

Index-Catalogue of Medical and Veterinary Zoology

Supplement 23, Part 5

Parasite-Subject Catalogue
Parasites: Arthropoda and
Miscellaneous Phyla

**United States
Department of
Agriculture**

Agricultural
Research
Service

July 1982

Index-Catalogue of Medical and Veterinary Zoology

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Parasite-Subject Catalogue Parasites: Arthropoda and Miscellaneous Phyla

By

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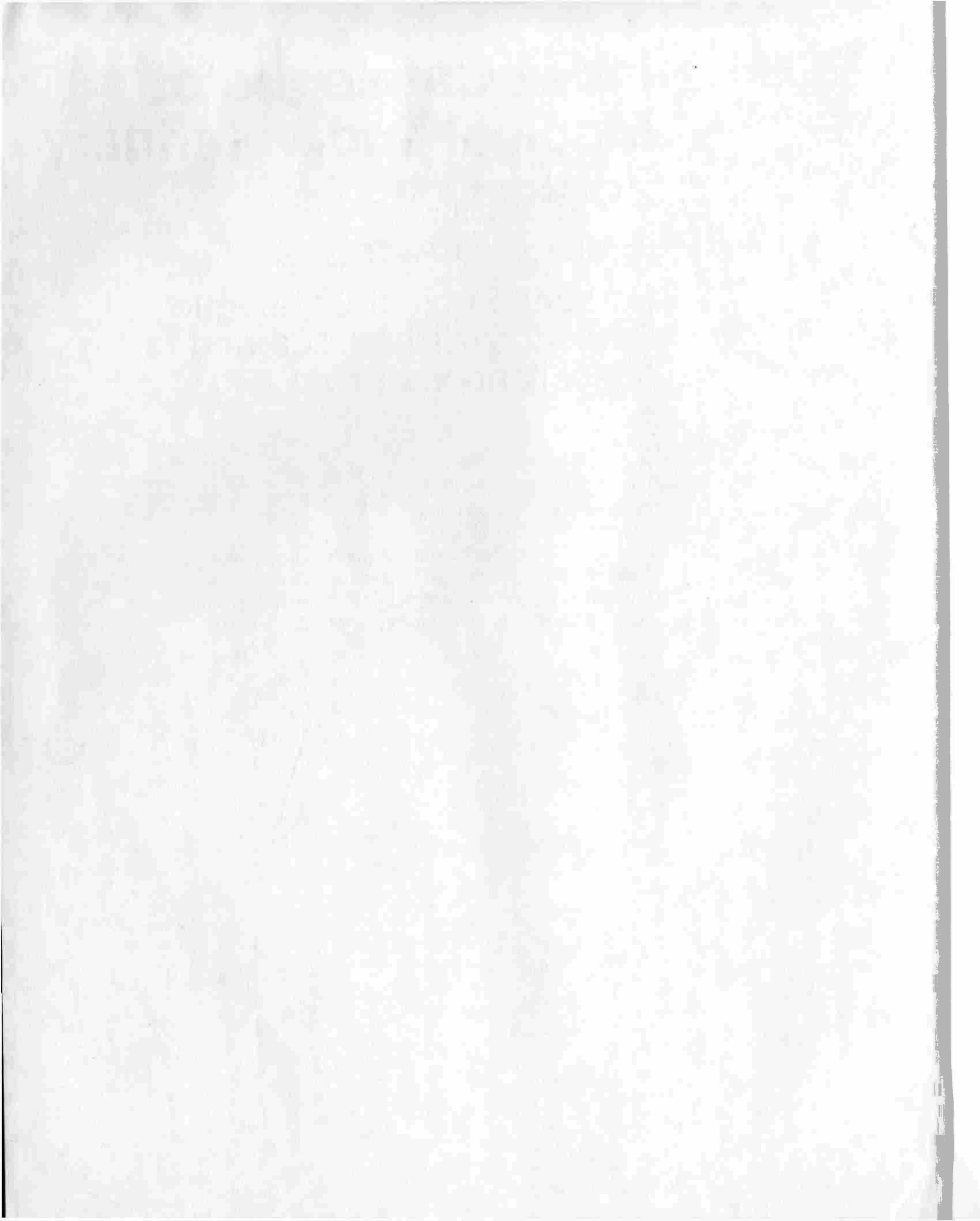
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Judith A. Zidar, Technical Information Specialist



Preface

The Index-Catalogue of Medical and Veterinary Zoology is an index to the world's literature on animal parasites of animals, including man. The Catalogue is distributed to qualified individuals and libraries throughout the world without charge. It has been maintained in cumulative files since 1892. Only the Author Catalogue has been published in its entirety. A revision of the Author Catalogue of the Index-Catalogue of Medical and Veterinary Zoology, consisting of Parts 1 to 18, was published during the period 1932-52. Beginning in 1953, a series of supplements designed to publish the backlog was initiated. This was completed with Supplement 6, published in 1956. From 1956 to 1964, supplements covering authors A to Z were issued on an annual basis.

Beginning with Supplement 15, the Parasite-Subject Catalogues, containing indices to the author references, have been issued. The Author Catalogues of Supplements 15-21 continued the format of previous supplements. Users should note that for each reference in the Author Catalogues of these supplements the author(s) plus the date and letter (e.g., Smith, J.; and Doe, L., 1978 b) are the key to all items in the Parasite-Subject Catalogues derived from that reference. In other words, when using the Parasite-Subject Catalogues of Supplements 15-21, it is necessary to consult the Author Catalogue of the corresponding supplement for complete bibliographic information.

Commencing with Supplement 22, basic bibliographic information is included with each entry in Parts 2-7. It should be emphasized, however, that it will still be useful to consult the Author Catalogue for a variety of other information that may be found there: Title of the reference, translated title, language of text and summaries, issue date, library from which the original may be obtained, published corrections, related references by the same author, and other miscellaneous information.

Each supplement consists of the following parts:

- Part 1, Authors: A-Z
- Part 2, Parasite-Subject Catalogue: Parasites: Protozoa
- Part 3, Parasite-Subject Catalogue: Parasites: Trematoda and Cestoda
- Part 4, Parasite-Subject Catalogue: Parasites: Nematoda and Acanthocephala
- Part 5, Parasite-Subject Catalogue: Parasites: Arthropoda and Miscellaneous Phyla
- Part 6, Parasite-Subject Catalogue: Subject Headings and Treatment
- Part 7, Parasite-Subject Catalogue: Hosts

Users should bear in mind that this is an Index-Catalogue, not a treatise, and should not expect to find reasons for any given entry. Nor does citing of synonymy mean that it is necessarily correct. The same statement holds for hosts, locations, localities, authorship of taxa, designation of new taxa, etc. These items are cited as given by the author(s) of the publication being indexed.

The information included in any given supplement represents only the publications that have been indexed in that supplement; and therefore, exclusion of, or limited entries for, any given author or parasite has no significance. No pretension is made for completeness, and assistance in correcting errors or obtaining additional information is appreciated. Reprints of papers on parasitology are requested.

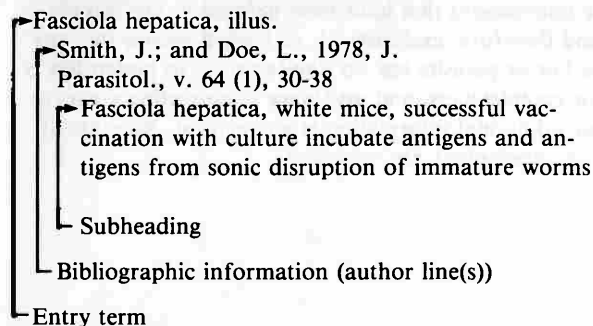
Explanatory Note

Author Catalogue

The Author Catalogue (Part 1 of each supplement) contains full bibliographic information for each publication indexed during the compilation of that supplement. A symbol for the library from which the original publication may be obtained is given at the end of each entry, e.g., Wa, Wm, Wc, etc. A key to these library symbols may be found in Supplements 10 and 20. A list of serial abbreviations new to our files is published at the beginning of each Author Catalogue.

Parasite Catalogues

The Parasite Catalogues (Parts 2-5 of each supplement) are divided by parasite phyla (Protozoa, Trematoda, etc.). They are arranged alphabetically by genera, parasitic diseases, and higher taxa and then alphabetically by species within genera. Entries under each heading are in turn arranged alphabetically by authors and then chronologically for each author. Each entry consists of the name of the parasite or parasitic disease, the author(s) of the publication, date, abbreviated title of the publication, volume, number, inclusive pages, and a subheading. Illustrations of parasites are indicated by the word *illus.* following the name of the parasite.



A variety of information is found indented beneath the author line(s) of each entry: Classification, hosts, synonymy, keys, treatment, etc. Subheadings are guides to the subject matter of the publication.

- (1) **Classification:** In entries based on systematic articles, the subheading may give the higher taxa in which the taxon has been placed or it may list the lower taxa included in a higher taxon.
- (2) **Hosts:** The only hosts recorded are those that pertain directly to the author's own work. Scientific host names are used unless the author gives only common names, in which case the host names are given exactly as in the original publication.

However, when host common names are in Cyrillic alphabet languages, host Latin names are assigned and listed instead of the common name; these are in square brackets [].

Locations of parasites in or on hosts are given in parentheses (). Where a host-parasite relationship is well known, a host may be given under a parasite name and not in the Host Catalogue; this applies particularly to parasites of medical and veterinary importance and of worldwide distribution. A + before the host name on the parasite entry means that no host entry was made for this particular reference.

- (3) **Synonymy:** Usually only those synonyms which the author indicates as new, or which are new to the files of the Index-Catalogue of Medical and Veterinary Zoology, are given.
- (4) **Keys:** The subheading "key" indicates that the name is included in a taxonomic key.
- (5) **Treatment:** When there are several antiparasitic agents mentioned in a publication, a general term is used in the subheading, e.g., anthelmintics, insecticides, protozoocides. However, in the Treatment Catalogue, all agents tested by the investigator(s) are listed.
- (6) **Geographic Distribution:** When there are multiple hosts and geographic localities, the appropriate locality is recorded after each host name; when the hosts of a parasite are all from one locality, they are recorded as "all from" this locality.
- (7) **Other Subject Matter:** Phrases indicate other subject matter discussed (e.g., immunity, metabolism, morphology, etc.).

Subject Headings Catalogue

The Subject Headings Catalogue (the first section of Part 6 of each supplement) is an alphabetic arrangement of entry terms from a controlled list of subject headings. Each entry consists of the subject heading, bibliographic information, and a subheading reflecting the information contained in the paper. Subject headings with numerous entries are separated into alphabetized subdivisions, e.g.,

Immunity
Immunity, Agglutination
Immunity, Allergy

Treatment Catalogue

In the Treatment Catalogue (a section of Part 6 of each supplement), all entries referring to one antiparasitic agent are grouped under one heading (regardless of the name used by the investigator) and are then listed alphabetically by author. Other names for the same agent are cross-referenced to the name used for filing. When generic and chemical names are available, preference is given to those names as headings

rather than to trade names or code numbers and letters. Code number designations for compounds are entered in the Number Index in numerical order and cross-referenced to the name under which they are listed in the alphabetical section. Salts of a compound are usually grouped together, e.g., piperazine adipate, piperazine citrate, etc., are all listed under Piperazine. Sometimes verifying synonymy of drug names is impossible; consequently, groupings and cross-references are not always authenticated although as many as possible have been checked with reliable sources. In some instances, the cross-references are based entirely on information in papers indexed and verification was not possible. Foreign language terminology has been anglicized where feasible. Chemosterilants, Molluscicides, and Repellents are entered under these three collective headings and not under the individual chemical. The format is the same as the parasite entries: Entry term (in this case, drug name), bibliographic information, and subheading.

Host Catalogue

The Host Catalogue (Part 7 of each supplement) is arranged alphabetically by genera, common names, and higher taxa and then alphabetically by species within genera. Nominate subspecies are interfiled with the species. Entries under each heading are in turn arranged alphabetically by author(s) and then chronologically for each author. The format is the same as in the other Catalogues, i.e., entry term (in this case, host name), bibliographic information, and subheading. Indented beneath the author line(s) of each host entry are all the parasites of a particular phylum that were reported from this host in the paper in question. Body locations of these parasites will be found in parentheses () either in the subheading or with the host name. Experimental infection is reported as such. When there are multiple parasites and geographic localities, the appropriate locality is recorded after each parasite name; when the parasites from this host are all from one locality, they are recorded as "all from" this locality. When authors use only common names of hosts, scientific names are cautiously supplied from authoritative sources after

careful consideration. Cross-references from the common name used by the author to the scientific name supplied by the Index-Catalogue are filed among the host entries. Such supplied names are given in square brackets []. If a scientific name cannot be supplied, English common names are used. Scientific names or English common names are always supplied for common names in Cyrillic alphabet languages, and no cross-references are made. Surveys of parasites of humans and domestic animals are often indexed under geographic headings and entered in Part 6, Subject Headings, in addition to appearing in the Host Catalogue. In this case, all parasite phyla are grouped under the same host entry, and individual parasite entries are not included in the Parasite Catalogue.

Visitors are welcome to come to the Animal Parasitology Institute to use the cumulative files. Arrangements should be made in advance for lengthy visits.

All correspondence should be addressed to:

Index-Catalogue of Medical and Veterinary Zoology
Animal Parasitology Institute
USDA, ARS, BARC-East, Building 1180
Beltsville, Maryland 20705 U.S.A.

It is hoped that these Catalogues will serve as a useful tool to workers in the field of parasitology. Users are requested to preserve the Catalogues, since they are not designed for general distribution and the edition is limited.

The compilers thank the staffs of the National Agricultural Library, the National Library of Medicine, and all other libraries who have aided us invaluablely by making publications available to us.

Trade names are used in this publication solely for the purpose of providing specific information. Mention of a trade name does not constitute a guarantee or warranty of the product by the U.S. Department of Agriculture or an endorsement by the Department over other products not mentioned.

- Abasia Wilson, 1908
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
diagnosis
key to species, females
- Abasia
Prabha, C.; and Pillai, N. K., 1979, Parasitology, v. 79 (3), 425-429
". . . Caligopsis Markewitsch might be a synonym of Pseudocaligus and Alicaligus Shiino a synonym of Abasia."
- Abasia inflata, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Saurida gracilis (gills): Philippines; Trobriand Islands, New Guinea; New Georgia, Solomons Islands; Ambon and Kabaena Islands, Moluccas
- Abasia pillaii, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Synodus englemani (gills): Philippines; Negros Island, Philippines; Ambon Island, Moluccas
- Abasia platyrostris Pillai, 1963, illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Synodus ulae: Honolulu, Hawaii
Saurida undosquamis: Arabian Sea
Synodus indicus: Trivandrum, India (buccal cavity of all)
- Abasia pusilla, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Synodus ulae (gills): Wakanoura, Misaki, and Kochi, Japan; Okinawa
- Abasia tripartita (Shiino, 1955)[n. comb.], illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Syn.: Alicaligus tripartitius Shiino 1955
Synodus ulae (gills): Wakanoura, and Misaki, Japan
S. hoshinonis (gills): Japan
- Acanthochondria cornuta (Mueller, 1777)
Gaevskaia, A. V.; and Umnova, B. A., 1977, Biol. Moria, Vladivostok (4), 40-48
Glyptocephalus cynoglossus (buccal cavity): near Nova Scotia, Emerald Bank, Northwest Atlantic
- Acanthochondria depressa (T. Scott)
van den Broek, W. L. F., 1979, J. Fish Biol., v. 14 (4), 371-380
copepods of Merlangius merlangus and Platichthys flesus, seasonal changes in levels of infestation related to annual migrations of young fish into estuary, localization, age of host
Platichthys flesus (branchial cavity): Medway Estuary, Kent
- Acanthochondria depressa
MacKenzie, K.; and Gibson, D. I., 1970, Symposia Brit. Soc. Parasitol., v. 8, 1-42
Platichthys flesus (inside operculum): Scotland
- Acanthochondria depressa
Moeller, H., 1978, J. Fish Biol., v. 12 (4), 311-323
fish parasites, effects of salinity and temperature on development and survival of parasitic and free-living stages
- Acanthochondria galerita Wilson, 1932
Meyers, T. R., 1978, Proc. Helminth. Soc. Washington, v. 45 (1), 120-128
Paralichthys dentatus (mouth cavity): Raritan Bay, New Jersey
- Acanthophthirus Perkins, 1925
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
Myobiidae, Myobiinae
includes subgens.: Acanthophthirus; Chiro-myobia; Myotimyobia; Thyromyobia
- Acanthophthirus Perkins, 1925
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
subgen. of Acanthophthirus
- Acanthophthirus sp.
Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
Myotis grisescens: Shawnee National Forest, southern Illinois
- Acanthophthirus emarginatus Dusbabek, 1969
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
as syn. of Acanthophthirus (Myotimyobia) emarginatus (Dusbabek, 1963) tax. nov.
- Acanthophthirus (Myotimyobia) emarginatus (Dusbabek, 1963) tax. nov.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
synonymy
Myotis dasycneme: grottes de Han, Belgique
- Acanthophthirus (Acanthophthirus) etheldredae Perkins, 1925, illus.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
synonymy, description
Pipistrellus pipistrellus: Belgique
- Acanthophthirus gracilis
Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
Myotis keenii: Shawnee National Forest, southern Illinois
- Acanthophthirus (Myotimyobia) myoti (Dusbabek, 1963)
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
synonymy
Myotis myotis
M. mystacinus (cou)
all from Belgique
- Acanthophthirus (Myotimyobia) myoti ssp. namurensis ssp. nov.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
Myotis nattereri: grottes de Fresnes, pres de Lustin (Namur), Belgique

- Acanthopthirus* (*Acanthopthirus*) *noctulius* (Radford, 1938), illus.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
synonymy, description
Nyctalus noctula: Belgique
- Acanthopthirus* (*Myotimyobia*) *oregonensis* sp. n., illus.
Fain, A.; and Whitaker, J. O., jr., 1978, J. Parasitol., v. 64 (5), 895-899
Pipistrellus hesperus: Malheur Co., Oregon
- Acanthopthirus* (*Myotimyobia*) *pantopus* (Poppe et Trouessart, 1895) tax. nov., illus.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
synonymy
Barbastella barbastella (creux axillaire): Gorenendael, Bruxelles, and grottes de Han, Belgique
- Acanthopthirus* *pantopus* Dusbabek, 1969
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
as syn. of *Acanthopthirus* (*Myotimyobia*) *pantopus* (Poppe et Trouessart, 1895) tax. nov.
- Acanthopthirus* (*Acanthopthirus*) *plecotius* (Radford, 1938), illus.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
synonymy, description
Plecotus auritus: Belgique
- Acanthopthirus* *polonicus* sp. nov., illus.
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (1), 41-47
Myotis dasycneme: Wojcieszow Gorny (Lower Silesia, Poland)
- Acanthopthirus* *rhinolophi* Fain, 1973
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
as syn. of *Acanthopthirus* (*Myotimyobia*) *rhinolophi* Fain, 1973 tax. nov.
- Acanthopthirus* (*Myotimyobia*) *rhinolophi* Fain, 1973 tax. nov., illus.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
description
Syn.: *Acanthopthirus* *rhinolophi* Fain, 1973
Rhinolophus hipposideros (dos): Goyet, Province de Namur, Belgique
- Acanthopthirus* (*Myotimyobia*) *serotinus* Fain, 1973 em. nov., illus.
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
description
Syn.: *Acanthopthirus* (*Myotimyobia*) *serotina* Fain, 1973
Eptesicus serotinus (cou): Couvin (Namur), Belgique
- Acanthopthirus* (*Myotimyobia*) *serotina* Fain, 1973
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
as syn. of *Acanthopthirus* (*Myotimyobia*) *serotinus* Fain, 1973 em. nov.
- Acanthopthirus* *serotinus* sp. nov., illus.
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (1), 41-47
Eptesicus serotinus: Kania near Grabow (voivodship Kalisz, Poland)
- Acanthopthirus* *silesiacus* sp. nov., illus.
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (1), 41-47
Myotis daubentoni: Chelmiec near Jawor (Lower Silesia, Poland)
- Acanthopthirus* *sudeticus* sp. nov., illus.
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (1), 41-47
Myotis nattereri: Wojcieszow Gorny (Lower Silesia, Poland)
- Acanthopsylla* *incerta*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: New South Wales
Melomys cervinipes: Queensland
M. littoralis: Queensland
Melomys spp.: Queensland
all from Australia
- Acanthopsylla* *pavida*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Antechinus godmani
Rattus fuscipes coraci
Melomys cervinipes
M. littoralis
Melomys spp.
all from Queensland, Australia
- Acanthopsylla* *rothschildi* ssp.
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Antechinus stuartii: New South Wales
Rattus fuscipes assimilis: New South Wales
R. lutreolus: Victoria
Antechinus swainsonii: New South Wales and Victoria
all from Australia
- Acarid**
Pitariu, T.; et al., 1978, Bacteriol., Virusol., Parasitol., Epidemiol., Bucuresti, v. 23 (3), 189-192
acarid in bile B of patient suffering from acute angiocholecystitis, case report
- Acarids**
Pitariu, T.; Popescu, I. Gr.; and Banescu, O., 1979, Bacteriol., Virusol., Parazitol., Epidemiol., Bucuresti, v. 24 (1), 55-59
acarids, humans (urine), pyelonephritis, pyelocystis
- Acarina**
Proc. Internat. Conf. Tick-borne Dis. and Their Vectors (Edinburgh, Sept. 27-Oct. 1, 1976), 1978, 573 pp., illus.
multiple articles on tick biology, control of ticks and disease, tick-borne protozoa, viruses, and rickettsiae
- Acarus farris* (Oudem.)
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland

- Acarus farris*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Acarus scabiei* (*Sarcoptes hominis*), *illus.*
Villagran T., G., 1974, *Semana Med. Centro-*
america y Panama (302), an. 9, v. 24 (3), 77-
83
scabies, human, general clinical review
- Acarus scabiei* var. *hominis*
Jardim, M. L.; and Motta, G. M. A., 1976, *Rev.*
Brasil. Med., v. 33 (10), 361-362
scabies, human, therapeutic trials with mono-
sulfiram, 95% cure rate: Pernambuco, Brazil
- Acarus siro* (*Sarcoptes scabiei* var. *hominis*)
Meigel, W., 1979, *Tae gl. Prax.*, v. 20 (3),
469-475
Acarus siro, human, clinical aspects, diag-
nostic and therapeutic problems
- Acedestia* Jordan
Mardon, D. K., 1978, *J. Austral. Entom. Soc.*,
v. 17 (4), 379-383
genitalic characters of genera of *Doratop-*
syllinae compared
"It is concluded that the relationship be-
tween *Acedestia* and *Idilla* is so close as
to be incompatible with their present classi-
fication in separate tribes, which are
therefore united in a single tribe,
Acedestiini."
- Acedestia chera* Jordan, *illus.*
Mardon, D. K., 1978, *J. Austral. Entom. Soc.*,
v. 17 (4), 379-383
male described, apparently unique sclerite
present at base of abdomen
Isoodon obesulus: Stawell, Victoria
- Acedestiini* Smit, 1957
Mardon, D. K., 1978, *J. Austral. Entom. Soc.*,
v. 17 (4), 379-383
"It is concluded that the relationship be-
tween *Acedestia* and *Idilla* is so close as
to be incompatible with their present classi-
fication in separate tribes, which are
therefore united in a single tribe,
Acedestiini."
- Achtheres* sp.
Deutsch, W. G., 1977, *Proc. Pennsylvania Acad.*
Sc., v. 51 (2), 122-124
Micropterus dolomieu (gills): Susquehanna
River, Pennsylvania
- Achtheres ambloplitis*
Boxrucker, J. C., 1979, *Parasitology*, v. 78
(2), 195-206
metazoan parasites of *Ictalurus melas*,
seasonal incidence and abundance in thermal
outfall area vs. unaltered area, thermal
effluent had little effect on incidence,
differences in abundance are considered due
to factors other than temperature: Lake
Monona, Dane County, Wisconsin
- Achtheres ambloplitis* Kellicott 1880
Hanek, G.; and Fernando, C. H., 1978, *Canad.*
J. Zool., v. 56 (6), 1235-1240
spatial distribution of gill parasites
Lepomis gibbosus
Ambloplites rupestris
all from Ontario
- Achtheres ambloplitis*
Hanek, G.; and Fernando, C. H., 1978, *Canad.*
J. Zool., v. 56 (6), 1247-1250
gill parasites of *Lepomis gibbosus*, role of
season, habitat, host age, and sex: Ontario,
Canada
- Achtheres ambloplitis*
Hanek, G.; and Fernando, C. H., 1978, *Canad.*
J. Zool., v. 56 (6), 1251-1253
gill parasites of *Ambloplites rupestris*,
role of season, habitat, host age, and sex:
Bay of Quinte, and West Lake, Ontario
- Achtheres micropteri*
Aliff, J. V.; Smith, D.; and Lucas, H., 1977,
Tr. Am. Micr. Soc., v. 96 (1), 145-148
Lepomis megalotis
L. punctatus
all from middle Georgia
- Achtheres percarum* Nordmann
Iziumova, N. A.; Mashtakov, A. V.; and Kash-
kovskii, V. V., 1977, *Inform. Biul. Inst.*
Biol. Vnutren. Vod, Akad. Nauk SSSR (36) 64-68
[*Lucioperca lucioperca*] (gills): Kamsk
reservoir
- Achtheres percarum* Nordmann, 1832
Wierzbicki, K., 1970, *Acta Parasitol. Polon.*,
v. 18 (1-12), 45-55
Perca fluviatilis (oral cavity, gills):
Lake Dargin, Mazurian Lakeland, Poland
- Acomatacarus major* (Schluger, 1955) sensu
Liu 1958
Wen, T. H.; and Liu, C. W., 1977, *Acta Entom.*
Sinica, [Transl.], v. 16 (2), 174-176
as syn. of *Multisetosa pekingensis* sp. n.
- Acomatacarus yosanoi*
Suzuki, H., 1977, *Eisei Dobutsu* (Japan. *J. San.*
Zool.), v. 28 (2), 105-110
Pentalagus furnessi: Amami Island, Japan
- Acotyledon pedispinifer* (Nesb.)
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Acotyledon pedispinifer*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Acropsylla*
Goncharov, A. I., 1971, *Parazitologiya, Lenin-*
grad, v. 5 (4), 369-373
Leptopsyllidae

- Acropsylla* Rothschild, 1911
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Leptopsyllidae, *Mesopsyllinae*, key
- Acropsylla girshami*
Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
fleas, malformations
Crocidura sp.: Yunnan
+rat (nest): Mitu, Yunnan
- Acropsylla traubi* new species, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Mus sp.: West Pakistan (Dir, Dir State; Malakand, Malakand Agency; Amandra, Malakand Agency)
Suncus sp.: Dir, Dir State, West Pakistan
Mus musculus: 8 km. S. Kamdesh, Nuristan, Afghanistan
- Actornithophilus bicolor* (Piaget, 1880)
Martin, M. P.; and Gallego, J., 1977, *Graellsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
synonymy
Arenaria interpres: Cataluna, Espana
- Actornithophilus gracilis*
Mester, H., 1978, *Ang. Parasitol.*, v. 19 (1), 20-28
Actornithophilus gracilis, *Austromenopon aegialitidis*, *Quadriceps junceus*, lapwing nestlings, correlation between number of lice and host age, food preferences of both sexes of lice, overcrowding
- Actornithophilus piceus* (Denny)
Price, R. D., 1978, *Proc. Entom. Soc. Wash.*, v. 80 (3), 343
Syn.: *Colpocephalum abbotti* Kellogg, 1899
- Adoratopsylla* Ewing
Mardon, D. K., 1978, *J. Austral. Entom. Soc.*, v. 17 (4), 379-383
genitalic characters of genera of *Doratorpsyllinae* compared
- Aethon morelandi*
Rohde, K., 1978, *Biol. Zentralbl.*, v. 97 (4), 405-418
gill parasites of marine fish, species numbers and microhabitat utilization at different latitudes, assumption of greater evolutionary speed in tropics as probable explanation of latitudinal gradients in species diversity (more species in tropical than in cold water fishes)
Latridopsis ciliaris
- Afrolistrophorus apodemi* (Fain)
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Apodemus tauricus
Apodemus sylvaticus
all from Gory Sowie (Middle Sudetes), Poland
- Afrolistrophorus apodemi*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus
Apodemus sylvaticus
all from Gory Sowie (Middle Sudetes), Poland
- Afrolistrophorus myospalacis* sp. n., *illus.*
Dubinina, E. V., 1973, *Parazitologiya*, Leningrad, v. 7 (3), 247-254
Myospalax myospalax: Shegarsk Kozhevnikovsk region, Tomsk oblast
- Alcedoffula* Clay & Meinertzhagen 1939 (part.)
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
subgenus of *Cummingsiella*
- Alcedoffula* Clay & Meinertzhagen, 1939 (part.)
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Alcedoffula alcedinis* (Denny, 1842), *illus.*
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
synonymy, description
Alcedo atthis ispida: Santiago de Compostela, Coruna, Espana
- Alcedoffula cephaloxys* (Nitzsch) Thompson, 1950
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
as syn. of *Alcedoffula alcedinis* (Denny, 1842)
- Allella* sp.
Meyers, T. R., 1978, *Proc. Helminth. Soc. Washington*, v. 45 (1), 120-128
Alosa pseudoharengus (operculum): Raritan Bay, New Jersey
- Alicalgus Shiino*
Prabha, C.; and Pillai, N. K., 1979, *Parasitology*, v. 79 (3), 425-429
". . . *Caligopsis* Markewitsch might be a synonym of *Pseudocaligus* and *Alicalgus Shiino* a synonym of *Abasia*."
- Alicalgus tripartitus* Shiino 1955
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
as syn. of *Abasia tripartita* (Shiino, 1955) [n. comb.]
- Allanalges analgoides*, Canestrini et Kramer, 1899 [et auct.]
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92 (4), 1023-1052
as syn. of *Pseudalges analgoides* (Trouessart)
- Allanalges analgoides* (partim), Gaud et Mouchet, 1958; Gaud et Till, 1961
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92 (4), 1023-1052
as syn. of *Pseudalges mimus* n. sp.
- Alliphis* sp.
Amanniazova, R. D., 1976, *Med. Parazitol. i Parazit. Bolezni*, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*; seasonal variation in density and age composition of *Hirstionyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Alliphis siculus* (Oud.)
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine

- Allodermanyssus sanguineus (Hirst, 1914)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Peromyscus sp.: San Pedro Atlixco, Puebla; Tlapocoya, Estado de Mexico
Neotoma torquata: Tonatico, Estado de Mexico
Baiomys taylori: Barrientos, Estado de Mexico
- Allodermanyssus sanguineus Hirst
Osipova, N. Z., 1971, Parazitologiya, Lenin-grad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Cricetulus migratorius
Mus musculus
all from Chuisk valley, Kirgiz SSR
- Allodermanyssus sanguineus Hirst
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Rattus rattus
Suncus murinus
all from Maharashtra State, India
- Alloptes pteronyssoides: Canestrini and Kramer, 1899 [et auct.]
Atyeo, W. T.; and Gaud, J., 1971, Folia Parasitol., v. 18 (1), 51-53
as syn. of Mimicalges pteronyssoides (Trouesart), new comb.
- Allosathes n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
key, tod: A. anepiandrius n. sp.
- Allosathes anepiandrius n. sp. (tod), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Nothura boraquira: Bresil Nord-Est (Campeña grande), and Bresil (Corrente, Piaui)
- Allothrombidium muscae Oudemans, 1906
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
as syn. of Chiroptella (Oudemansidium) muscae (Oudms.)
- Alphalaelaps aplodontiae
Whitaker, J. O., jr.; Maser, C.; and Wallace, W. M., 1979, Northwest Sc., v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Alv[eonasus] lahorensis
Ignatovich, V. F.; and Grokhovskaia, I. M., 1973, Parazitologiya, Leningrad, v. 7 (1), 19-23
Rickettsia prowazeki, maintenance and reproduction in argasid ticks (exper.)
- Amalaraeus penicilliger dissimilis (Jordan)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Microtus sp.
Clethrionomys rutilus
Zapus hudsonius
all from Alaska
- Amblycera suborder
Kim, K. C.; and Ludwig, H. W., 1978, Ann. Entom. Soc. Am., v. 71 (6), 910-922
Psocodea, phylogenetic relationships of five taxa analyzed cladistically, evaluation of character complexes, theoretical aspects of phylogenetic inferences on origin of higher taxa
Mallophaga
key
- Amblycera Kellogg, 1896
Lakshminarayana, K. V., 1976, Ang. Parasitol., v. 17 (3), 160-167
Amblycerophthirina Lakshminarayana emend. nov. Amblycera Kellogg, 1896
- Amblycerophthirina Lakshminarayana emend. nov. Amblycera Kellogg, 1896
Lakshminarayana, K. V., 1976, Ang. Parasitol., v. 17 (3), 160-167
- Amblyomma Koch, 1844
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
Ixodidae
key; keys to species (larvae and nymphs)
- Amblyomma spp.
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Laterallus albigularis cinereiceps
Henicorhina leucosticta tropaea
Thryothorus thoracicus
T. nigricapillus costaricensis
Baryphthengus ruficapillus costaricensis
Myrmeciza e. exsul
Thamnophiles punctatus atrinucha
Nyctidromus albicollis intercedens
Eucometes penicillata spodocephala
Saltator maximus magnoides
Lepidocolaptes souleyetii compressus
Thryothorus m. modestus
Rhinoptynx c. clamator
Thryothorus atrogularis
T. rufalbus castanonotus
Taraba major melanocrissus
Cercomacra tyrannina crepera
Automolus ochralaemus hypophaeus
Arremon aurantiostris rufidorsalis
Pachyramphus cinnamomeus fulvidior
Thryothorus pleurostictus ravus
Habia atrimaxillaris
Rhodinocichla rosea eximia
Manacus aurantiacus
all from Costa Rica
- Amblyomma sp.
Campbell, C. C.; et al., 1978, Bull. Pan Am. Health Organ., v. 12 (2), 104-111
collection of ticks on farm where outbreak of fatal human infections believed to be rickettsial in origin occurred: Los Altos de Herediana, Limon Province, Costa Rica
- Amblyomma spp., nymphs
Garnett, W. H.; and Ahrens, E. H., 1979, Southwest. Entom., v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Amblyomma sp.
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, Indian J. Med. Research, v. 68, 949-953
ixodid ticks of Galloperdix s. spadicea, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Amblyomma sp.
Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada

- Amblyomma* sp., probably *A. cyprium*
 Watling, D., 1977, *Fiji Agric. J.*, v. 39 (2), 116-117
Pycnonotus cafer: Sigatoka Valley, Viti Levu, Fiji Islands
- Amblyomma* sp.
 Yunker, C. E.; et al., 1975, *J. Med. Entom.*, v. 12 (2), 250-255
 ticks and mites, vectors of viral and rickettsial agents
Nasua nasua narica
Sigmodon hispidus
Eucometes penicillata
Ameiva sp.
Philander opossum
 all from Panama
- Amblyomma americanum*
 Anigstein, L.; and Anigstein, D., 1975, *Texas Rep. Biol. and Med.*, v. 33 (1), 201-211
Amblyomma americanum, review of evidence for rickettsial etiology of Bullis fever (epidemic which occurred in World War II troops training at Camp Bullis, Texas), rickettsiae isolated from ticks collected in area, patient histories of tick bite
- Amblyomma americanum*
 Dawkins, C. C.; and Gladney, W. J., 1978, *J. Econom. Entom.*, v. 71 (4), 657-660
 3-host ticks, guinea pigs, amitraz, Upjohn U-42,564, chlordimeform, detachment response and mortality
- Amblyomma americanum*
 Dickerson, M. S., 1977, *Texas Med.*, v. 73, 83-89
 ticks as vectors of Rocky Mountain spotted fever, epidemiologic characteristics in Texas
- Amblyomma americanum* (L.)
 Garris, G. I.; et al., 1979, *J. Econom. Entom.*, v. 72 (6), 869-872
Amblyomma americanum, infestations and biotic potential on Brahman and Hereford cattle compared under field conditions: eastern Oklahoma
- Amblyomma americanum*
 Grothaus, R. H.; Haskins, J. R.; and Reed, J. T., 1976, *J. Med. Entom.*, v. 12 (6), 702
Amblyomma americanum, simplified carbon dioxide collection technique for recovery of live ticks
- Amblyomma americanum* (L.)
 Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Quiscalus quiscula
Procyon lotor
 all from Fort Dix, New Jersey
- Amblyomma americana*
 Jacobson, H. A.; Kirkpatrick, R. L.; and McGinnes, B. S., 1978, *Wildlife Monogr.* (60), 53 pp.
 disease and physiologic characteristics of cottontail rabbits in 2 study areas in relation to population density, includes data on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Amblyomma americanum* (Linnaeus)
 Keillum, D.; and Berger, R. S., 1977, *J. Med. Entom.*, v. 13 (6), 701-705
Amblyomma americanum, *A. maculatum*, 2,6-dichlorophenol in female ticks acts as sex pheromone for males of both species, no explanation for presence of this chemical in male *A. maculatum*
- Amblyomma americanum*
 Loving, S. M.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (6), 1255-1260
 ticks, distribution and prevalence of infection with spotted fever group rickettsiae, epidemiological survey of persons bitten by infected ticks: South Carolina
- Amblyomma americanum*
 McMullen, H. L.; and Sauer, J. R., 1978, *Experimentalia*, v. 34 (8), 1030-1031
Amblyomma americanum, relationship of phosphodiesterase and cyclic AMP to the process of fluid secretion in salivary glands of feeding female ticks
- Amblyomma americanum*
 Needham, G. R.; and Sauer, J. R., 1979, *J. Parasitol.*, v. 65 (4), 531-542
Amblyomma americanum, interaction of calcium, cyclic AMP, and dopamine in controlling salivary fluid secretion
- Amblyomma americanum*
 Patrick, C. D.; and Hair, J. A., 1979, *Ann. Entom. Soc. Am.*, v. 72 (2), 308-312
Amblyomma americanum, oviposition behavior and larval longevity in 4 different habitats, preoviposition time and egg incubation temperature dependent
- Amblyomma americanum*
 Patrick, C. D.; and Hair, J. A., [1979], *J. Parasitol.*, v. 64 (6), 1978, 1100-1106
Amblyomma americanum, effect of habitat utilization by white-tailed deer on seasonal abundance of tick populations in 3 different habitats
- Amblyomma americanum* (L.), *illus.*
 Phillis, W. A. III; and Cromroy, H. L., 1977, *J. Med. Entom.*, v. 13 (6), 685-698
Amblyomma americanum, microanatomy of eye, transmission electron microscopy
- Amblyomma americanum*
 Sauer, J. R.; Frick, J. H.; and Hair, J. A., 1974, *J. Insect Physiol.*, v. 20 (9), 1771-1778
Amblyomma americanum, control of ^{36}Cl uptake by salivary glands
- Amblyomma americanum*
 Scholten, T., 1977, *Canad. J. Pub. Health*, v. 68 (6), 494-496
 human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada
- Amblyomma americanum*
 Schreck, C. E.; Posey, K.; and Smith, D., 1978, *J. Econom. Entom.*, v. 71 (3), 397-400
 permethrin as potential clothing treatment against bloodsucking arthropods, minimum effective dosage necessary for quick kill on contact
- Amblyomma americanum*
 Semtner, P. J.; and Hair, J. A., 1976, *J. Med. Entom.*, v. 13 (2), 216-217
Amblyomma americanum adults, molting time, overwintering survival, and longevity in selected woodlots: Cherokee Co., Oklahoma
- Amblyomma americanum*
 Sonenshine, D. E., 1977, *J. N. York Entom. Soc.*, v. 85 (4), 212-213
Amblyomma americanum, *Dermacentor variabilis*, vectors of Rocky Mountain spotted fever, review

- Amblyomma americanum* (Linnaeus, 1758), illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Amblyomma americanum* (L.)
Teel, P. D.; Hair, J. A.; and Stratton, L. G., 1979, J. Econom. Entom., v. 72 (2), 230-233
Amblyomma maculatum, *A. americanum*, cannulated Hereford heifers (exper.), evaluation of sustained-release famphur bolus administered orally
- Amblyomma astrion* Doenitz, 1909, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
bovines
buffalo
all from Zaire
- Amblyomma cajennense* (Fabricius 1787), illus.
Ansel, M.; and Thibaut, M., 1975, Rev. Soc. Brasil. Med. Trop., v. 9 (4), 179-182
Amblyomma cajennense, fine structure morphology of chelicerae
- Amblyomma cajennense*
Dawkins, C. C.; and Gladney, W. J., 1978, J. Econom. Entom., v. 71 (4), 657-660
3-host ticks, guinea pigs, amitraz, Upjohn U-42,564, chlordimeform, detachment response and mortality
- Amblyomma cajennense*
Linardi, P. M.; and Nagem, R. L., 1973, Rev. Brasil. Biol., v. 33 (4), 529-537
Pulicidae and other ectoparasites on dogs, survey, frequent mixed infections: Belo Horizonte and neighboring townships of Minas Gerais
- Amblyomma cohaerens* Doenitz, 1909, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
Thos adustus: Zaire
Tragelaphus scriptus: Zaire
Kobus defassa: Zaire
buffalo: Zaire
Syncerus: Zaire
Hylochoerus: Zaire
Phacochoerus aethiopicus: Zaire; Rwanda
Syncerus caffer: Zaire; Rwanda
bird: Zaire
Francolinus sp.: Uganda
- Amblyomma cohaerens*
Wood, O. L.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (3), 600-604
ixodid ticks, isolation of Crimean-Congo hemorrhagic fever, Thogoto, Dugbe, and Jos viruses: Ethiopia
- Amblyomma cohaerens* Donitz 1909
Young, A. S.; Burrige, M. J.; and Payne, R. C., 1977, Trop. Animal Health and Prod., v. 9 (1), 37-34
Theileria sp. transmitted to *Bos taurus* (exper.) by *Amblyomma cohaerens* collected from *Syncerus caffer*, macroschizonts resemble *T. barnetti* but exper. host reacted serologically to *T. mutans* antigen only, description, blood transmission to splenectomized calf: Mara region, Kenya
- Amblyomma cuneatum* Neumann, 1899, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
Manis tricuspis: Zaire
Manis sp.: Zaire
- Amblyomma dissimile*
Moreno, E.; and Bolanos, R., 1977, Rev. Biol. Trop., v. 25 (1), 47-57
Lachesis muta
Bothrops asper
all from Costa Rica
- Amblyomma eburneum* Gerstaecker, 1873, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
cow: Rwanda
- Amblyomma falsomarmoreum* Tonelli-Rondelli
Pegram, R. G., 1976, Bull. Entom. Research, v. 66 (2), 345-363
tortoises: Somalia
- Amblyomma falsomarmoreum* Tonelli-Rondelli, 1935, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts: Africa
- Amblyomma gemma* Doenitz
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Amblyomma gemma* Doenitz, 1909
Kliushkina, E. A., 1972, Parazitologiya, Leningrad, v. 6 (3), 306
[*Bos taurus*]: Alushtinsk region, Krymsk oblast
- Amblyomma gemma* Doenitz, 1909, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts: Africa

- Amblyomma hebraeum*
Bonin, W., 1977, Berl. u. Munchen. Tierarztl. Wchnschr., v. 90 (2), 34-37
Amblyomma hebraeum, *Psoroptes cuniculi*, *Melophagus ovinus*, *Dermanyssus gallinae*, *heptenophos*, rapid mode of action, broad range of efficacy, short residual effect and effective as a vapour poison, compared with other standard drug preparations
- Amblyomma hebraeum* Koch
Delbecque, J. P.; Diehl, P. A.; and O'Connor, J. D., 1978, *Experientia*, v. 34 (10), 1379-1381
Amblyomma hebraeum, presence of ecdysone and ecdysterone in nymphs, supports hypothesis that in ticks ecdysteroids are involved in hormonal control of moulting
- Amblyomma hebraeum*
Gear, J. H. S., 1978, *South African J. Hosp. Med.*, v. 4 (2), 45-49
ticks, vectors of tick bite fever in South Africa
- Amblyomma hebraeum*
Norval, R. A. I., 1978, *J. Parasitol.*, v. 64 (5), 910-917
Amblyomma hebraeum, repeated feeding on rabbits and sheep, tick yield, engorged weight, and engorgement period, no acquisition of resistance by host, seasonal fluctuations in engorged weights appear to be due to changes in host physiology as result of low temperature acclimatization, tick yield is determined by amount of host grooming, feeding periods of larvae and nymphs are dependent on host skin temperature
- Amblyomma hebraeum*
Norval, R. A. I., 1979, *J. Parasitol.*, v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Amblyomma hebraeum*
Norval, R. A. I., 1978, *Rhodesian Vet. J.*, v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Amblyomma hebraeum* (Koch)
Rechav, Y., 1978, *Experientia*, v. 34 (4), 478-479
Amblyomma hebraeum, lack of daily rhythm in release of assembly pheromones
- Amblyomma hebraeum* Koch
Rechav, Y., 1978, *J. Med. Entom.*, v. 14 (6), 677-687
Amblyomma hebraeum, Himalayan giant rabbits (exper.), factors regulating drop-off rhythms of engorged larvae and nymphs, light is dominant synchronizer affecting endogenous rhythms
- Amblyomma hebraeum*
Rechav, Y., 1978, *J. Med. Entom.*, v. 14 (6), 704
Amblyomma hebraeum, absence of encyrtid parasitoids in adults: East London, South Africa
- Amblyomma hebraeum*, *illus.*
Rechav, Y.; et al., 1977, *J. Med. Entom.*, v. 14 (1), 71-78
Amblyomma hebraeum, calves, rabbits, evidence for existence of an assembly pheromone(s), behavior of adult male and female ticks in response to fed males or their extracts
- Amblyomma hebraeum*
Rechav, Y.; and Whitehead, G. B., 1978, *J. Econom. Entom.*, v. 71 (1), 149-151
Amblyomma hebraeum, field trials with pheromone-toxaphene mixtures applied to demarcated areas on cattle for tick control: near East London, South Africa
- Amblyomma hebraeum*
Rechav, Y.; Whitehead, G. B.; and Terry, S. B., 1978, *J. South African Vet. Ass.*, v. 49 (2), 99-101
ticks, mortality curves of larvae dipped in dioxathion, chlorphenvinphos, and oxionthiophos, time of application, larvae of ticks exhibit diel periodicity in sensitivity to acaricides
- Amblyomma hebraeum*
Stutterheim, C. J., 1977, *South African J. Sc.*, v. 73 (9), 281
Amblyomma hebraeum, *Boophilus decoloratus*, prey species parasitizing predator, *Buphagus erythrorhynchus* (head, cloaca): Kruger National Park
- Amblyomma hebraeum* Koch, *illus.*
Wuest, J.; et al., 1978, *Ztschr. Parasitenk.*, v. 55 (1), 91-99
Amblyomma hebraeum, morphology of spermatid and spermatozoon
- Amblyomma inornatum* (Banks)
Gladney, W. J.; Dawkins, C. C.; and Price, M. A., 1977, *J. Med. Entom.*, v. 14 (1), 85-88
Amblyomma inornatum, collected from native wild hosts, adult ticks colonized in laboratory with guinea pigs as hosts, life cycle studies, measurements of larvae and nymphs
Didelphis virginiana
Taxidea taxus
Tayassu tajacu
Canis latrans
Procyon lotor
Lynx rufus
Sylvilagus floridanus
all from south Texas
- Amblyomma integrum* Karsch 1879
Bhat, H. R., 1978, *Indian J. Animal Sc.*, v. 48 (11), 821-825
Amblyomma integrum, life-history under laboratory conditions, periodicity in engorgement and dropping, correlation between total egg output and weight of engorged females
cow calves
White Leghorn chicks
rabbits
(all exper.)
- Amblyomma lepidum* Doenitz
Crampton, P. L.; and Gichanga, M. M., 1979, *Bull. Entom. Research*, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya

- Amblyomma lepidum* Doenitz
Lourens, J. H. M., 1979, J. Econom. Entom., v. 72 (5), 790-793
Amblyomma variegatum, *A. lepidum*, baseline data on susceptibility to organochlorine acaricides, genetic basis for resistance in *A. variegatum*
- Amblyomma lepidum* Doenitz
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution buffalo: Zambia
- Amblyomma lepidum*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
[no host]: Darfur Province, Sudan
- Amblyomma lepidum*
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
cattle: imported to United Arab Republic
- Amblyomma lepidum* Doenitz, 1909, illus.
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
key to larva, descriptions of larva and nymph, biology, distribution, hosts
Damaliscus korrigum
spotted hyena
cattle
Ardea melanocephala
Homo sapiens (near ankle)
all from Sudan
- Amblyomma lepidum*, illus.
Wysoki, M.; and Bolland, H. R., 1979, Genetica, v. 50 (1), 73-77
Amblyomma variegatum, *A. lepidum*, course and timing of spermatogenesis, sex determination, and chromosome numbers
- Amblyomma loculosum*
Uilenberg, G., 1977, J. Med. Entom., v. 13 (4-5), 516
Fregata a. ariel: Msasani Peninsula, Dar es Salaam, Tanzania
- Amblyomma longirostre* (Koch)
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Laterallus albigularis cinereiceps
Xiphorhynchus guttatus costaricensis
Pipromorpha oleaginea assimilis
Thryothorus nigricapillus costaricensis
Baryphthengus ruficapillus costaricensis
Lepidocolaptes souleyetii compressus
Chiroxiphia linearis fastuosa
Cyanocompsa cyanoides caerulescens
Thryothorus m. modestus
T. atrogularis
Taraba major melanocrissus
Cercomacra tyrannina crepera
Thamnophilus bridgesi
Automolus ochralaenus exsertus
all from Costa Rica
- Amblyomma longirostre* Koch, 1844
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
first collection of adult stage
Coendu mexicanus: Catemaco, Veracruz
- Amblyomma maculatum* Koch
Ahrens, E. H.; and Cocke, J., 1978, J. Econom. Entom., v. 71 (5), 764-765
Amblyomma maculatum, cattle, comparative test with insecticide-impregnated ear tags; longevity test to determine whether ranchers could tag cattle in early spring resulted in only marginally satisfactory control
- Amblyomma maculatum* (Koch)
Garnett, W. H.; and Ahrens, E. H., 1979, Southwest. Entom., v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Amblyomma maculatum* Koch
Gladney, W. J.; et al., 1974, J. Med. Entom., v. 11 (3), 303-306
Amblyomma maculatum, cattle (exper.), male tick pheromone applied to small area on cattle attracted female ticks from other sites, mixture of pheromone and isobenzan attracted and killed female ticks
- Amblyomma maculatum* Koch
Gladney, W. J.; Price, M. A.; and Graham, O. H., 1977, J. Med. Entom., v. 13 (4-5), 579-586
Amblyomma maculatum, cattle, efficacy of various insecticides applied as sprays, ear smears and dusts, or in slow-release devices, field tests
- Amblyomma maculatum* Koch, 1844
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Urocyon cinereoargenteus: Lagunas de Montebello, Comitán, Chiapas
- Amblyomma maculatum* Koch
Kellum, D.; and Berger, R. S., 1977, J. Med. Entom., v. 13 (6), 701-705
Amblyomma americanum, *A. maculatum*, 2,6-dichlorophenol in female ticks acts as sex pheromone for males of both species, no explanation for presence of this chemical in male *A. maculatum*
- Amblyomma maculatum* Koch
Koch, H. G.; and Hair, J. A., 1975, J. Med. Entom., v. 12 (2), 213-219
Amblyomma maculatum, effect of host species on engorgement weight, time, and success, molted weight, molted adult dimensions, and percentage of molting success, engorgement time and success were host-species dependent
Colinus virginianus
Peromyscus maniculatus
Sigmodon hispidus
Neotoma floridana
Lepus californicus
Procyon lotor
Didelphis marsupialis
(all exper.)
- Amblyomma maculatum*
Loving, S. M.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (6), 1255-1260
ticks, distribution and prevalence of infection with spotted fever group rickettsiae, epidemiological survey of persons bitten by infected ticks: South Carolina
- Amblyomma maculatum*, illus.
Moulton, J. E., 1978, Am. J. Vet. Research, v. 39 (9), 1558-1564
preparation of primary cultures of tick cells

- Amblyomma maculatum* Koch, 1844, illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Amblyomma maculatum*
Stacey, B. R.; et al., 1978, J. Econom. Entom., v. 71 (6), 967-970
Amblyomma maculatum, Hereford and Brahman steers, drylot conditions, weight gains and blood parameters, comparison between breeds and infested and uninfested steers
- Amblyomma maculatum*, illus.
Teel, P. D.; et al., 1978, Comp. Biochem. and Physiol., v. 61C (2), 297-300
Amblyomma maculatum feeding on fenthion-infused sheep, evidence of cholinergic neurotransmitter involvement in overall nervous control of ixodid tick salivary fluid secretion, principal cause of death in systemic organophosphate-poisoned ixodid ticks may be disruption of normal salivary gland function
- Amblyomma maculatum* Koch
Teel, P. D.; Hair, J. A.; and Stratton, L. G., 1979, J. Econom. Entom., v. 72 (2), 230-233
Amblyomma maculatum, *A. americanum*, cannulated Hereford heifers (exper.), evaluation of sustained-release famphur bolus administered orally
- Amblyomma maculatum*
Wanchinga, D. M.; and Sonenshine, D. E., 1978, Zambia J. Sc. and Technol., v. 3 (2), 25-30
Amblyomma maculatum, feeding and development, effects of vitamin and mineral deficiencies in host *Rattus norvegicus* diet
- Amblyomma maculatum* Koch
Williams, R. E.; Hair, J. A.; and McNew, R. W., 1978, J. Parasitol., v. 64 (2), 336-342
Amblyomma maculatum on pastured Hereford steers, effects of tick infestation on blood composition and weight gain
- Amblyomma marmoreum* Koch
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
Bitis arietans: Zambia
- Amblyomma nuttalli*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Xerus erythropus
Herpestes ichneumon
Thryonomys swinderianus
Kinixys belliana
Python regius
Varanus exanthematicus
Varanus sp.
Atelerix albiventris
chien
Python sp.
all from Haute-Volta
- Amblyomma nuttalli* Doenitz, 1909, illus.
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
Thryonomys swinderianus
Kinixys b. belliana
Turdus olivaceus stromsi
Melocichla mentalis grandis
reptile
all from Zaire
- Amblyomma oblongoguttatum*
Campbell, C. C.; et al., 1978, Bull. Pan Am. Health Organ., v. 12 (2), 104-111
collection of ticks on farm where outbreak of fatal human infections believed to be rickettsial in origin occurred
horses
cow
all from Los Altos de Herediana, Limon Province, Costa Rica
- Amblyomma parvitarsum* Neumann, illus.
Dale, W. E.; and Venero, J. L., 1977, Rev. Peruana Entom., v. 20 (1), 93-99
Vicugna vicugna
Lama glama
all from Pampa Galeras, Ayacucho, Peru
- Amblyomma parvum* Aragao, 1908
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Dasypus novemcinctus: Teapa, Tabasco
- Amblyomma parvum*
Yunker, C. E.; et al., 1975, J. Med. Entom., v. 12 (2), 250-255
ticks and mites, vectors of viral and rickettsial agents
Nasua nasua narica: Panama
- Amblyomma paulopunctatum* Neumann, 1899
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
key to nymph, description of nymph, biology, distribution, hosts
Apopavo congoensis
Hylochoerus sp.
Phacochoerus aethiopicus
Potamochoerus sp.
all from Zaire
- Amblyomma pomposum* Doenitz
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
buffalo
Lichtenstein's hartebeest
warthog
cattle
all from Zambia
- Amblyomma pomposum* Doenitz, 1909
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
key to nymph, description of nymph, biology, distribution, hosts
cattle: Zaire (imported from Zambia)
Leptophilus: Zaire
sheep: Burundi

- Amblyomma rhinocerotis*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
black rhinoceros
hippopotamus
all from Zambia
- Amblyomma rhinocerotis* (De Geer, 1778)
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
- Amblyomma sparsum*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
buffalo
black rhinoceros
hippopotamus
lion
waterbuck
all from Zambia
- Amblyomma sparsum* Neumann, 1899, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
vegetation: Zaire
- Amblyomma splendidum*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Syncerus caffer: Sierra Leone
- Amblyomma splendidum*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Amblyomma splendidum* Giebel, 1877, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
cattle
buffalo
Syncerus nanus
Aulacodus swinderianus
Syncerus caffer
Potamochoerus porcus
Numida meleagris
Ptermistes sp.
all from Zaire
- Amblyomma testudinarium* Koch, 1844
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
Tupaia glis versurae
Gallus gallus
mithan
all from Arunachal Pradesh, India
- Amblyomma testudinarium*
Kamimura, K.; and Kondo, K., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 249-250
humans: Japan
- Amblyomma testudinarium* Koch
Miranpuri, G. S.; Singh, J.; and Lahkar, B. C., 1978, Indian J. Ecol., v. 5 (1), 23-29
ixodid ticks of domestic and wild animals, survey, distribution, host-relationship
cattle
Elephas maximus
all from Assam Valley, India
- Amblyomma tholloni*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Loxodonta africana: Sierra Leone
- Amblyomma tholloni*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
elephant: Zambia
- Amblyomma tholloni*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
homme: Haute-Volta
- Amblyomma tholloni* Neumann, 1899, illus.
Van der Borghht-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
Loxodonta africana
Hippopotamus amphibius
Homo sapiens (nose)
all from Zaire
- Amblyomma variegatum*
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of Rhipicephalus appendiculatus makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Amblyomma variegatum* (Fabricius)
Cornet, J. P.; et al., 1978, Cahiers O.R.S.T.O.M., s. Entom. Med. et Parasitol., v. 16 (1), 53-54
Amblyomma variegatum, *Boophilus annulatus*, *B. decoloratus*, inoculation of pregnant female mice with tick-egg emulsion induces resistance to ixovotoxin in their new-born offspring, technique permits inoculation of tick eggs into new-born mice without abnormal mortality rates, potential use in virus isolation
- Amblyomma variegatum*
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Amblyomma variegatum*
Davies, F. G., 1978, J. Hyg., Cambridge, v. 81 (2), 251-258
Rhipicephalus appendiculatus, distribution coincides closely with distribution of Nairobi sheep disease (NSD) antibody in sheep and goats, no correlation between distribution of other ticks (*Amblyomma variegatum*, *R. evertsi*, and *R. pulchellus*) and NSD antibody: Kenya

- Amblyomma variegatum*
 Germain, M.; et al., 1979, Compt. Rend. Acad. Sc., Paris, v. 289, s. D, Sc. Nat. (8), 635-637
Amblyomma variegatum, isolation of yellow fever virus from egg-cluster, from larvae issued from this egg cluster, and from blood of *Cercopithecus aethiops* bitten by these larvae: Empire Centrafricain
- Amblyomma variegatum*
 Hammant, C. A., 1977, Rhodesian Vet. J., v. 8 (4), 67-70
 ticks, resistance survey of field strains to commonly used ixodicides, changeover from arsenic to dioxathion dipping of cattle, dramatic improvement in tick control, necessities complete overhaul of dipping facilities and retraining of personnel: Tribal Trust Lands of Rhodesia
- Amblyomma variegatum*
 Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Cephalophus maxwelli
C. sylvicultrix
Tragelaphus s. scriptus
 all from Sierra Leone
- Amblyomma variegatum* (F.)
 Lourens, J. H. M., 1979, J. Econom. Entom., v. 72 (5), 790-793
Amblyomma variegatum, *A. lepidum*, baseline data on susceptibility to organochlorine acaricides, genetic basis for resistance in *A. variegatum*
- Amblyomma variegatum*
 MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
 ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
 zebra
 buffalo
 warthog
 bushpig
 elephant
 black rhinoceros
 hippopotamus
 lion
 leopard
 civet
 genet
 mongoose
 cattle
 eland
 sable antelope
 kudu
 defassa waterbuck
 bushbuck
 impala
 puku
 common duiker
 grysbok
 sheep
 all from Zambia
- Amblyomma variegatum*
 Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
 ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Amblyomma variegatum*
 Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Xerus erythropus
Thryonomys swinderianus
Lepus crawshayi
Francolinus bicalcaratus
Numida meleagris
Varanus exanthematicus
Chamaeleo vulgaris
Sylvicapra grimmia
Cephalophus rufilatus
Ourebia ourebi
Adenota kob
Alcelaphus major
Hippotragus equinus
Syncerus caffer
Phacochoerus aethiopicus
Cercopithecus aethiops
Lissotis melanogaster
Eupodotis senegalensis
Canis aureus
Genetta tigrina
 all from Haute-Volta
- Amblyomma variegatum*
 Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
 zoogeographical distribution
 cattle
 sheep
 goats
 camel
 horses
 all from Darfur Province, Sudan
- Amblyomma variegatum* (Fabricius, 1794)
 Tsafir, N.; and Rauchbach, K., 1974, Israel J. Zool., v. 22 (2-4), 1973, 197
 cow (perineal region): Yehudia, on Golan Heights, Israel
- Amblyomma variegatum* (Fabricius, 1794), illus.
 Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
 keys to larva and nymph, descriptions of larva and nymph, biology, distribution, hosts
 cow: Zaire; Rwanda; Burundi
 goat: Zaire
Alcelaphus lichtensteini: Zaire
Damaliscus korrigum: Zaire
Kobus defassa: Zaire
Ourebia sp.: Zaire; Sudan
 sheep: Zaire; Rwanda
Rattus rattus alexandrinus: Zaire
Syncerus caffer: Zaire
 dog: Zaire; Sudan
 antelope: Zaire
Centropus senegalensis: Zaire
Equus burchelli bohmi: Rwanda
 impala: Rwanda
Myrmecocichla nigra: Rwanda
Lepus sp.: Rwanda
 buffalo: Sudan
 donkeys: Sudan
 Thos sp.: Sudan
Tshagra senegalensis: Sudan
Alcelaphus buselaphus jacksoni: Sudan
 tell-tell: Sudan
Sphenorhynchus abdimii: Sudan
 [no host]: Paline, Togo
- Amblyomma variegatum*
 Wood, O. L.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (3), 600-604
 ixodid ticks, isolation of Crimean-Congo hemorrhagic fever, Thogoto, Dugbe, and Jos viruses: Ethiopia

- Amblyomma variegatum*, *illus.*
Wysoki, M.; and Bolland, H. R., 1979, *Genetica*, v. 50 (1), 73-77
Amblyomma variegatum, *A. lepidum*, course and timing of spermatogenesis, sex determination, and chromosome numbers
- Amblyomma variegatum*
Young, A. S., 1977, *Tropenmed. u. Parasitol.*, v. 28 (4), 521-527
Theileria mutans, infectivity for cattle of parasites derived from prefed *Amblyomma variegatum* nymphs
- Amblyomma variegatum*
Young, A. S.; et al., 1978, *Parasitology*, v. 76 (1), 99-115
Theileria mutans isolated from cattle exposed in Narok District of Kenya, transstadially transmissible by *Amblyomma variegatum* but not by *Rhipicephalus appendiculatus*, mechanically transmissible by blood containing piroplasms or lymphoid cells infected with schizonts, course of infection, pathogenicity, and morphology in cattle (exper.)
- Amblyopinodes* Seevers
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Megamblyopinus, *Amblyopinus*, *Amblyopinodes*, generic taxonomy revised, new characteristics of systematic importance recorded and used
- Amblyopinodes gahani*, Seevers, 1955
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
as syn. of *Amblyopinodes gahani gahani* n. comb.
- Amblyopinodes gahani gahani* (Fauvel) n. comb.
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Syns.: *Amblyopinus gahani* Fauvel; *Amblyopinodes gahani*, Seevers, 1955
- Amblyopinodes gahani munoai* Mane-Garzon & S. Martin nov. comb.
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Syn.: *Amblyopinodes munoai* Mane-Garzon & San Martin, 1960
Akodon obscurus: Departamento Maldonado
Oxymycterus rufus nasutus: Departamento Maldonado and Canelones
Scapteromys sp.: Departamentos Maldonado, Soriano, and Montevideo
all from Uruguay
- Amblyopinodes gahani nordestinus* nov. comb., *illus.*
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Syn.: *A. nordestinus* Machado-Allison, 1962
- Amblyopinodes munoai* Mane-Garzon & San Martin, 1960
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
as syn. of *Amblyopinodes gahani munoai* Mane-Garzon & S. Martin nov. comb.
- Amblyopinodes nordestinus* Machado-Allison, 1962
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
as syn. of *A. gahani nordestinus* nov. comb.
- Amblyopinus* Solski
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Megamblyopinus, *Amblyopinus*, *Amblyopinodes*, generic taxonomy revised, new characteristics of systematic importance recorded and used
- Amblyopinus bolivari* Barrera, Machado-Allison & Muniz, 1960, *illus.*
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Microtus m. mexicanus: Estado de Mexico
Neotomodon a. alstoni: Estado de Puebla
Peromyscus sp.: Estado de Mexico
all from Mexico
- Amblyopinus emarginatus* Seevers, *illus.*
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Peromyscus flavidus: Chiriqui, Panama
Oryzomys devius: Chiriqui, Panama
O. albigularis meridensis: Estado Aragua; Serrania del Avila, Distrito Federal, Venezuela
- Amblyopinus gahani* Fauvel
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
as syn. of *Amblyopinodes gahani gahani* n. comb.
- Amblyopinus waterhousei* Fauvel
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Didelphis azarae: Estado Merida, Venezuela
- Amblyseius obtusus* Koch
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Ameroseius corbicula* (Sowerby)
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Amorphacarus elongatus* (Poppe)
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Clethrionomys glareolus
Apodemus tauricus
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Amorphacarus elongatus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Amorphacarus soricis* sp. n., *illus.*
Fain, A.; and Whitaker, J. O., jr., 1978, *J. Parasitol.*, v. 64 (5), 895-899
Sorex bendirii: Cascade, Lincoln Co., Oregon; Big Lagoon, California; 4 mi SE Bandon
- Amphalius* Jordan, 1933
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Ceratophyllidae, *Ceratophyllinae*, key

- Amphalius runatus*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
+*Alticola strelzovi* (nest): south-eastern Altai
- Amphalius runatus* I. et R., 1923
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
Ochotona pusilla: northeastern Kazakhstan
- Amphalius spirataenius* Liu, Wu & Wu, 1966, illus.
Tsai, L. Y.; Wu, W. C.; and Liu, C. Y., 1978, *Acta Entom. Sinica*, v. 21 (4), 447-452
description, females
Ochotona curzoniae
O. thomasi
O. thibetana
all from Huang-zhung Xian, Da-tung Xian and Y-shu Xian, Qinghai, West China
- Amphipsylla*
Goncharov, A. I., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 369-373
Leptopsyllidae
- Amphipsylla* Wagner, 1909
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Leptopsyllidae, *Amphipsyllinae*, key
key to species, Afghanistan
- Amphipsylla anceps* Wagner, 1930, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Cricetulus migratorius
Apodemus sylvaticus
+*Microtus afghanus* (nest)
all from Afghanistan
- Amphipsylla aspalacis*
Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
fleas, malformations
Myospalax myospalax psilurus: Tsinan, Shantung
- Amphipsylla kuznetzovi* Wagner, 1912, illus.
Goncharov, A. I., 1972, *Parazitologiya*, Leningrad, v. 6 (5), 465-468
Nosopsyllus laeviceps, *Amphipsylla kuznetzovi*, castrated males, abdominal structure, implications for normal structure, corroboration of Wagner's 12-segment scheme of abdominal structure of fleas
- Amphipsylla kuznetzovi* Wagn., 1912
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Microtus gregalis*]
[*Sorex macropygmaeus*]
[*S. araneus*]
[*Mustela erminea*]
all from northeastern Kazakhstan
- Amphipsylla kuznetzovi tjanshanica* ssp. n., illus.
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (6), 545-550
Alticola argentatus: vicinity of Nar'na, Kirgiz SSR
- Amphipsylla kuznetzovi transcaucasica* ssp. n., illus.
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (6), 545-550
Chionomus (sp.?): vicinity of Istisu Kel'badzharsk region, Azerbaidzhan SSR
- Amphipsylla marikovskii ewingi* I. Fox
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Sorex sp.: Alaska
- Amphipsylla montana* Argyropulo, 1946, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Alticola roylei
Calomyscus bailwardi
all from Afghanistan
- Amphipsylla montium* Jordan, 1944, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Calomyscus bailwardi
Rattus rattoides
all from Afghanistan
- Amphipsylla neotomae* I. Fox, 1940
Prince, F. M.; Eads, R. B.; and Barnes, A. M., 1976, *J. Med. Entom.*, v. 13 (2), 162-168
as syn. of *Traubella neotomae* (I. Fox), n. comb.
- Amphipsylla orthogonia* Liu, Tsai & Wu, 1975, illus.
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
"It is now clear that the female '*Amphipsylla primaria* ssp.' from Charka, ex *Alticola stoliczkanus*, as recorded by Smit (1975) also belongs to this species"
Alticola stoliczkanus: Dhaulagiri region of western Nepal
- Amphipsylla parthiana* Ioff, 1950, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Cricetulus migratorius
Microtus afghanus
M. arvalis
all from Afghanistan
- Amphipsylla phaiomydis limonia* n. subsp., illus.
Smit, F. G. A. M., 1977, *Senckenbergiana Biol.*, v. 58 (1-2), 45-53
Hyperacrius sp.: Gulmarg and Pahalgam, Kashmir
- Amphipsylla prima* Wagn., 1929
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Lagurus lagurus*]: northeastern Kazakhstan
- Amphipsylla primaria* ssp.
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
"It is now clear that the female '*Amphipsylla primaria* ssp.' from Charka, ex *Alticola stoliczkanus*, as recorded by Smit (1975) also belongs to this species" [*Amphipsylla orthogonia* Liu, Tsai & Wu, 1975]
- A[*Amphipsylla*] *primaria*
Voronova, G. A.; and Feoktistov, A. Z., 1978, *Zhurnal Mikrobiol., Epidemiol. i Immunobiol.* (2), 97-100
fleas, *Yersinia pestis* subcultures isolated
- Amphipsylla primaria primaria*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
+*Alticola strelzovi* (nest): south-eastern Altai

- Amphipsylla primaris primaris* I. et R., 1915
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Alticola strelzovi*]: northeastern Kazakhstan
- Amphipsylla rossica* Wagn., 1912, illus.
Kir'iakova, A. N., 1978, *Entom. Obozr.*, v. 57 (1), 203-206
Amphipsylla rossica, larvae, external structures
Microtus arvalis: Saratov suburbs
- Amphipsylla rossica* Wagn., 1912
Kosminskii, R. B.; et al., 1979, *Vestnik Zool. Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (2), 48-53
Amphipsylla rossica, ecology, field and laboratory studies: feeding, reproduction, development, survival, and longevity under various conditions of temperature and humidity; age composition and physiological state of populations in different months; abundance on *Microtus arvalis* and in its nests and burrow entrances in different months: Transcaucasian highlands
- Amphipsylla rossica* Wagner, 1912, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Microtus arvalis: Afghanistan
M. guentheri: Lebanon Mountains
M. nivalis: " "
Apodemus sylvaticus: Lebanon Mountains
- Amphipsylla rossica* Wagn.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Amphipsylla rossica* Wagn., 1912
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Cricetus cricetus*]: northeastern Kazakhstan
- Amphipsylla rossica* Wagn.
Sosnina, E. F., 1973, *Parazitologiya*, Leningrad, v. 7 (1), 31-35
Microtus arvalis: mountain Crimea
- Amphipsylla schelkovnikovi* Wagner, 1909, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Vulpes vulpes
Ochotona rufescens
all from Afghanistan
- Amphipsylla sibirica hetera* Jordan, 1932, illus.
Bartkowska, K., 1979, *Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol.*, v. 27 (1), 43-48
Syn.: *Amphipsylla sibirica intermedia* Rosicky, 1957
Pitymys taticus: Tatry Mts., Poland
Microtus nivalis: " " "
+*Clethrionomys glareolus* (nest): Tatry Mts., Poland
+*Pitymys subterraneus* (nest): Sudety Mts., Poland
- Amphipsylla sibirica intermedia* Rosicky, 1957
Bartkowska, K., 1979, *Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol.*, v. 27 (1), 43-48
as syn. of *Amphipsylla sibirica hetera* Jordan, 1932
- Amphipsylla sibirica pollionis* (Rothschild)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Clethrionomys rutilus
Mustela erminea
all from Alaska
- Amphipsylla sibirica sibirica* Wagn., 1893
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Clethrionomys rutilus*]: northeastern Kazakhstan
- Amphipsyllinae* Ioff, 1936
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Leptopsyllidae, key
key to genera, Afghanistan
- Amyrsidea latifasciata* (Piaget)
Groza, V. K., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 375-383
Lyrurus tetrix: Kazakhstan
- Amyrsidea perdicis* (Denny)
Groza, V. K., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 375-383
Phasianus colchicus: Kazakhstan
- Amyrsidea tetraogalli* sp. n., illus.
Groza, V. K., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 375-383
Tetraogallus himalayensis: environs of Almaatinsk lake (Zailiisk Alatau)
- Analgés* sp.
Cooper, C. L.; and Troutman, E. L., 1974, *J. Med. Entom.*, v. 11 (2), 233
Molothrus ater ater (feathers): Ohio
- Analgés* spp.
Watling, D., 1977, *Fiji Agric. J.*, v. 39 (2), 116-117
Pycnonotus cafer: Sigatoka Valley, Viti Levu, Fiji Islands
- Anaticola crassicornis* (Scopoli, 1763)
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, *Proc. Entom. Soc. Wash.*, v. 81 (2), 327-328
Anas crecca (body): Newfoundland, Canada
A. discors (back): Ontario, Canada
Aythya collaris: Ontario, Canada
Melanitta deglandi: New Brunswick, Canada
M. perspicillata: " " "
Mergus serrator: Ontario, Canada
- Anaticola dissonus* Tandan & Brelih, 1971, illus.
Clay, T., 1974, *J. Zool., London*, v. 172 (4), 483-490
- Anaticola jamesi* sp. n., illus.
Clay, T., 1974, *J. Zool., London*, v. 172 (4), 483-490
Phoenicoparrus jamesi: South America
- Anaticola phoenicopteri* (Coinde, 1859), illus.
Clay, T., 1974, *J. Zool., London*, v. 172 (4), 483-490
- Anatoecus* spp.
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, *Proc. Entom. Soc. Wash.*, v. 81 (2), 327-328
Anas discors
Aythya americana (head)
Bucephala albeola (head)
all from Ontario, Canada

- Anatoecus cygni* (Denny, 1842)
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, Proc. Entom. Soc. Wash., v. 81 (2), 327-328
Olor columbianus (gular, nape and head regions)
Bucephala clangula (head)
Clangula hyemalis (head)
all from Ontario, Canada
- Anatoecus dentatus* (Scopoli, 1763)
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, Proc. Entom. Soc. Wash., v. 81 (2), 327-328
Anas platyrhynchos (head): Ontario, Canada
A. rubripes (head): New Brunswick, Canada
Aythya collaris: Ontario, Canada
Somateria mollissima (head): Newfoundland, Canada
Lophodytes cucullatus (head): Ontario, Canada
Mergus serrator: Ontario, Canada
- Anatoecus icterodes* (Nitzsch, 1818)
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, Proc. Entom. Soc. Wash., v. 81 (2), 327-328
Anas rubripes (head): Newfoundland, Canada
Aythya collaris: Ontario, Canada
Histrionicus histrionicus: Newfoundland, Canada
Lophodytes cucullatus (head): Ontario, Canada
Mergus serrator: Ontario, Canada
- Anatoecus icterodes emersoni* Keler, 1960, pre-occupied by *A. (A.) cygni emersoni* Keler, 1960
Eichler, W., 1976, Ang. Parasitol., v. 17 (4), 227-228
renamed: *A. (A.) icterodes zlotorzyskae* nom. nov.
- Anatoecus (Anatoecus) icterodes zlotorzyskae* nom. nov.
Eichler, W., 1976, Ang. Parasitol., v. 17 (4), 227-228
for: *A. icterodes emersoni* Keler, 1960, pre-occupied by *A. (A.) cygni emersoni* Keler, 1960
- Anatoecus keleri* Clay, 1962, illus.
Clay, T., 1974, J. Zool., London, v. 172 (4), 483-490
- Anatoecus keymeri* sp. n., illus.
Clay, T., 1974, J. Zool., London, v. 172 (4), 483-490
Phoenicoparrus jamesi: South America
Phoenicopterus chilensis (skin): Rio Grande, Tierra del Fuego, Argentina; Cerro Azul, Peru
- Anatoecus pygaspis* (Nitzsch, 1866), illus.
Clay, T., 1974, J. Zool., London, v. 172 (4), 483-490
- Ancistrodes* Keler, 1939
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
as syn. of *Coloceras* Taschenberg, 1882
- Ancystropus* sp. Nadchatram, Domrow and Ng, 1966
Domrow, R.; and Nadchatram, M., 1978, Oriental Insects, v. 12 (1), 85-96
as syn. of *Ancystropus eonycteris* Delfinado and Baker, 1963
- Ancystropus eonycteris* Delfinado and Baker, 1963
Domrow, R.; and Nadchatram, M., 1978, Oriental Insects, v. 12 (1), 85-96
Syn.: *Ancystropus* sp. Nadchatram, Domrow and Ng, 1966
Eonycteris spelaea: Malaysia
- Ancystropus rudnicki* Baker and Delfinado
Domrow, R.; and Nadchatram, M., 1978, Oriental Insects, v. 12 (1), 85-96
as syn. of *Ancystropus taprobanus* (Turk)
- Ancystropus taprobanus* (Turk)
Domrow, R.; and Nadchatram, M., 1978, Oriental Insects, v. 12 (1), 85-96
synonymy
Rousettus amplexicaudatus: Malaysia
- Ancystropus zeleborii* Kolenati, 1856
Domrow, R.; and Nadchatram, M., 1978, Oriental Insects, v. 12 (1), 85-96
Penthetor lucasi
Cynopterus brachyotis
Rousettus amplexicaudatus
Balionycteris maculata
all from Malaysia
- Androlaelaps* sp.
Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Androlaelaps aduncus* Allred
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Mus platythrix
Rattus meltada meltada
Tatera indica
Bandicota bengalensis
Rattus rattus
all from Maharashtra State, India
- Androlaelaps casalis*
Addison, E. M.; Pybus, M. J.; and Rietveld, H. J., 1978, Canad. J. Zool., v. 56 (10), 2122-2126
Ursus americanus: central Ontario, Canada
- Androlaelaps casalis*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland
- Androlaelaps casalis*
Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Androlaelaps casalis*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Procyon lotor: Indiana
- Androlaelaps casalis*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Androlaelaps casalis*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus orarius (fur): Oregon

- Androlaelaps casalis* (Berlese, 1887)
 Wilson, N.; and Wodzicki, K., 1977, N. Zealand J. Zool., v. 4 (4), 383-387
Rattus rattus: Niue Island
- Androlaelaps casalis casalis* (Berl.)
 Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
 Syn.: *Iphis casalis* Berlese, 1887
Pipistrellus pipistrellus: Afghanistan
- Androlaelaps colii* sp. nov., illus.
 Till, W. M., 1972, Acarologia, v. 14 (2), 153-162
Colius indicus: Johannesburg, South Africa
- Androlaelaps fahrenheitzi*
 Britt, D.; and Molyneux, D. H., 1979, J. Parasitol., v. 65 (3), 408
Sciurus carolinensis: Delamere Forest, Cheshire, England
- Androlaelaps fahrenheitzi*
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
 all from Gory Sowie (Middle Sudetes), Poland
- Androlaelaps fahrenheitzi* (Berlese)
 Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Felis catus
Procyon lotor
Sylvilagus floridanus
Peromyscus leucopus
Sciurus carolinensis
 all from Fort Dix, New Jersey
- Androlaelaps fahrenheitzi*
 Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
 gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
Apodemus giliacus
Rattus norvegicus
 all from Tonden, Sapporo, Hokkaido
- Androlaelaps fahrenheitzi* (Berlese)
 Sonenshine, D. E.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (2, pt. 1), 339-349
 epizootiology of *Rickettsia prowazekii* in *Glaucomyx volans*, vector transmission suggested by occurrence of natural infections in *Orchopeas howardii* and *Neohaematopinus sciuropteri*, ecology of ectoparasites associated with *G. volans* (seasonal activity, abundance in nests)
Glaucomyx volans: Virginia; Maryland
- Androlaelaps fahrenheitzi* (Berlese)
 Timm, R. M., 1972, Acarologia, v. 14 (1), 18-20
Microtus pennsylvanicus: two miles south of Kearney, Kearney County, Nebraska
- Androlaelaps fahrenheitzi*
 Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 193-198
Rattus norvegicus: Indiana
- Androlaelaps fahrenheitzi*
 Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
 ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus hudsonius: Colorado; Nebraska
Z. princeps: British Columbia
Z. trinotatus: British Columbia; Oregon; Washington
Zapus sp.: California
- Androlaelaps fahrenheitzi*
 Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Procyon lotor
Mustela vison
M. frenata
M. nivalis
Mephitis mephitis
Taxidea taxus
 all from Indiana
- Androlaelaps fahrenheitzi*
 Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Androlaelaps fahrenheitzi*
 Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus orarius
S. townsendi
 (fur of all): all from Oregon
- Androlaelaps glasgowi* Ewing
 Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Tatera indica
Rattus rattus
 all from Maharashtra State, India
- Androlaelaps glasgowi* (Ewing, 1925) Till, 1963
 Ubelaker, J. E.; and Downhower, J. F., 1965, Tr. Kansas Acad. Sc., v. 68 (1), 206-208
Geomys bursarius: Lawrence, Douglas Co., Kansas
- Androlaelaps hermaphrodita* (Berlese, 1887)
 Hadi, T. R.; et al., 1977, J. Med. Entom., v. 13 (4-5), 587-590
 Syn.: *Laelaps* (*Iphis*) *hermaphrodita* Berlese, 1887
Rattus r. germani
R. exulans concolor
 all from Con Son Island
- Androlaelaps lipsi* sp. nov., illus.
 Till, W. M., 1972, Acarologia, v. 14 (2), 153-162
Steatomys pratensis: Elisabethville, Congo
 [no host]: Keybirg, near Elisabethville
- Androlaelaps marshalli* Berlese
 Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Bandicota bengalensis
Mus platythrix
Rattus rattus
R. meltada meltada
Suncus murinus
Tatera indica
 all from Maharashtra State, India
- Androlaelaps morlani*
 Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana

- Androlaelaps pavlovskii*
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
all from Tonden, Sapporo, Hokkaido
- Anelasma squalicola*, *illus.*
Faenge, R.; and Johansson, P., 1976, Zool. Revy, v. 38 (3), 71-76
Anelasma squalicola, parasitism of shark, brief description of invasive rootlike processes, mild chronic inflammation
Etmopterus spinax: Skagerak (NNV Hirtshals, Denmark)
- Anepigynia Gaud et Atyeo* 1974
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
key to species
- Anepigynia anaphylla Gaud et Atyeo*
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
key
Aerops albicollis: Zaire
Melittophagus variegatus: Gabon; Uganda
Merops nubicus: Cameroun
M. apiaster: Zaire
M. malimbicus: Nigeria
M. superciliosus: Burundi; Kenya
Melittophagus pusillus: Kenya; Rhodesie; Senegal; Sierra Leone; Zaire
- Anepigynia hypophyllata n. sp.*, *illus.*
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
key
Melittophagus bulocki: Galim, Cameroun
- Anepigynia leptoplonota n. sp.*, *illus.*
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
key
Melittophagus lafresnayi oreobates: Baraka, Prov. du Kivu, Zaire
- Anilocra physodes* (L., 1758), *illus.*
Romestand, B., 1979, Ann. Parasitol., v. 54 (4), 423-448
Cymothoidae of teleost fish, hematophagy, host immune response, biochemical, histological, haematological, and biometrical (growth) changes in infected hosts
Boops boops
Maena smaris
Pagellus erythrinus
Maena maena
all from Herault
- Anilocra physodes*
Romestand, B.; and Trilles, J. P., 1977, Ztschr. Parasitenk., v. 52 (1), 91-95
Anilocra physodes, *Meinertia oestroides*, *Emetha audouini*, teleost fishes, blood values, anemia, hypertrophy and hypervascularization of spleen
Boops boops
Maena maena
Pagellus erythrinus
(surface of all): all from Herault, France
- Anilocra physodes* (L., 1758)
Romestand, B.; and Trilles, J. P., 1979, Ztschr. Parasitenk., v. 59 (2), 195-202
cymothoid isopods, influence on host growth and weight-size ratios
Pagellus erythrinus
- Anocentor nitens*
Beadles, M. L.; Drummond, R. O.; and Whetstone, T. M., 1973, J. Econom. Entom., v. 66 (1), 125-127
Anocentor nitens, effects of various solvents on oviposition
- Anocentor nitens*
Campbell, C. C.; et al., 1978, Bull. Pan Am. Health Organ., v. 12 (2), 104-111
collection of ticks on farm where outbreak of fatal human infections believed to be rickettsial in origin occurred
horses
cow
all from Los Altos de Heredia, Limon Province, Costa Rica
- Anomiopsyllus Baker*, 1904
Barnes, A. M.; Tipton, V. J.; and Wildie, J. A., 1977, Great Basin Nat., v. 37 (2), 138-206
Hystriochopsyllidae, *Anomiopsyllinae*
Anomiopsyllus, taxonomic revision, host-parasite relationships, geographic distribution, phylogenetic relationships, adult skeletal anatomy, key to males of species and subspecies
- Anomiopsyllus amphibolus Wagner*, 1936, *illus.*
Barnes, A. M.; Tipton, V. J.; and Wildie, J. A., 1977, Great Basin Nat., v. 37 (2), 138-206
diagnosis, key
Syn.: *A. nudatus* Stanford, 1931 (*nec* Baker, 1898)
Neotoma albigula: Arizona; Nevada; Utah
N. lepida: Arizona; Nevada; Utah
N. fuscipes: Arizona ("undoubtedly an error . . . should probably be ascribed to *N. albigula*."
N. fuscipes: Nevada
N. mexicana: Nevada; Utah
Onychomys leucogaster: Nevada
Peromyscus maniculatus: Nevada; Utah
Peromyscus: Nevada
P. crinitus: Utah
P. truei: Utah
P. eremicus: Utah
Reithrodontomys megalotis: Utah
Dipodomys ordii: Utah
D. merriami: Utah
Neotoma sp.: Utah
+*N. lepida lepida* (nest): Utah
N. cinerea: Utah; Wyoming
- Anomiopsyllus californicus*: Baker, 1904
Barnes, A. M.; Tipton, V. J.; and Wildie, J. A., 1977, Great Basin Nat., v. 37 (2), 138-206
as syn. of *Anomiopsyllus nudatus nudatus* (Baker)
- Anomiopsyllus californicus*: Fox, 1926 [? pro parte] (*nec* Baker, 1904)
Barnes, A. M.; Tipton, V. J.; and Wildie, J. A., 1977, Great Basin Nat., v. 37 (2), 138-206
as syn. of *A. falsicalifornicus falsicalifornicus* Fox
- Anomiopsyllus congruens* Stewart
Rutledge, L. C.; et al., 1979, J. Med. Entom., v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Lynx rufus: Fort Hunter Liggett, Monterey County, California

- Anomiopsyllus durangoensis* Holland, 1965, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
- Anomiopsyllus falsicalifornicus* Fox, 1929,
illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
synonymy, diagnosis
- Anomiopsyllus falsicalifornicus*: Fox, 1929
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *A. falsicalifornicus falsicali-*
fornicus Fox
- Anomiopsyllus falsicalifornicus congruens* Stew-
art, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
Syn.: *A. congruens* Stewart, 1940
Neotoma fuscipes
N. lepida
Eutamias merriami
Perognathus californicus
Spermophilus beecheyi
Peromyscus boyleyi
P. truei
Microtus californicus
all from California
- Anomiopsyllus falsicalifornicus falsicalifornicus*
Fox, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
synonymy, diagnosis, key
Neotoma lepida
N. fuscipes
all from California
- Anomiopsyllus hiemalis* Eads and Menzies, 1948
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *Anomiopsyllus nudatus hiemalis*
Eads and Menzies n. comb.
- Anomiopsyllus hiemalis hiemalis*: Holland, 1965
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *Anomiopsyllus nudatus hiemalis*
Eads and Menzies n. comb.
- Anomiopsyllus hiemalis mexicanus* Holland, 1965
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *Anomiopsyllus nudatus mexicanus*
Holland n. comb.
- Anomiopsyllus martini* Holland, 1965, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
Syn.: *Anomiopsyllus princei* Barnes, 1965
- Anomiopsyllus montanus* Collins, 1936, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
synonymy, diagnosis, key
- Anomiopsyllus nidiophilus* Tipton and Mendez,
1968, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
- Anomiopsyllus novomexicanensis* Williams and Hoff,
1951, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
Neotoma lepida: Arizona; New Mexico
N. micropus: New Mexico
N. albigula: New Mexico; Texas
N. canescens: New Mexico
N. mexicana: New Mexico
Neotoma sp.: New Mexico
Neotoma: Texas
Peromyscus boyleyi: New Mexico
Onychomys leucogaster: New Mexico
Dipodomys ordii: New Mexico
D. merriami: New Mexico
Peromyscus maniculatus: New Mexico
P. truei: New Mexico
"host unknown (*Onychomys leucogaster capit-*
latus?)": Arizona
- Anomiopsyllus novomexicanensis* Williams & Hoff
Graves, G. N.; et al., 1974, J. Med. Entom.,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Dipodomys spectabilis
D. merriami
D. ordii
Neotoma micropus
Sigmodon hispidus
Onychomys leucogaster
Peromyscus leucopus
Sylvilagus audubonii
all from Chaves County, New Mexico
- Anomiopsyllus nudatus* Stanford, 1931 (*nec* Baker,
1898)
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *A. amphibolus* Wagner, 1936
- Anomiopsyllus nudatus* Baker, 1904
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *Anomiopsyllus nudatus nudatus*
(Baker)
- Anomiopsyllus nudatus*: Dunn and Parker, 1923
(misidentification)
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *Anomiopsyllus montanus* Collins,
1936
- Anomiopsyllus nudatus*: Holdenreid and Morlan,
1955 [? pro parte]; Stark, 1959 [? pro parte]
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *Anomiopsyllus nudatus mexicanus*
Holland n. comb.

- Anomiopsyllus nudatus hiemalis* Eads and Menzies
n. comb., illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
synonymy, diagnosis, key
Neotoma sp.: Colorado; Kansas; Texas
N. albigula: Colorado; New Mexico; Oklahoma;
Texas
N. micropus: Kansas; Texas; Coahuila D.F.,
Mexico
+*N. micropus* (nest): Oklahoma
N. mexicana: Texas
N. floridana: Texas
Sigmodon hispidus: Kansas
Peromyscus pectoralis: Texas
Dipodomys spectabilis: Texas
- Anomiopsyllus nudatus mexicanus* Holland n. comb.,
illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
synonymy, diagnosis, key
Neotoma lepida: Arizona; Colorado; New
Mexico
Neotoma sp.: Arizona; Colorado; Kansas; New
Mexico; Utah; Wyoming
N. albigula: Arizona; Colorado; Nebraska;
New Mexico
N. cinerea: Arizona; Wyoming
N. mexicana: New Mexico
Peromyscus maniculatus: Arizona; New Mexico
Peromyscus sp.: Arizona; New Mexico
P. truei: New Mexico
P. eremicus: New Mexico
Dipodomys ordii: New Mexico
D. merriami: New Mexico
Spermophilus variegatus: New Mexico
- Anomiopsyllus nudatus nudatus* (Baker), illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
synonymy, diagnosis, key
Neotoma lepida: Arizona; California; Nevada
Neotoma sp.: California
N. fuscipes: California
N. albigula: Utah
N. mexicana: Utah
Dipodomys merriami: Arizona
Spermophilus harrissi: Arizona
Peromyscus maniculatus: Utah
- Anomiopsyllus oaxacae* Barnes, 1965, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
- Anomiopsyllus princei* Barnes, 1965
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
as syn. of *Anomiopsyllus martini* Holland,
1965
- Anomiopsyllus sinuatus* Holland, 1965, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
- Anomiopsyllus traubi* Barrera, 1951, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
- Anomiopsyllus walkeri* Barnes, 1965, illus.
Barnes, A. M.; Tipton, V. J.; and Wildie,
J. A., 1977, Great Basin Nat., v. 37 (2),
138-206
diagnosis, key
- Anoplura
van den Broek, E., 1977, Wetensch. Mededel. K.
Nederl. Natuurhist. Veren. (121), 1-32
Anoplura and Mallophaga of mammals, keys,
host list, illustrations, review: Netherlands
- Anoplura
Emerson, K. C., 1979, Lice in my life, 106
pp.
lice, history and status of taxonomic
research, museum collections, review;
bibliography of papers by K. C. Emerson
- Anoplura
Kim, K. C.; and Emerson, K. C., 1974, J. Med.
Entom., v. 11 (1), 107-111
list of known species of Madagascar Anoplura
and their hosts
- Anoplura order
Kim, K. C.; and Ludwig, H. W., 1978, Ann.
Entom. Soc. Am., v. 71 (6), 910-922
Psocodea, phylogenetic relationships of five
taxa analyzed cladistically, evaluation of
character complexes, theoretical aspects of
phylogenetic inferences on origin of higher
taxa
key
- Anoplura Leach, 1815
Lakshminarayana, K. V., 1976, Ang. Parasitol.,
v. 17 (3), 160-167
Siphunculophthirina Lakshminarayana, nom.
nov. pro *Siphunculata* Latreille, 1825 (or
Anoplura Leach, 1815)
- Anoplura
Palma, R. L., 1978, N. Zealand Entom., v. 6
(4), 432-436
slide-mounting of Mallophaga and Anoplura,
detailed description of Canada balsam tech-
nique for prolonged preservation
- Anoplura
Wegner, Z., 1972, Klucze Oznac. Owad. Polski
(73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epi-
demiology, collection, preservation, keys,
hosts: Poland
- Anousceps Zlotorzyczna, 1967
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus.
u. Inst., v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Antarctophthirus Enderlein
Kim, K. C.; and Emerson, K. C., 1974, J. Med.
Entom., v. 11 (4), 442-446
Echinophthiriidae
key
- Antricola marginatus* (Banks, 1910)
Hoffmann, A.; de Barrera, I. B.; and Mendez,
C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33,
151-159
murcielago (guano): cueva cercana, Playa
Vicente, Veracruz
- Aphanodomus terebellae*
Bresciani, J.; and Leutzen, J., 1975, Ophelia,
v. 13 (1-2), 1974-1975, 31-41
Thelepus cincinnatus

- Aplodontochirus borealis*
Whitaker, J. O., jr.; Maser, C.; and Wallace, W. M., 1979, Northwest Sc., v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Aplodontopus latus*
Whitaker, J. O., jr.; Maser, C.; and Wallace, W. M., 1979, Northwest Sc., v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Aplodontopus sciuricola*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Mustela frenata: Indiana
- Aponomma*
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
Ixodidae
key
- Aponomma exornatum* (Koch)
MacLeod, J.; and Mwanauo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
Varanus sp.: Zambia
- Aponomma flavomaculatum*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Varanus niloticus
V. exanthematicus
Python sebae
Naja melanoleuca
Varanus sp.
all from Haute-Volta
- Aponomma gervaisi*
Stephen, S.; and Rao, K. N. A., 1979, Indian J. Med. Research, v. 69, 244-246
Aponomma gervaisi infected with *Coxiella burnetii*
Ophiophagus hannah: Coondapoor, South Kanara district, Karnataka State
- Aponomma hydrosauri*
Bull, C. M., 1978, Austral. J. Zool., v. 26 (4), 689-697
Aponomma hydrosauri, dispersal distance measured by host movement, tests with paint-marked and radio-marked *Trachydosaurus rugosus*: near Tickera, Yorke Peninsula, South Australia
- Aponomma hydrosauri* (Denny)
Bull, C. M., 1978, Ecol. Entom., v. 3 (3), 171-179
Aponomma hydrosauri on *Trachydosaurus rugosus*, infestation levels and patterns, model proposed relating tick distribution pattern to particular problems of finding a host: near Tickera, South Australia
- Aponomma hydrosauri*
Bull, M.; and Sara, G. J., 1976, J. Med. Entom., v. 13 (2), 137-142
Aponomma hydrosauri, esterase polymorphism controlled by 2 alleles at single locus, geographical distribution of allele frequencies, implications for population structure
Trachydosaurus rugosus: upper Yorke Peninsula and Murray Mallee district, South Australia
- Aponomma inornatum*
Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
report to Toronto Public Health Laboratory: Zoological garden, Ontario, Canada
- Aponomma latum*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Python regius
Manis tricuspis
all from Sierra Leone
- Aponomma latum*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Naja melanoleuca
Python regius
P. sebae
Naja nigricollis
Psammophis elegans
P. sibilans
Causus rhombeatus
all from Haute-Volta
- Aponomma transversale*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Python regius: Haute-Volta
- Archaeopsylla erinacei*
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, Spain
- Archaeopsylla erinacei erinacei* (Bouche)
Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Archaeopsyllinae*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Pulicidae, key
- Archemyobia inexpectatus* Jameson
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Didelphis marsupialis: Fort Dix, New Jersey
- Archemyobia inexpectatus*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Archemyobia pectinata*
Lukoschus, F. S.; Dusbabek, F.; and Jameson, E. W., jr., 1972, Acarologia, v. 14 (2), 179-189
Philander opossum fuscogriseus: near Quebrada Bonita, Panama
- Archemyobia philander spec. nov.*, illus.
Lukoschus, F. S.; Dusbabek, F.; and Jameson, E. W., jr., 1972, Acarologia, v. 14 (2), 179-189
Philander o. opossum: Coronie and Lelydorp, Surinam
P. opossum fuscogriseus: near Quebrada Bonita, Panama
- Arctopsylla montanus*: Jellison, Kohls, and Mills, 1943 (error for *Anomiopsyllus*)
Barnes, A. M.; Tipton, V. J.; and Wildie, J. A., 1977, Great Basin Nat., v. 37 (2), 138-206
as syn. of *Anomiopsyllus montanus* Collins, 1936

- Ardeicola fissomaculatus* (Giebel, 1874)
Kigaye, M. K., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 295-298
Leptoptilos crumeniferus (feathers): Mukuno abattoir, about 16 km from Kampala, Uganda
- Argas* sp.
Mitchell, R.; and Punzo, F., 1976, J. Bombay Nat. Hist. Soc., v. 73 (1), 84-87
Eptesicus sp.: Sankhuwasabha, Nepal
- Argas* sp.
Sharma, B. D.; and Sharma, T., 1976, Indian J. Animal Sc., v. 44 (9), 1974, 709-712
[no host]: Jammu Province, India
- Argas* (*Carios*) sp.
Sharma, B. D.; and Sharma, T., 1976, Indian J. Animal Sc., v. 44 (9), 1974, 709-712
Pipistrellus mimus: Jammu Province, India
- Argas* (*Argas*) *africolumbae* n. sp., illus.
Hoogstraal, H.; et al., 1975, J. Med. Entom., v. 12 (2), 194-201
Argas africolumbae n. sp., vector of Pretoria virus
Geronticus calvus (wings): Madikoto, Pietersburg, Transvaal, Republic of South Africa
interior of house: Derdepoort, Pretoria
+*Ptyonoprogne fuligula rufigula* (nest): Ukazzi Hill, Kitui District, Eastern Province, Kenya
+woman (clothes): Kajiado, Rift Valley Province, Kenya
domestic chickens (exper.)
domestic pigeons (exper.)
- Argas* (*Argas*) *africolumbae* Hoogstraal et al., 1975
Converse, J. D.; et al., 1975, J. Med. Entom., v. 12 (2), 202-205
Argas africolumbae, vector of Pretoria virus
- Argas* (*A.*) *africolumbae*
Hoogstraal, H.; et al., 1977, J. Med. Entom., v. 13 (4-5), 441-445
Argas africolumbae, variation, distribution, hosts and habitats, preliminary life cycle studies
+*Myrmecocichla cinnamomeiventris subrufipennis* (nest): Kenya; Tanzania
+*Hirundo daurica emini* (nest): Kenya
+*Hirundo* sp. (nests): Kenya; Tanzania
+*Columba g. guinea* (nesting area): Kenya
+*Onycognathus rueppelli* (nesting area): Kenya
+*Hirundo abyssinica unitatis* (nests): Tanzania
+*Hirundo fuligula fusciventris* (nest): Tanzania
+*Hirundo fuligula anderssoni* (nests): South-West Africa (Namibia)
domestic pigeon (exper.)
- Argas* (*Persicargas*) *arboreus*, illus.
Diab, F. M.; and Soliman, Z. R., 1977, Ztschr. Parasitenk., v. 53 (2), 201-212
Argas spp., localization and density of *Borrelia anserina*, agent of avian spirochetosis: Egypt
- Argas* (*Persicargas*) *arboreus*
Isaac, I. S., 1977, J. Med. Entom., v. 13 (4-5), 609-611
Argas arboreus, effect of blood meal weight on nymphal instar numbers
- Argas* (*Persicargas*) *arboreus* Kaiser, Hoogstraal & Kohls
Khalil, G. M., 1974, J. Med. Entom., v. 11 (3), 363-366
Argas arboreus, diapause incidence, intensity, and seasonal distribution in field collected vs. laboratory-reared females
- Argas* (*Persicargas*) *arboreus*
Khalil, G. M., 1979, J. Parasitol., v. 65 (2), 321-323
Argas arboreus, fecundity reduction as result of crowding
- Argas* (*Persicargas*) *arboreus*
Khalil, G. M.; and Shanbaky, N. M., 1976, J. Insect Physiol., v. 22 (12), 1659-1663
Argas arboreus, hormonal control of diapause
- Argas* (*Persicargas*) *arboreus*
Zaher, M. A.; Soliman, Z. R.; and Diab, F. M., 1977, Ztschr. Parasitenk., v. 53 (2), 213-223
Argas spp., transstadial survival and trans-ovarial transmission of *Borrelia anserina*, agent of avian spirochetosis: Egypt
- Argas* (*Chiropterargas*) *boueti* Roubaud et Colas-Belcour, 1933
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Rhinopoma hardwickei
R. microphyllum
all from Afghanistan
- Argas boueti*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
Otomops martiensseni: Kenya
- Argas coniceps* Canestrini (1890)
Hoogstraal, H.; Clifford, C. M.; and Keirans, J. E., 1979, J. Parasitol., v. 65 (3), 395-407
as syn. of *Ornithodoros* (*Alectorobius*) *coniceps* (Canestrini 1890)
- Argas conicipiti* Canestrini
Hoogstraal, H.; Clifford, C. M.; and Keirans, J. E., 1979, J. Parasitol., v. 65 (3), 395-407
as syn. of *Ornithodoros* (*Alectorobius*) *coniceps* (Canestrini 1890)
- Argas cooleyi* Kohls & Hoogstraal
Howell, F. G., 1975, J. Med. Entom., v. 11 (6), 715-723
Argas cooleyi unfed adults, behavioral changes induced by host odor, breath (CO₂), and body temperature in relation to host-finding activities and provoking a feeding response
- Argas cooleyi* Kohls & Hoogstraal
Wilson, N., 1978, Entom. News, v. 89 (3-4), 77-78
+*Petrochelidon pyrrhonota* (nests): Washabaugh County, South Dakota
- Argas* (*A.*) *cooleyi*
Yunker, C. E.; et al., 1977, Acta Virol., Internat. J., English ed., v. 21 (1), 36-44
Sunday Canyon virus isolated from *Argas cooleyi*: Randall County, Texas
- Argas* (*Argas*) *hermanni*
Diab, F. M.; and Soliman, Z. R., 1977, Ztschr. Parasitenk., v. 53 (2), 201-212
Argas spp., localization and density of *Borrelia anserina*, agent of avian spirochetosis: Egypt

- Argas* (*Argas*) *hermanni* Audouin
Khalil, G. M.; and Metwally, S. A., 1974, J. Med. Entom., v. 11 (3), 355-362
Argas hermanni, pigeons (exper.), life cycle
- Argas hermanni*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Francolinus bicalcaratus
Tyto alba affinis
Columba livia
all from Haute-Volta
- Argas* (*Argas*) *hermanni*
Zaher, M. A.; Soliman, Z. R.; and Diab, F. M., 1977, Ztschr. Parasitenk., v. 53 (2), 213-223
Argas spp., transstadial survival and trans-ovarial transmission of *Borrelia anserina*, agent of avian spirochetosis: Egypt
- Argas japonicus*
Takada, N.; Fujita, H.; and Yamaguchi, T., 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 216-218
human: northern part of Honshu, Japan
- Argas persicus*
Bijwal, D. L.; and Dhawedkar, R. G., 1978, Indian Vet. J., v. 55 (3), 256-257
Argas persicus, feeding on penicillin-treated, hyperimmunised (against spirochaete strain), and hyperimmunised plus penicillin-treated fowl did not eliminate spirochaete infection in ticks
- Argas persicus* (Oken, 1818), *illus.*
Chinery, W. A., 1974, J. Med. Entom., v. 11 (4), 480-487
Argas persicus salivary glands, Types I and II^v *alveoli*, cytological and histochemical observations, structure and function compared with those of other ticks
- Argas* (*Persicargas*) *persicus*
Diab, F. M.; and Soliman, Z. R., 1977, Ztschr. Parasitenk., v. 53 (2), 201-212
Argas spp., localization and density of *Borrelia anserina*, agent of avian spirochetosis: Egypt
- Argas persicus*
El-Bahay, G. H.; et al., 1978, Vet. Med. J., Giza, v. 24 (24), 1976, 205-213
Hyalomma dromedarii, *Argas persicus*, evaluation of 10 insecticides
- Argas persicus*
Frolov, B. A.; et al., 1978, Veterinariia, Moskva (11), 75-76
Dermanyssus gallinae, *Argas persicus*, chickens, acaricides tested
- Argas persicus* (Oken)
Galun, R.; Sternberg, S.; and Mango, C., 1978, Bull. Entom. Research, v. 68 (1), 153-157
Argas persicus, *Ornithodoros tholozani*, *O. moubata*, effects of several laboratory animals on tick feeding behaviour and reproduction
- Argas persicus*
Glukhov, V. F.; et al., 1978, Veterinariia, Moskva (9), 53-55
Argas persicus, hosts and vectors of poultry
Mycoplasma gallisepticum
- Argas* (*Persicargas*) *persicus*
Gothe, R.; and Englert, R., 1978, Zentralbl. Vet.-Med., Reihe B, v. 25 (2), 122-133
Argas radiatus, *A. persicus*, *A. sanchezi*, paralysis in chickens, degree of paresis directly proportional to number of larvae and independent of tick species used
- Argas persicus*
Gresikova, M.; et al., 1979, Acta Virol., Internat. J., English ed., v. 23 (1), 82-85
Argas persicus, sentinel chicken, isolation of undescribed virus: western Slovakia
- Argas persicus*
Janbakhsh, B.; and Ardelan, A., 1976, J. Vet. Fac. Univ. Tehran, v. 32 (1-4), 65-76
found in houses and barns: Kazeroun area, Iran
- Argas persicus*
Orichova, M.; Osman, O. M.; and Ali, A. A., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 321-328
Argas persicus, distribution in poultry farms, egg and larval development studied at various humidities: Khartoum Province, Sudan
- Argas persicus*
Rehacek, J.; Urvolgyi, J.; and Kovacova, E., 1977, Acta Virol., Internat. J., English ed., v. 21 (5), 431-438
Argas persicus, massive infection with rickettsiae of spotted fever group: Armenian S.S.R.
- Argas* (*Persicargas*) *persicus*
Sharma, B. D., 1979, Poultry Adviser, v. 12 (8), 63-64
Argas persicus, poultry, neurotoxic symptoms: Jammu province, Jammu and Kashmir State, India
- Argas* (*Persicargas*) *persicus* (Oken)
Sharma, B. D.; and Sharma, T., 1976, Indian J. Animal Sc., v. 44 (9), 1974, 709-712
synonymy
fowl: Jammu Province, India
- Argas persicus*
Soni, J. L., 1979, Indian Vet. J., v. 56 (2), 149-150
Argas persicus, chickens, outbreak of tick paralysis
- Argas* (*Persicargas*) *persicus*
Zaher, M. A.; Soliman, Z. R.; and Diab, F. M., 1977, Ztschr. Parasitenk., v. 53 (2), 213-223
Argas spp., transstadial survival and trans-ovarial transmission of *Borrelia anserina*, agent of avian spirochetosis: Egypt
- Argas* (*A.*) *polonicus* sp. n., *illus.*
Siuda, K.; et al., 1979, J. Parasitol., v. 65 (1), 170-181
Columba livia: steeple tower of St. Mary's Church, Krakow, Poland
- Argas* (*Persicargas*) *radiatus*
Gothe, R.; and Englert, R., 1978, Zentralbl. Vet.-Med., Reihe B, v. 25 (2), 122-133
Argas radiatus, *A. persicus*, *A. sanchezi*, paralysis in chickens, degree of paresis directly proportional to number of larvae and independent of tick species used

- Argas reflexus* (F.)
Hoogstraal, H.; Clifford, C. M.; and Keirans, J. E., 1979, *J. Parasitol.*, v. 65 (3), 395-407
as syn. of *Ornithodoros* (*Alectorobius*) *coniceps* (Canestrini 1890)
- Argas* (*Persicargas*) *sanchezi* Duges, 1887
DaMassa, A. J.; and Adler, H. E., 1979, *Am. J. Vet. Research*, v. 40 (1), 154-157
Argas sanchezi, chicks, natural transmission of *Borellia anserina*
- Argas* (*Persicargas*) *sanchezi*
Gothe, R.; and Englert, R., 1978, *Zentralbl. Vet.-Med.*, Reihe B, v. 25 (2), 122-133
Argas radiatus, *A. persicus*, *A. sanchezi*, paralysis in chickens, degree of paresis directly proportional to number of larvae and independent of tick species used
- Argas* (*Persicargas*) *streptopelia*
Diab, F. M.; and Soliman, Z. R., 1977, *Ztschr. Parasitenk.*, v. 53 (2), 201-212
Argas spp., localization and density of *Borrelia anserina*, agent of avian spirochetosis: Egypt
- Argas* (*Persicargas*) *streptopelia*
Zaher, M. A.; Soliman, Z. R.; and Diab, F. M., 1977, *Ztschr. Parasitenk.*, v. 53 (2), 213-223
Argas spp., transstadial survival and transovarial transmission of *Borrelia anserina*, agent of avian spirochetosis: Egypt
- Argas tholozani* Laboulbene & Megnin
Sharma, B. D.; and Sharma, T., 1976, *Indian J. Animal Sc.*, v. 44 (9), 1974, 709-712
as syn. of *Ornithodoros tholozani* (Laboulbene & Megnin)
- Argas* (*Secretargas*) *transgaripepinus* White, 1846
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Eptesicus serotinus: Afghanistan
- Argas* (*Carios*) *vespertilionis* (Latr.)
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
synonymy
Pipistrellus pipistrellus
Myotis longipes
Scotophilus heathi
Eptesicus nasutus
E. serotinus
Pipistrellus coromandra
all from Afghanistan
- Argas vespertilionis* s.l.
Kamimura, K.; and Kondo, K., 1977, *Eisei Dobutsu* (Japan. *J. San. Zool.*), v. 28 (2), 248-249
humans: Japan
- Argas vespertilionis*
Mitchell, R.; and Punzo, F., 1976, *J. Bombay Nat. Hist. Soc.*, v. 73 (1), 84-87
Nyctalus leisleri: Dang-Deokhuri
Scotophilus heathi: Banke
all from Nepal
- Argas* (*Carios*) *vespertilionis* (Latreille)
Sharma, B. D.; and Sharma, T., 1976, *Indian J. Animal Sc.*, v. 44 (9), 1974, 709-712
Pipistrellus mimus: Jammu Province, India
- Argas vespertilionis*
Takada, N.; Fujita, H.; and Yamaguchi, T., 1978, *Eisei Dobutsu* (Japan. *J. San. Zool.*), v. 29 (2), 216-218
human: northern part of Honshu, Japan
- Argas* (*Persicargas*) *walkerae*
Gothe, R.; and Guizar, R. C., 1979, *Zentralbl. Vet.-Med.*, Reihe B, v. 26 (4), 290-303
Argas walkerae, chickens (exper.), in vivo model for evaluating detaching potential of various acaricides
- Argas* (*Persicargas*) *walkerae* Kaiser and Hoogstraal, 1969
Gothe, R.; and Hartmann, S., 1979, *Ztschr. Parasitenk.*, v. 58 (2), 189-190
Aegyptianella pullorum, cryopreservation does not affect ability to propagate in *Argas walkerae*
- Argas* (*Persicargas*) *walkerae*
Kunze, K.; and Gothe, R., 1978, *Ztschr. Parasitenk.*, v. 56 (3), 275-285
Argas walkerae, in vitro effects of tick paralysis toxin on chicken peripheral nerves under oxygen saturated and anoxic conditions
- Argasidae*
Sonenshine, D. E., 1979, *Research Div. Bull.* (139), Virginia Polytech. Inst. and State Univ., 42 pp.
Metastigmata
key
- Argasidae*
Tesik, I., 1978, *Biol. a Chem. Zivoc. Vyroby, Vet.*, v. 14 (v. 20) (4), 379-384
ectoparasites of reptiles, arpalit spray, toxicity to snakes and tortoise tested, TMB-4 as antidote
- [*Argulus*] *arguleza*
Bachinskii, V. P., 1969, *Rybn. Khoziaist.*, Kiev (8), 104-106
parasites as possible causes of epizootics in fish: Kremenchugsk reservoir
- Argulus*
Wang, K., 1961, *Tung Wu Hsueh Pao* (*Acta Zool. Sinica*), v. 13 (1-4), 154-170
key to Chinese species
includes: *A. mugili*; *A. chinensis*; *A. taliensis*; *A. major*; *A. ellipticaudatus*; *A. kumingensis*; *A. mongolianus*; *A. yuii*; *A. yunnanensis*; *A. coregoni*; *A. tientsienensis*; *A. japonicus*
- Argulus* sp.
Deutsch, W. G., 1977, *Proc. Pennsylvania Acad. Sc.*, v. 51 (2), 122-124
Catostomus commersoni (gills, fins, body surface)
Carpiodes cyprinus (body surface)
Micropterus dolomieu (body surface)
Stizostedion vitreum (body surface)
all from Susquehanna River, Pennsylvania
- Argulus* sp.
Riley, D. M., 1978, *Tr. Am. Fish. Soc.*, v. 107 (1), 207-212
Lepomis macrochirus
Micropterus salmoides
Erimyzon sucetta
all from Florida
- Argulus* sp.
Rogers, W. A.; and Hawke, J. P., 1978, *Tr. Am. Micr. Soc.*, v. 97 (2), 244
Dorosoma cepedianum: Tennessee

- Argulus alosa* Gould 1841
 Appy, R. G.; and Dadswell, M. J., 1978,
 Canad. J. Zool., v. 56 (6), 1382-1391
Acipenser brevirostrum (external): Saint
 John River estuary, N.B., Canada
- Argulus chinensis* Ku et al., 1955
 Wang, K., 1961, Tung Wu Hsueh Pao (Acta Zool.
 Sinica), v. 13 (1-4), 154-170
Argulus spp., key, ecology and life history
- Argulus coregoni*, illus.
 Aagaard, K., 1978, Fauna, Oslo, v. 31 (1),
 23-28
Argulus coregoni, new method for catching
 fish louse, trapping free-living stage,
 growth patterns: Lake Malsjoen, Sor-Tron-
 delag
- Argulus foliaceus*
 Afanas'ev, V. I., 1978, Veterinariia, Moskva
 (8), 71-72
Lernaea cyprinacea, *Argulus foliaceus*,
 P[osthodiplostomum] cuticola, pathology in
 fish
- Argulus foliaceus*
 Astakhova, T. V.; and Stepanova, G. A., 1972,
 Parazitologiya, Leningrad, v. 6 (4), 364-368
Ctenopharyngodon idella (skin): pond and
 spawning-nursery fisheries, Volga delta
- Argulus foliaceus*
 Canic, J.; Stojadinovic, V.; and Zivkovic, N.,
 1977, Vet. Glasnik, v. 31 (4), 297-298
Argulus foliaceus, cause of death in carp
 offspring, fishpond: village Nakrivnje,
 Leskovac region
- Argulus foliaceus* (L.)
 Czczuga, B., 1971, Acta Parasitol. Polon.,
 v. 19 (9-18), 185-194
Argulus foliaceus on *Gasterosteus aculeatus*,
 comparative studies on occurrence of caro-
 tenoids in host-parasite system, not all
 carotenoids found in host are assimilated by
A. foliaceus, some are specific to parasite
- Argulus foliaceus*
 Linnik, V. Ia.; and Zen'kovich, E. M., 1970,
 Nauch. Trudy, Nauchno-Issled. Vet. Inst.,
 v. 8, 109-114
 +[fish]: Neman river basin
- Argulus foliaceus*
 Moeller, H., 1978, J. Fish Biol., v. 12 (4),
 311-323
 fish parasites, effects of salinity and
 temperature on development and survival of
 parasitic and free-living stages
- Argulus foliaceus*
 Otvodova, G. D., 1975, Izvest. Gosudarstv.
 Nauchno-Issled. Inst. Ozer. i Rech. Ryb.
 Koziastva, Leningrad, v. 93, 112-116
 [Abramis brama] (gills): Pskov-Chudskoe
 lake
- Argulus foliaceus*
 Pfeil-Putzien, C., 1978, Zentralbl. Vet.-Med.,
 Reihe B, v. 25 (4), 319-323
Argulus foliaceus, experimental transmission
 of spring viraemia to carp
- Argulus foliaceus* L., 1758
 Schlueter, U., 1978, Zool. Anz., Jena, v. 200
 (1-2), 85-91
Argulus foliaceus, localization on integu-
 ment of *Xiphophorus helleri* and occurrence of
 free-swimming parasites in relation to water
 temperature and to parasite age and sex
- Argulus foliaceus*
 Shoshkov, D.; and Kolarova, V., 1977, Vet.
 Med. Nauki, v. 14 (8), 91-98
Argulus foliaceus, *Dactylogyrus extensus*,
 carp, neguvon, chlorophos, good results
- Argulus foliaceus* (Linnaeus, 1758)
 Wierzbicki, K., 1970, Acta Parasitol. Polon.,
 v. 18 (1-12), 45-55
Perca fluviatilis: Lake Dargin, Mazurian
 Lakeland, Poland
- Argulus maculosus* Wilson
 Knuckles, J. L., 1978, J. Parasitol., v. 64
 (5), 802
Chaenobryttus coronarius: Sand Hole, Lumber-
 ton, North Carolina
- Argulus mugili* sp. nov., illus.
 Wang, K., 1961, Tung Wu Hsueh Pao (Acta Zool.
 Sinica), v. 13 (1-4), 1-10
Mugil sp. (body surface): artificial fish-
 culturing pond, Shehyang Hsien, Kiangsu Pro-
 vince
- Argulus tientsinensis* Ku et Wang, 1956
 Wang, K., 1961, Tung Wu Hsueh Pao (Acta Zool.
 Sinica), v. 13 (1-4), 154-170
Argulus spp., key, ecology and life history
- Argulus yuii* Wang, 1958
 Wang, K., 1961, Tung Wu Hsueh Pao (Acta Zool.
 Sinica), v. 13 (1-4), 154-170
Argulus spp., key, ecology and life history
- Arisocerus*
 Brennan, J. M.; and van Bronswijk, J. E. M. H.,
 1975, J. Med. Entom., v. 12 (2), 243-249
 key
- Arisocerus amapensis* Brennan, 1970
 Brennan, J. M.; and van Bronswijk, J. E. M. H.,
 1975, J. Med. Entom., v. 12 (2), 243-249
 key
Proechimys guyannensis: Surinam
- Armillifer*
 Yamamoto, H.; et al., 1978, Snake, v. 10 (2),
 143-147
 key
- Armillifer agkistrodontis* Self & Kuntz, 1966,
 illus.
 Yamamoto, H.; et al., 1978, Snake, v. 10 (2),
 143-147
 Japan
- Armillifer armillatus*
 Azinge, N. O.; et al., 1978, J. Trop. Med. and
 Hyg., v. 81 (5), 76-79
Armillifer armillatus, calcified nymphs in
 65-year-old man, survey of his household
 group, history of eating snakes: Ayogwiri
 Village (near Auch), Bendel State, Nigeria

- Armillifer armillatus*, illus.
Bygbjerg, I. C.; and Rask, M. P., 1978, Tr.
Roy. Soc. Trop. Med. and Hyg., v. 72 (1), 54-55
Armillifer armillatus, abdominal pentastomiasis in man (in tumor of omentum, on peritoneum of intestines and abdominal wall) with associated cancer of colon, case report, infection possibly originated from drinking water contaminated by snakes or from eating snake or crocodile meat: Zaire
- Armillifer armillatus*, illus.
von Haffner, K., 1977, Zool. Anz., Jena, v. 199 (5-6), 353-370
- Armillifer armillatus*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Python regius: Sierra Leone
- Armillifer armillatus*
Ogunsusi, R. A.; and Mohammed, A. N., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (3), 361-362
Armillifer armillatus in *Pan troglodytes* (mesentery, lung, parenchyma of liver), fatal infection: Kano State Zoological Garden, West Africa (captured wild)
- Armillifer armillatus*
Reeder, M. M., 1975, Seminars Roentgenol., v. 10 (3), 229-243
parasitic infections of human liver and bile ducts, radiologic diagnosis, general review
- Armillifer grandis* (Hett, 1915), illus.
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
Japan
- Armillifer moniliformis*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Pan troglodytes: Sierra Leone
- Armillifer moniliformis*
Reeder, M. M., 1975, Seminars Roentgenol., v. 10 (3), 229-243
parasitic infections of human liver and bile ducts, radiologic diagnosis, general review
- Armillifer moniliformis*
Wong, M. M.; and Conrad, H. D., 1978, Lab. Animal Sc., v. 28 (4), 412-416
Macaca: wild caught in Asia, maintained at National center for Primate Biology
Python sp. (exper.)
- Armillifer moniliformis* (Diesing, 1836), illus.
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
Japan
- Asca bicornis* (Can. et Fanz.)
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Ascetomylla new genus*
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: *Ascetomylla gallinula* n. sp.
- Ascetomylla gallinula* n. sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Gallinula chloropus: Johannesburg, Transvaal, Union of South Africa
- Ascidae undet. spp.
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
all from Tonden, Sapporo, Hokkaido
- Ascodipteron, undescribed species, illus.
Stiller, D., 1976, J. Med. Entom., v. 13 (3), 374-375
Hipposideros diadema (interfemoral membrane): Dark Cave, Batu Caves, State of Selangor, Malaysia
- Ascodipteron variisetosum
Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
Hipposideros commersoni (along forearm): Kenya
- Ascoschoengastia* sp.
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Pentalagus furnessi: Amami Island, Japan
- Ascoschoengastia accola*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys fellowsi (ear)
Pseudocheirus cupreus (intranasal)
P. forbesi (intranasal)
Phalanger vestitus (intranasal)
Anisomys imitator (intranasal)
Melomys sp. (intranasal)
M. rubex (intranasal)
Rattus niobe (intranasal)
all from Papua New Guinea
- Ascoschoengastia browni* n. sp., illus.
Taufflieb, R.; Mouchet, J.; and Courtois, D., 1972, Acarologia, v. 14 (1), 59-65
Procavia sp.: Tadjoura, dans le Territoire Francais des Afars et des Issas
- Ascoschoengastia ctenacarus*
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Pentalagus furnessi: Amami Island, Japan
- Ascoschoengastia elongotarsala*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp. (intranasal): Papua New Guinea

- Ascoschoengastia goilala*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp.
M. rubex
Paraleptomys wilhelmina
Pogonomelomys ruemmleri
Pogonomys sp.
Pogonomys sylvestris
Rattus niobe
(intranasal of all): all from Papua New Guinea
- Ascoschoengastia improcera*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp.
M. rubex
(intranasal of all): all from Papua New Guinea
- Ascoschoengastia indica*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Hydromys chrysogaster (ear)
Rattus sp. (ear, ear fringe)
Melomys moncktoni (ear fringe)
Rattus leucopus
Rattus ruber (ear tragus)
all from Papua New Guinea
- Ascoschoengastia indica*
Shirai, A.; et al., 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 356-360
Rickettsia tsutsugamushi infections in chiggers and small mammals on mature oil palm estate: Peninsular Malaysia
- Ascoschoengastia* (*Laurentella*) *indica* Hirst
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Rattus rattus: Maharashtra State, India
- Ascoschoengastia indigena*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp. (intranasal): Papua New Guinea
- Ascoschoengastia libbymanae*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Lorentzimys nouhuysi (intranasal): Papua New Guinea
- Ascoschoengastia lorentzimys*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Lorentzimys nouhuysi
Paraleptomys wilhelmina
(intranasal of all): all from Papua New Guinea
- Ascoschoengastia maculata* n. sp., illus.
Goff, M. L., 1979, J. Med. Entom., v. 15 (5-6), 533-536
Phalanger maculatus: Southern Highlands District, Tari, Papua New Guinea
Pseudocheirus corinnae: Morobe District, Wau, Mt. Kaindi, Papua New Guinea
Dactylonax palpator: West Sepik District, Telefomin, Papua New Guinea
D. trivirgata: West Sepik District, Telefomin, and Feramin, nr Telefomin, Papua New Guinea
Phalanger vestitus: West Sepik District, Telefomin, Papua New Guinea; Tari, Papua New Guinea
Pseudocheirus forbesi: Southern Highlands District, Koroba, Papua New Guinea
- Ascoschoengastia melanesiana*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Anisomys imitator
Melomys sp.
M. rubex
Pogonomelomys ruemmleri
Rattus niobe
R. ruber
(intranasal of all): all from Papua New Guinea
- Ascoschoengastia metatarsalis*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp. (intranasal): Papua New Guinea
- Ascoschoengastia mukoyamai* n. sp., illus.
Takada, N., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 99-106
Nyctalus lasiopterus aviator (inside of pinna): Kushibiki-Hachimangu Temple, Hachinohe City, Aomori Pref., Japan
Vespertilio orientalis (external auditory canal): Sakaizeki, Hirosaki City, Aomori Pref., Japan
- Ascoschoengastia narai* n. sp., illus.
Takada, N., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 99-106
Vespertilio orientalis (external auditory canal): Budohara Primary School, Tohoku-cho, Aomori Prefecture, Japan
Nyctalus lasiopterus aviator (external auditory canal): Hirosaki Park, Hirosaki City, Aomori Prefecture, Japan
- Ascoschoengastia noborui*
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Pentalagus furnessi
Rattus rattus
all from Amami Island, Japan
- Ascoschoengastia sepikensis* n. sp., illus.
Goff, M. L., 1979, J. Med. Entom., v. 15 (5-6), 533-536
Dactylopsila trivirgata: West Sepik District, Telefomin, and Feramin, nr Telefomin, Papua New Guinea
Pseudocheirus corinnae: Morobe District, Wau, Mt. Kaindi, Papua New Guinea

- Astrocotes Keler*, 1939
Zlotorzyska, J., 1972, Klucze Oznac. Owad.
Polski (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-
families, genera, and species, systematics,
hosts: Poland
- Atyphloceras bishopi* Jordan
Main, A. J.; et al., 1979, Entom. News, v. 90
(3), 135-140
Clethrionomys gapperi: Massachusetts
Microtus pinetorum: Connecticut
- Atyphloceras multidentatus* (C. Fox)
Rutledge, L. C.; et al., 1979, J. Med. Entom.,
v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic
plague, field studies
Peromyscus maniculatus: Fort Hunter Liggett,
Monterey County, California
- Atyphloceras nuperus* (Jordan 1931)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1),
69-86
Pyrenees-Orientales, France; Lerida, Spain
- Atyphloceras nuperum*
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle
Sudetes), Poland
- Atyphloceras nuperum*
Haitlinger, R., 1978, Polskie Pismo Entom.,
v. 48 (3), 287-309
Clethrionomys glareolus
Apodemus tauricus
all from west and east Beskid (Poland)
- Auchenochondria* gen. n.
Dojiri, M.; and Perkins, P. S., 1979, J. Para-
sitol., v. 65 (5), 794-803
Chondracanthidae
tod: *A. lobosa* sp. n.
- Auchenochondria lobosa* sp. n. (tod), illus.
Dojiri, M.; and Perkins, P. S., 1979, J. Para-
sitol., v. 65 (5), 794-803
Paralichthys californicus (oral cavity):
Agua Hedionda Lagoon, Carlsbad, California
- Audytrombicula* (*Audytrombicula*) *taumasia* Ver-
cammen-Grandjean, 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17
(1), 61-76
Rhinopoma hardwickei
Miniopterus schreibersi
all from Afghanistan
- Aureliania pternistis* Fain, 1963
Kaneko, K.; Kadosaka, T.; and Toshioka, S.,
1977, Eisei Dobutsu (Japan. J. San. Zool.), v.
28 (2), 161-165
as syn. of *Neoboydaia pternistis* Fain, 1963
- Austromenopon* sp.
Fitzpatrick, C.; and Threlfall, W., 1977,
Canad. J. Zool., v. 55 (7), 1205-1209
Oceanodroma leucorhoa: Gull Island, Witless
Bay, Newfoundland, Canada
- Austromenopon aegialitidis*
Mester, H., 1978, Ang. Parasitol., v. 19 (1),
20-28
Actornithophilus gracilis, *Austromenopon*
aegialitidis, *Quadriceps junceus*, lapwing
nestlings, correlation between number of
lice and host age, food preferences of both
sexes of lice, overcrowding
- Austromenopon nigropleurum*
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and *Austromeno-*
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships
- Austromenopon nigropleurum* (Denny, 1842), illus.
Eveleigh, E. S.; and Threlfall, W., 1974, Proc.
Entom. Soc. Wash., v. 76 (3), 270-277
redescription
Fratercula arctica
Plautus alle
(on breast of both): both from Hillgrade,
New World Island, Notre Dame Bay, Newfound-
land, Canada
- Austromenopon nigropleurum* (Denny, 1842)
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and inten-
sity, seasonal and annual data, burdens of
adult hosts vs. chicks, distribution on
host, louse population structure
Fratercula arctica: Witless Bay Sea Bird
Sanctuary
Plautus alle: Notre Dame Bay
Alca torda
all from Newfoundland, Canada
- Austromenopon nigropleurum* (Denny) 1842
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Nor-
wegian J. Entom.), v. 24 (1), 37-41
Uria lomvia: Jan Mayen Island, Norway
- Austromenopon phippsi* n. sp., illus.
Eveleigh, E. S.; and Threlfall, W., 1974, Proc.
Entom. Soc. Wash., v. 76 (3), 270-277
Uria lomvia (on breast): Hillgrade, New
World Island, Notre Dame Bay, and Green
Island, Witless Bay, Newfoundland, Canada
- Austromenopon phippsi*
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and *Austromeno-*
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships
- Austromenopon phippsi* Eveleigh and Threlfall,
1974
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and inten-
sity, seasonal and annual data, burdens of
adult hosts vs. chicks, distribution on
host, louse population structure
Uria lomvia: Notre Dame Bay, Newfoundland,
Canada
- Austromenopon transversum* ?
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and *Austromeno-*
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships
Xema sabini: Ontario
- Austromenopon uriae*
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and *Austromeno-*
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships

- Austromenopon uriae* Timmerman, 1954
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and inten-
sity, seasonal and annual data, burdens of
adult hosts vs. chicks, distribution on
host, louse population structure
Uria aalge: Witless Bay Sea Bird Sanctuary,
Newfoundland, Canada
- Baeoetenus bicolor* Saether
Gordon, M. J.; Swan, B. K.; and Paterson,
C. G., 1978, J. Fish Research Bd. Canada,
v. 35 (1), 154-157
Baeoetenus bicolor, yearly fluctuations in
frequency and period of occurrence, mean
density
Anodonta cataracta
A. implicata
(mantle cavities of all): all from Morice
Lake, New Brunswick
- Bakerdania* sp.
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania* sp.
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania* sp.
Whitaker, J. O., jr.; Maser, C.; and Pedersen,
R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Neurotrichus gibbsi
Scapanus townsendi
(fur of all): all from Oregon
- Bakerdania bavarica* (Krczal)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania bavarica*
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania cultrata* (Berl.)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Apodemus sylvaticus
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania cultrata*
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus sylvaticus
all from Gory Sowie (Middle Sudetes), Poland
- Balustium* sp.
Harlan, H. J.; and Kramer, R. D., 1979, Entom.
News, v. 90 (2), 79-87
Tamius striatus: Fort Dix, New Jersey
- Basanistes briani* Markevich, 1936
Hanek, J.; and Dulmaa, A., 1970, Folia Parasitol.,
v. 17 (1), 77-80
Brachymystax lenok (inner surface of opercu-
lum): Mongolia
- Basanistes woskoboinkovi* Markevich, 1936
Hanek, J.; and Dulmaa, A., 1970, Folia Parasitol.,
v. 17 (1), 77-80
Hucho taimen
Brachymystax lenok
(internal surface of operculum of all): all
from Mongolia
- Basilisa anomala* Guimaraes and D'Andretta, 1956,
illus.
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Rhogeessa tumida: Miranda, Venezuela
- Basilisa ansifera*
Whitaker, J. O., jr.; and Mumford, R. E.,
1978, J. Mamm., v. 59 (3), 632-634
Eptesicus rendalli: Kenya
- Basilisa boardmani*
Foster, G. W., 1979, J. Parasitol., v. 65 (3),
465-466
Myotis austroriparius: north-central
Florida
- Basilisa dubia* Guimaraes and D'Andretta, 1956
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Myotis albescens: Amazonas, Venezuela
- Basilisa dunni* Curran, 1935, illus.
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Myotis albescens: Amazonas, Venezuela
- Basilisa ferrisi* Schuurmans-Stekhoven, 1931
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Myotis simus: Monagas, Venezuela
M. nigricans: Falcon, Venezuela
- Basilisa ortizi* Machado-Allison, 1963, illus.
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Eptesicus: Amazonas, Venezuela
- Basilisa robusta*?
Whitaker, J. O., jr.; and Mumford, R. E.,
1978, J. Mamm., v. 59 (3), 632-634
Scotoecus albofuscus: Kenya
- Beamerella*
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
- Beamerella acutascuta* Brennan, 1958
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
Artibeus lituratus (wing membrane): Surinam
Phyllostomus elongatus: Surinam; French
Guiana
Desmodus rotundus: Surinam
Peropteryx kappleri: French Guiana

- Astrocotes Keler, 1939
Zlotorzyska, J., 1972, Klucze Oznac. Owad.
Polski (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-
families, genera, and species, systematics,
hosts: Poland
- Atyphloceras bishopi Jordan
Main, A. J.; et al., 1979, Entom. News, v. 90
(3), 135-140
Clethrionomys gapperi: Massachusetts
Microtus pinetorum: Connecticut
- Atyphloceras multidentatus (C. Fox)
Rutledge, L. C.; et al., 1979, J. Med. Entom.,
v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic
plague, field studies
Peromyscus maniculatus: Fort Hunter Liggett,
Monterey County, California
- Atyphloceras nuperus (Jordan 1931)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1),
69-86
Pyrenees-Orientales, France; Lerida, Spain
- Atyphloceras nuperum
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle
Sudetes), Poland
- Atyphloceras nuperum
Haitlinger, R., 1978, Polskie Pismo Entom.,
v. 48 (3), 287-309
Clethrionomys glareolus
Apodemus tauricus
all from west and east Beskid (Poland)
- Auchenochondria gen. n.
Dojiri, M.; and Perkins, P. S., 1979, J. Para-
sitol., v. 65 (5), 794-803
Chondracanthidae
tod: A. lobosa sp. n.
- Auchenochondria lobosa sp. n. (tod), illus.
Dojiri, M.; and Perkins, P. S., 1979, J. Para-
sitol., v. 65 (5), 794-803
Paralichthys californicus (oral cavity):
Agua Hedionda Lagoon, Carlsbad, California
- Audytrombicula (Audytrombicula) taumasia Ver-
cammen-Grandjean, 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17
(1), 61-76
Rhinopoma hardwickei
Miniopterus schreibersi
all from Afghanistan
- Aureliania pternistis Fain, 1963
Kaneko, K.; Kadosaka, T.; and Toshioka, S.,
1977, Eisei Dobutsu (Japan. J. San. Zool.), v.
28 (2), 161-165
as syn. of Neoboydaia pternistis Fain, 1963
- Austromenopon sp.
Fitzpatrick, C.; and Threlfall, W., 1977,
Canad. J. Zool., v. 55 (7), 1205-1209
Oceanodroma leucorhoa: Gull Island, Witless
Bay, Newfoundland, Canada
- Austromenopon aegialitidis
Mester, H., 1978, Ang. Parasitol., v. 19 (1),
20-28
Actornithophilus gracilis, Austromenopon
aegialitidis, Quadriceps junceus, lapwing
nestlings, correlation between number of
lice and host age, food preferences of both
sexes of lice, overcrowding
- Austromenopon nigropleurum
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromeno-
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships
- Austromenopon nigropleurum (Denny, 1842), illus.
Eveleigh, E. S.; and Threlfall, W., 1974, Proc.
Entom. Soc. Wash., v. 76 (3), 270-277
redescription
Fratercula arctica
Plautus alle
(on breast of both): both from Hillgrade,
New World Island, Notre Dame Bay, Newfound-
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- Austromenopon nigropleurum (Denny, 1842)
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and inten-
sity, seasonal and annual data, burdens of
adult hosts vs. chicks, distribution on
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Fratercula arctica: Witless Bay Sea Bird
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Plautus alle: Notre Dame Bay
Alca torda
all from Newfoundland, Canada
- Austromenopon nigropleurum (Denny) 1842
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Nor-
wegian J. Entom.), v. 24 (1), 37-41
Uria lomvia: Jan Mayen Island, Norway
- Austromenopon phippsi n. sp., illus.
Eveleigh, E. S.; and Threlfall, W., 1974, Proc.
Entom. Soc. Wash., v. 76 (3), 270-277
Uria lomvia (on breast): Hillgrade, New
World Island, Notre Dame Bay, and Green
Island, Witless Bay, Newfoundland, Canada
- Austromenopon phippsi
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromeno-
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships
- Austromenopon phippsi Eveleigh and Threlfall,
1974
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and inten-
sity, seasonal and annual data, burdens of
adult hosts vs. chicks, distribution on
host, louse population structure
Uria lomvia: Notre Dame Bay, Newfoundland,
Canada
- Austromenopon transversum ?
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromeno-
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships
Xema sabini: Ontario
- Austromenopon uriae
Eveleigh, E. S.; and Amano, H., 1977, Canad.
J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromeno-
pon spp. from alcids, numerical taxonomic
study of male and female specimens, host-
parasite relationships

- Austromenopon uriae Timmerman, 1954
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and inten-
sity, seasonal and annual data, burdens of
adult hosts vs. chicks, distribution on
host, louse population structure
Uria aalge: Witless Bay Sea Bird Sanctuary,
Newfoundland, Canada
- Baeoetenus bicolor Saether
Gordon, M. J.; Swan, B. K.; and Paterson,
C. G., 1978, J. Fish Research Bd. Canada,
v. 35 (1), 154-157
Baeoetenus bicolor, yearly fluctuations in
frequency and period of occurrence, mean
density
Anodonta cataracta
A. implicata
(mantle cavities of all): all from Morice
Lake, New Brunswick
- Bakerdania sp.
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania sp.
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania sp.
Whitaker, J. O., jr.; Maser, C.; and Pedersen,
R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Neurotrichus gibbsi
Scapanus townsendi
(fur of all): all from Oregon
- Bakerdania bavarica (Krczal)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania bavarica
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania cultrata (Berl.)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Apodemus sylvaticus
all from Gory Sowie (Middle Sudetes), Poland
- Bakerdania cultrata
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus sylvaticus
all from Gory Sowie (Middle Sudetes), Poland
- Balustium sp.
Harlan, H. J.; and Kramer, R. D., 1979, Entom.
News, v. 90 (2), 79-87
Tamius striatus: Fort Dix, New Jersey
- Basanistes briani Markevich, 1936
Hanek, J.; and Dulmaa, A., 1970, Folia Parasit.
tol., v. 17 (1), 77-80
Brachymystax lenok (inner surface of opercu-
lum): Mongolia
- Basanistes woskoboynikovi Markevich, 1936
Hanek, J.; and Dulmaa, A., 1970, Folia Parasit.
tol., v. 17 (1), 77-80
Hucho taimen
Brachymystax lenok
(internal surface of operculum of all): all
from Mongolia
- Basilisa anomala Guimaraes and D'Andretta, 1956,
illus.
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Rhogeessa tumida: Miranda, Venezuela
- Basilisa ansifera
Whitaker, J. O., jr.; and Mumford, R. E.,
1978, J. Mamm., v. 59 (3), 632-634
Eptesicus rendalli: Kenya
- Basilisa boardmani
Foster, G. W., 1979, J. Parasitol., v. 65 (3),
465-466
Myotis austroriparius: north-central
Florida
- Basilisa dubia Guimaraes and D'Andretta, 1956
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Myotis albescens: Amazonas, Venezuela
- Basilisa dunni Curran, 1935, illus.
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Myotis albescens: Amazonas, Venezuela
- Basilisa ferrisi Schuurmans-Stekhoven, 1931
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Myotis simus: Monagas, Venezuela
M. nigricans: Falcon, Venezuela
- Basilisa ortizi Machado-Allison, 1963, illus.
Guimaraes, L. R., 1977, Great Basin Nat.,
v. 37 (2), 221-224
Eptesicus: Amazonas, Venezuela
- Basilisa robusta?
Whitaker, J. O., jr.; and Mumford, R. E.,
1978, J. Mamm., v. 59 (3), 632-634
Scotoecus albofuscus: Kenya
- Beamerella
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
- Beamerella acutascuta Brennan, 1958
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
Artibeus lituratus (wing membrane): Surinam
Phyllostomus elongatus: Surinam; French
Guiana
Desmodus rotundus: Surinam
Peropteryx kappleri: French Guiana

- Blankaartia*
 Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
 key, key to species from Surinam
- Blankaartia acuscutellaris* Walch., 1923
 Muliarskaia, L. V., 1972, *Parazitologia*, Leningrad, v. 6 (6), 540-545
 Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Blankaartia alleei* (Ewing, 1926)
 Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
 key
Leistes militaris
Crotophaga ani
 all from Surinam
- Blankaartia* (*Blankaartia*) *corneti* n. sp., illus.
 Taufflieb, R., 1972, *Acarologia*, v. 14 (2), 190-197
Cercopithecus aethiops sabaesus (paupieres): Bandafassi, Region du Senegal Oriental, Senegal
- Blankaartia sinnamaryi* (Floch & Fauran)
 Arnold, K. A., 1970, *Rev. Biol. Trop.*, v. 16 (2), 1968, 259-265
Lepidocolaptes souleyetii compressus
Thryothorus rutilus hyperythrus
Tolmomyias sulphurescens cinereiceps
Thamnophilus bridgesi
Thryothorus m. modestus
T. fasciatoventris melanogaster
Thamnophilus doliatus pacificus
Thryothorus pleurostictus ravus
 all from Costa Rica
- Blankaartia sinnamaryi* (Floch & Furan, 1956)
 Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
 key
Turdus leucomelas: Surinam
- Bomolochus concinnus*
 Bortone, S. A.; Bradley, W. K.; and Oglesby, J. L., 1978, *J. Fish Biol.*, v. 13 (3), 337-350
 copepods of *Menidia* spp., incidence, intensity, host-parasite interactions with emphasis on effect of host size, season, habitat, inter- and intraspecific parasite competition on host
Menidia peninsulae: Pensacola Bay area
- Bomolochus confusus* Stock, 1953
 Gaevskaia, A. V.; and Umnova, B. A., 1977, *Biol. Moria*, Vladivostok (4), 40-48
Gadus morhua (nostrils): Georges Bank, Northwest Atlantic
- Bomolochus cuneatus* Fraser, 1920, illus.
 Kabata, Z., 1976, *J. Fish. Research Bd. Canada*, v. 33 (11), 2507-2525
 copepods, description of early larval stages
- Bonomiella columbae* Emerson, 1957
 Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
 key
Columba livia: New Zealand; Texas
- Bonomiella columbae*, illus.
 Rem, R.; and Zlotorzycska, J., 1976, *Ang. Parasitol.*, v. 17 (4), 215-217
Bonomiella columbae, locomotion, survival
- Boophilus*
 Graham, O. H.; and Hourrigan, J. L., 1977, *J. Med. Entom.*, v. 13 (6), 629-658
 arthropod parasites of livestock, eradication programs, review
- Boophilus*
 Van der Borgh-Elbl, A., 1977, *Ann. K. Mus. Midden-Africa*, Tervuren, s. 8, *Zool. Wetensch.* (222), 158 pp.
 Ixodidae
 key
- Boophilus* spp.
 Sinha, R. P.; and Dubey, R. K., 1978, *Indian Vet. J.*, v. 55 (5), 372-376
Anaplasma marginale outbreak in non-preimmune Jersey cattle imported from United States and Denmark to farm in Bihar, clinical symptoms and pathological findings, epizootiological factors responsible for outbreak (high ambient temperature, stress of vaccination for rinderpest virus, presence of tick vectors), control achieved through chemotherapy of sick and healthy animals, removal of vectors, and housing in cool sheds; outbreaks in exotic herds could be avoided if cattle were imported in early winter: India
- Boophilus annulatus* (Say), illus.
 Bohmfalk, G. T.; Price, M. A.; and Meola, S. M., 1979, *Southwest. Entom.*, v. 4 (2), 102-116
Boophilus annulatus, *B. microplus*, chaetotactic and morphologic comparisons of larvae, light and scanning electron microscopy
- Boophilus annulatus* (Say)
 Cornet, J. P.; et al., 1978, *Cahiers O.R.S.T.O.M.*, s. *Entom. Med. et Parasitol.*, v. 16 (1), 53-54
Amblyomma variegatum, *Boophilus annulatus*, *B. decoloratus*, inoculation of pregnant female mice with tick-egg emulsion induces resistance to ixovotoxin in their new-born offspring, technique permits inoculation of tick eggs into new-born mice without abnormal mortality rates, potential use in virus isolation
- Boophilus annulatus*
 Drummond, R. O.; et al., 1973, *J. Econom. Entom.*, v. 66 (1), 130-133
Boophilus annulatus, *B. microplus*, laboratory tests of insecticides
- Boophilus annulatus* (Say)
 Garnett, W. H.; and Ahrens, E. H., 1979, *Southwest. Entom.*, v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Boophilus annulatus*, illus.
 Guler, S., 1978, *Vet. Fak. Dergisi*, Ankara Univ., v. 25 (2), 323-338
Theileria mutans, cattle, occurrence, experimental infection of ticks successful only with *Boophilus annulatus*, possible vector: Turkey
- Boophilus annulatus* (Say)
 Hair, J. A.; et al., *J. Econom. Entom.*, v. 72 (1), 135-138
Boophilus spp., *Dermacentor albipictus*, cattle (exper.), sustained release famphur bolus

- Boophilus annulatus*
Horrigan, J. L., 1977, J. N. York Entom. Soc., v. 85 (4), 217-220
bovine babesiosis, epizootiology, history and current status of *Boophilus* spp. eradication in Texas
- Boophilus annulatus*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Boophilus annulatus*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
[no host]: Darfur Province, Sudan
- Boophilus annulatus* (Say, 1821)
Trees, A. J., 1978, Trop. Animal Health and Prod., v. 10 (2), 93-94
transmission of *Borrelia theileri* by *Boophilus annulatus*, cattle: Nigeria
- Boophilus annulatus annulatus*
Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
cattle: north-western coastal region of Arab Republic of Egypt
- B[*oophilus*] *calcaratus*
Dubovyi, S. Z.; et al., 1977, Veterinariia, Moskva (3), 71-72
babesiasis, piroplasmosis, cattle, dimidine as effective chemoprophylaxis under pasture conditions with presence of vector, *Boophilus calcaratus*, comparison with azidine
- B[*oophilus*] *calcaratus*
Mamaev, N. Kh.; Golin, P. I.; and Omarov, M. V., 1978, Veterinariia, Moskva (11), 73-74
Hypoderma, B[*oophilus*] *calcaratus*, cattle, chlorophos treatment, prophylaxis against piroplasmosis: Dagestan
- Boophilus calcaratus*
Meshkov, S.; Iotov, I.; and Sirachev, D., 1977, Vet. Sbirka, v. 75 (5), 32-33
piroplasmosis, berenil, cattle, control of *Boophilus calcaratus* with chlorophos
- Boophilus calcaratus*
Monov, M.; Petrov, D.; and Milushev, I., 1977, Vet. Med. Nauki, v. 14 (5), 48-54
ixodid ticks, distribution, seasonal activity, descriptions of biotopes: Northwest Bulgaria
- Boophilus calcaratus*
Niiazov, A. N.; et al., 1977, Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk (6), 68-70
ixodid ticks, naphthenates tested as acaricides
- Boophilus calcaratus*
Rakhimov, T. Kh.; et al., 1977, Veterinariia, Moskva (10), 75-77
Boophilus calcaratus, vector of piroplasmosis and francaiellois, cattle
- Boophilus calcaratus*
Tsintsadze, D. Sh.; and Gugushvili, G. K., 1978, Soobshch. Akad. Nauk Gruzinsk. SSR, v. 92 (3), 729-732
Ixodidae spp. found not to be vectors of *Listeria monocytogenes* in confirmed bovine disease foci: Georgian SSR
- B[*oophilus*] *calcaratus*
Valiev, B., 1977, Veterinariia, Moskva (10), 21-22
piroplasmosis, cattle, control, elimination of tick vectors: Ishtykhansk region, Samarkandsk oblast
- Boophilus calcaratus*
Vulchovski, Ia.; et al., 1977, Vet. Sbirka, v. 75 (5), 26-29
tick control important in prophylaxis of piroplasmosis under range conditions: Bulgaria
- Boophilus decoloratus*
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Boophilus decoloratus* (Koch)
Cornet, J. P.; et al., 1978, Cahiers O.R.S.T.O.M., s. Entom. Med. et Parasitol., v. 16 (1), 53-54
Amblyomma variegatum, *Boophilus annulatus*, *B. decoloratus*, inoculation of pregnant female mice with tick-egg emulsion induces resistance to ixovotoxin in their new-born offspring, technique permits inoculation of tick eggs into new-born mice without abnormal mortality rates, potential use in virus isolation
- Boophilus decoloratus*
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Boophilus decoloratus*
Hammant, C. A., 1977, Rhodesian Vet. J., v. 8 (4), 67-70
ticks, resistance survey of field strains to commonly used ixodocides, changeover from arsenic to dioxathion dipping of cattle, dramatic improvement in tick control, necessitates complete overhaul of dipping facilities and retraining of personnel: Tribal Trust Lands of Rhodesia
- Boophilus decoloratus*
Hammant, C. A.; and Matthewson, M. D., 1977, Rhodesian Vet. J., v. 8 (4), 71-73
Boophilus decoloratus, possible spread of organophosphate-resistant strain, cattle, case history, implications for control of ticks and tick-borne diseases: Rhodesia

- Boophilus decoloratus*
 MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
 ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
 zebra
 cattle
 eland
 sable antelope
 roan antelope
 impala
 sheep
 all from Zambia
- Boophilus decoloratus*
 Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
 ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Boophilus decoloratus*
 Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
 Numida meleagris: Haute-Volta
- Boophilus decoloratus*
 Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
 ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
 cattle
 dogs
 horses
 all from Kandeya Tribal Trust Land, north-east Rhodesia
- Boophilus decoloratus*
 Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
 ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Boophilus decoloratus*
 Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
 ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Boophilus decoloratus*
 Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
 zoogeographical distribution
 cattle
 sheep
 horses
 all from Darfur Province, Sudan
- Boophilus decoloratus*
 Rechav, Y.; Whitehead, G. B.; and Terry, S. B., 1978, J. South African Vet. Ass., v. 49 (2), 99-101
 ticks, mortality curves of larvae dipped in dioxathion, chlorphenvinphos, and oxionthiophos, time of application, larvae of ticks exhibit diel periodicity in sensitivity to acaricides
- Boophilus decoloratus*
 Stutterheim, C. J., 1977, South African J. Sc., v. 73 (9), 281
 Amblyomma hebraeum, *Boophilus decoloratus*, prey species parasitizing predator, *Buphagus erythrorhynchus* (rump, abdomen, head, cloaca): Kruger National Park
- Boophilus decoloratus*
 Wilson, R. G., 1978, J. South African Vet. Ass., v. 49 (1), 49-51
Boophilus, resistance to ixodicides due to altered site of drug action, altered rate of tick metabolism, and/or altered rate of drug transportation, review
- Boophilus geigy* (Aeschlimann and Morel 1965)
 Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
 northern Nigeria
- Boophilus geigy*
 Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
 Alcelaphus major
 Hippotragus equinus
 all from Haute-Volta
- Boophilus microplus, illus.*
 Beadle, D. J.; and Megaw, M. W. J., 1979, Cell and Tissue Research, v. 202 (1), 119-124
Boophilus microplus, intracellular junctions in hypodermis, salivary gland, and Gene's organ
- Boophilus microplus*
 Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
 cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Boophilus microplus*
 Bhat, U. K. M.; Mahoney, D. F.; and Wright, I. G., 1979, Experientia, v. 35 (6), 752-753
 Babesia bovis, invasion and growth in *Boophilus microplus* tissue culture
- Boophilus microplus, illus.*
 Binnington, K. C., 1978, Internat. J. Parasitol., v. 8 (2), 97-115
Boophilus microplus, salivary glands during attachment and feeding, gross anatomy, number of cell types and changes in morphology during development, histochemistry, enzymes, physiological functions of cell secretions
- Boophilus microplus* (Canestrini), illus.
 Bohmfalk, G. T.; Price, M. A.; and Meola, S. M., 1979, Southwest. Entom., v. 4 (2), 102-116
Boophilus annulatus, *B. microplus*, chaetotactic and morphologic comparisons of larvae, light and scanning electron microscopy
- Boophilus microplus*
 Callow, L. L.; and Stewart, N. P., 1978, Nature, London (5656), v. 272, 818-819
 Babesia bovis causes immunosuppression against its natural tick vector *Boophilus microplus*

- Boophilus microplus*
Camoens, J. K., 1977, *Malaysian Vet. J.*, v. 6 (3), 111-124
Boophilus microplus, dairy cattle, various control measures discussed but spraying acaricides on pastures shows particular promise: Air Hitam, Johor, Malaysia
- Boophilus microplus*
Campbell, C. C.; et al., 1978, *Bull. Pan Am. Health Organ.*, v. 12 (2), 104-111
collection of ticks on farm where outbreak of fatal human infections believed to be rickettsial in origin occurred
cows
horse
all from Los Altos de Heredia, Limon Province, Costa Rica
- Boophilus microplus*
Cerny, V.; and de la Cruz, J., 1971, *Folia Parasitol.*, v. 18 (1), 73-78
Boophilus microplus, development and survival in laboratory and natural conditions: Cuba
- Boophilus microplus*
Chaudhri, R. P.; Gill, B. S.; and Khan, M. H., 1975, *Ann. Soc. Belge Med. Trop.*, v. 55 (4), 327-332
Babesia bigemina, transovarial transmission to Indian cattle (exper.) by *Boophilus microplus*, transmission by nymphs of *Hyalomma a. anatolicum* but not by larval or adult ticks, other ticks used in study failed to transmit infection
- Boophilus microplus*
Corrier, D. E.; et al., 1978, *Trop. Animal Health and Prod.*, v. 10 (2), 91-92
Anaplasma marginale, *Babesia bigemina*, *B. argentina*, *Boophilus microplus*, cattle, prevalence and distribution: eastern plains of Colombia
- Boophilus microplus*
Corrier, D. E.; et al., 1979, *Trop. Animal Health and Prod.*, v. 11 (4), 215-221
Babesia bigemina- and *B. bovis*-immunized *Bos taurus* calves transported to lowland tropics, exposed to heavy vs. light *Boophilus microplus* infestation, resulting *B. bigemina*, and *B. bovis* parasitemias, mortality, weight loss, and anemia: Caribbean Coast, Colombia
- Boophilus microplus*
Dalglish, R. J.; and Stewart, N. P., 1978, *Austral. Vet. J.*, v. 54 (9), 453-454 [Letter]
Babesia bigemina, *B. bovis*, development, in incubated *Boophilus microplus* eggs, and *B. bigemina* in unfed larval ticks held at 37°C, infectivity for calves, results indicate that high environmental temperature may be only stimulus required for development of infective *Babesia* within the tick
- Boophilus microplus*, illus.
Dalglish, R. J.; and Stewart, N. P., 1979, *Internat. J. Parasitol.*, v. 9 (2), 115-120
Babesia bovis, morphology, development, and infectivity for cattle of parasites in unfed *Boophilus microplus* larvae after incubation at various temperatures
- Boophilus microplus* (Canestrini, 1887)
De, S. K.; and Gupta, S. K., 1978, *Indian Vet. J.*, v. 55 (1), 80-82
cattle
horse
goat
mithan
all from Arunachal Pradesh, India
- Boophilus microplus*
Doubé, B. M.; and Kemp, D. H., 1979, *Internat. J. Parasitol.*, v. 9 (5), 449-454
Boophilus microplus, attachment and survival of larvae on skin slices in vitro, influence of temperature, relative humidity, and host factors
- Boophilus microplus*
Drummond, R. O.; et al., 1973, *J. Econom. Entom.*, v. 66 (1), 130-133
Boophilus annulatus, *B. microplus*, laboratory tests of insecticides
- Boophilus microplus*, illus.
Gonzales, J. C., 1975, 0 controle do carrapato dos bovinos, 103 pp.
Boophilus microplus, cattle, life cycle, ecology, host resistance, treatment and control
- Boophilus microplus*
Gothe, R.; and Mieth, H., 1978, *Berl. u. Munchen. Tierarztl. Wchnschr.*, v. 91 (10), 193-196
Boophilus microplus strains, *Rhipicephalus appendiculatus*, *R. evertsi evertsi*, SAN 322 I, drug efficacy in vitro
- Boophilus microplus*
Grillo Torrado, J. M.; and Perez Arrieta, A., 1977, *Rev. Med. Vet.*, Buenos Aires, v. 58 (2), 101-102, 105
Boophilus microplus, new strain 22, strain G, phosphorus-resistance to various acaricides compared; acetylcholinesterase activity of strain 22 was markedly less than that of strain G
- Boophilus microplus*
Grillo Torrado, J. M.; and Perez Arrieta, A., 1977, *Rev. Med. Vet.*, Buenos Aires, v. 58 (4), 309-310, 313-314, 317-318, 321-322
Boophilus microplus, strain B, inheritance of phosphorus resistance to delnav is genetically conditioned
- Boophilus microplus*
Hackman, R. H., 1975, *J. Insect Physiol.*, v. 21 (9), 1613-1623
Boophilus microplus, expanding abdominal cuticle, protein composition and analysis
- Boophilus microplus* (Canestrini)
Hair, J. A.; et al., *J. Econom. Entom.*, v. 72 (1), 135-138
Boophilus spp., *Dermacentor albipictus*, cattle (exper.), sustained release famphur bolus
- Boophilus microplus*
Han, T. W., 1978, *Research Rep.*, Office Rural Develop., Min. Agric. and Fish., Korea, v. 20, 53-88
theileriosis, cattle, historical review, seasonal and host age incidence, duration of parasitaemia, relapse time; transmission of *Theileria* sp. to cattle using *Boophilus microplus* and *Haemaphysalis longicornis*; pathogenicity and immunogenicity of Korean and Japanese strains of *T. sergenti* compared: Korea

- Boophilus microplus*
Hourrigan, J. L., 1977, *J. N. York Entom. Soc.*, v. 85 (4), 217-220
bovine babesiosis, epizootiology, history and current status of *Boophilus* spp. eradication in Texas
- Boophilus microplus*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, *Indian J. Animal Sc.*, v. 49 (9), 707-712
Bubalus bubalis
Bos indicus
Capra hircus
Ovis aries
all from Orissa state, India
- Boophilus microplus*
Khan, M. H.; and Srivastava, S. C., 1977, *Indian J. Animal Health*, v. 16 (2), 137-140
Boophilus microplus engorged females, in vitro tests with dursban, gamma BHC, sumithion, supona, dimecron, egg production and viability; supona most effective
- Boophilus microplus*
Koudstaal, D.; Kemp, D. H.; and Kerr, J. D., 1978, *Parasitology*, v. 76 (3), 379-386
Boophilus microplus, rejection of larvae from British breed cattle with different levels of resistance, relationship to grooming response
- Boophilus microplus*
MacLeod, J.; and Mwanaumo, B., 1978, *Bull. Entom. Research*, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
cattle
sheep
all from Zambia
- Boophilus microplus*
Mahoney, D. F.; and Mirre, G. B., 1979, *Research Vet. Sc.*, v. 26 (2), 253-254
Babesia bovis, transmission by *Boophilus microplus*, concluded that protozoan parasite did not persist in infective form in ticks beyond larval stage
- Boophilus microplus*
Megaw, M. W. J., 1978, *Nature*, London (5644), v. 271, 483-484
Boophilus microplus, virus-like particles pathogenic to tick salivary glands, viruses pathogenic to ticks could have potential as biological control agents
- Boophilus microplus* Canestrini, *illus.*
Megaw, M. W. J.; and Beadle, D. J., 1979, *Internat. J. Insect Morphol. and Embryol.*, v. 8 (2), 67-83
unfed *Boophilus microplus*, structure and function of salivary glands
- Boophilus microplus* (Canestrini)
Miranpuri, G. S.; Singh, J.; and Lahkar, B. C., 1978, *Indian J. Ecol.*, v. 5 (1), 23-29
ixodid ticks of domestic and wild animals, survey, distribution, host-relationship
cattle
buffalo
goat
sheep
all from Assam Valley, India
- Boophilus microplus*
Morzaria, S. P.; and Brocklesby, D. W., 1977, *Ztschr. Parasitenk.*, v. 52 (3), 241-243
Babesia major vermicules from *Haemaphysalis punctata* haemolymph and *B. bigemina* vermicules from *Boophilus microplus* haemolymph, length as differential diagnostic criterion
- Boophilus microplus*
Nagar, S. K.; Saxena, V. K.; and Raizada, R. N., 1978, *Indian J. Animal Sc.*, v. 48 (3), 173-176
Boophilus microplus, 3 breeds of cattle, infestation rate, seasonal variation, breed susceptibility: Union Territory of Delhi
- Boophilus microplus*
Nolan, J.; Roulston, W. J.; and Schnitzerling, H. J., 1979, *Austral. Vet. J.*, v. 55 (10), 463-466
Boophilus microplus, range of resistant strains on naturally and experimentally infected cattle, field and stall spraying trials, efficacy of synthetic pyrethroids for tick control, potentiation of pyrethroids by organo-phosphorus compounds
- Boophilus microplus*
Quinlan, J. F., 1978, *Trop. Animal Health and Prod.*, v. 10 (3), 178
Babesia bovis, *B. bigemina*, *Anaplasma marginale*, presence in Friesian calves placed in *Boophilus microplus* infested environment and later splenectomised: Paraguay
- Boophilus microplus*
Raizada, R. N.; and Nagar, S. K., 1979, *Indian J. Animal Sc.*, v. 49 (8), 622-628
Boophilus microplus, abundance and distribution in relation to environmental conditions; site preferences for feeding on cows and buffalo: Uttar Pradesh
cattle
buffalo
goat
sheep
horse
- Boophilus microplus* (Canestrini)
Rawlins, S. C., 1979, *Bull. Entom. Research*, v. 69 (1), 87-91
Boophilus microplus, seasonal variation of larval population density in four pasture locations, variations related to rainfall: Jamaica
- Boophilus microplus*
Rawlins, S. C.; and Mansingh, A., 1978, *J. Econom. Entom.*, v. 71 (1), 142-144
Boophilus microplus, five strains, susceptibility to acaricides: Jamaica; St. Kitts; Trinidad; Guyana
- Boophilus microplus*
Rawlins, S. C.; and Mansingh, A., 1978, *J. Econom. Entom.*, v. 71 (6), 956-960
Boophilus microplus, 6 Jamaican strains, patterns of resistance to acaricides
- Boophilus microplus*
Rawlins, S. C.; and Mansingh, A., 1979, *J. Econom. Entom.*, v. 72 (3), 423-427
Boophilus microplus, bioassays of acaricidal residues on grass surfaces, greenhouse and pasture studies

- Boophilus microplus*
Rehman, A.; and Roychoudhury, G. K., 1978, Indian J. Animal Sc., v. 48 (10), 724-726
Babesia argentina, cattle, experimental transmission through larvae of *Boophilus microplus*: Assam
- Boophilus microplus*
Reich, C. I.; et al., 1978, Exper. Parasitol., v. 44 (1), 50-55
Boophilus microplus, 2 Argentinian strains, one resistant and one sensitive to organophosphate acaricides, differences in cholinesterase system
- Boophilus microplus*
Reich, C. I.; and Zorzopulos, J., 1978, Exper. Parasitol., v. 44 (1), 1-6
Boophilus microplus, proteases in extracts of larvae, characterization
- Boophilus microplus*
Rogers, R. J.; Blight, G. W.; and Knott, S. G., 1978, Austral. Vet. J., v. 54 (3), 115-120
Anaplasma marginale in *Bos taurus* and *B. indicus* types, clinical outbreaks, serological survey, seasonal distribution, age, sex, and breed of host, high prevalence in *Boophilus microplus* infested areas: southern Queensland
- Boophilus microplus*
Sandoval, E. F. D., 1974, Rev. Microbiol., S. Paulo, v. 5 (3), 55-57
ticks, use of agar-gel diffusion technique to identify blood meal, useful application to vector and zoonotic surveys
- Boophilus microplus*
Schuntner, C. A.; and Thompson, P. G., 1978, Austral. J. Biol. Sc., v. 31 (2), 141-148
Boophilus microplus, larvae, ^{14}C labelled amitraz, metabolism, only amitraz and N-2,4-dimethylphenyl-N'-methylformamide (metabolute) toxic to larvae, piperonyl butoxide applied simultaneously with amitraz had slight effect on metabolism, three-fold synergistic effect; SKF 525-A similarly applied had negligible effect on both metabolism and toxicity to ticks
- Boophilus microplus*
Schuntner, C. A.; and Thompson, P. G., 1978, Austral. J. Biol. Sc., v. 31 (4), 317-325
Boophilus microplus, mechanisms of resistance of 2 strains to bromophos-ethyl
- Boophilus microplus* (Canestrini)
Sharma, B. D.; and Sharma, T., 1976, Indian J. Animal Sc., v. 44 (9), 1974, 709-712
synonymy
cattle
Ovis aries
goats
water-buffaloes
Rattus rattus (ear)
all from Jammu Province, India
- Boophilus microplus*
Smith, R. D.; et al., 1979, Am. J. Vet. Research, v. 40 (12), 1678-1682
babesiosis, cattle, vaccination experiments to assess immunogenicity of and protection conferred by culture-derived *Babesia bovis* antigens against tick-borne infection
- Boophilus microplus* Canestrini
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
cow
cow calf
all from Maharashtra State, India
- Boophilus microplus* (Canestrini), illus.
Stewart, N. P., 1978, J. Protozool., v. 25 (4), 497-501
Babesia bovis, vaccine (NT) strain, unmodified (T) strain, differential infectivity for *Boophilus microplus*, differences observed in parasite structure in gut contents following ingestion by tick, NT strain was incapable of penetrating epithelial cells of tick gut
- Boophilus microplus*
Stone, B. F.; Binnington, K. C.; and Neish, A. L., 1978, Experientia, v. 34 (9), 1173-1174
Boophilus microplus, norepinephrine identified as principal catecholamine in individual neurons of synganglion, suggests that norepinephrine may have hitherto unsuspected major physiological role in at least one group of invertebrates
- Boophilus microplus*
Sutherst, R. W.; et al., 1978, Austral. J. Zool., v. 26 (1), 159-174
Boophilus microplus, cattle, experimental and theoretical studies on rates of host finding, conceptual model of the host-finding component
- Boophilus microplus*, illus.
Sutherst, R. W.; et al., 1979, J. Applied Ecol., v. 16 (2), 359-382
Boophilus microplus, cattle, analysis of 3 control methods used separately and in combination (acaricides, pasture spelling, tick-resistant cattle), computer model of tick population: Australia
- Boophilus microplus*
Sutherst, R. W.; et al., 1979, Austral. J. Agric. Research, v. 30 (2), 353-368
Boophilus microplus, untreated cattle selected for different levels of tick resistance, tick population studies over 6 year period
- Boophilus microplus*
Sutherst, R. W.; et al., 1979, J. Applied Ecol., v. 16 (2), 397-403
Boophilus microplus, density-dependent mortality of ticks on cattle in relation to season, host sex, breed, and level of tick resistance
- Boophilus microplus*
Sutherst, R. W.; and Comins, H. N., 1979, Bull. Entom. Research, v. 69 (3), 519-540
Boophilus microplus, mathematical models used in analysis of factors that determine optimal strategies for long-term use of chemical control, management of acaricide resistance: south-eastern Queensland, Australia
- Boophilus microplus*
Sutherst, R. W.; Wagland, B. M.; and Roberts, J. A., 1978, Internat. J. Parasitol., v. 8 (4), 321-324
Boophilus microplus on previously unexposed 'naive' *Bos taurus* and *Bos indicus*, tick survival at various levels of infestation, results indicate that density-dependent tick mortality is attributable mainly to acquired host resistance rather than to crowding

- Boophilus microplus*
Thompson, K. C.; et al., 1978, Trop. Animal Health and Prod., v. 10 (3), 141-144
Anaplasma marginale, Babesia bigemina, B. argentina (bovis), immunization and chemoprophylaxis of Bos taurus calves and subsequent challenge with *Boophilus microplus*, economic gain estimated: Colombia
- Boophilus microplus*
Thompson, K. C.; Roa E., J.; and Romero N., T., 1978, Trop. Animal Health and Prod., v. 10 (3), 179-182
Boophilus microplus, 6 grass species analysed for anti-tick deterrent properties
- Boophilus microplus*
Utech, K. B. W.; Seifert, G. W.; and Wharton, R. H., 1978, Austral. J. Agric. Research, v. 29 (2), 411-422
Boophilus microplus, resistance in selected Bos taurus and crossbred B. taurus x B. indicus, factors affecting resistance: age and sex of host, lactational status, pregnancy status, season, breed differences
- Boophilus microplus*
Utech, K. B. W.; Wharton, R. H.; and Kerr, J. D., 1978, Austral. J. Agric. Research, v. 29 (4), 885-895
Boophilus microplus, resistance levels in different breeds of cattle: Queensland
- Boophilus microplus*
de la Vega, R.; de la Cruz, J.; and Diaz, G., 1977, Cuban J. Agric. Sc., v. 11 (3), 315-321
Boophilus microplus, oviposition efficiency, no significant differences attributed to light, handling during oviposition, or manual detachment of engorged female
- Boophilus microplus*
Wagland, B. M., 1978, Austral. J. Agric. Research, v. 29 (2), 395-400
Boophilus microplus, dynamics of resistance in previously unexposed and exposed Bos indicus, and in previously unexposed Bos taurus, results suggest that resistance is acquired rather than innate in both breeds
- Boophilus microplus*
Wagland, B. M., 1978, Austral. J. Agric. Research, v. 29 (2), 401-409
Boophilus microplus, development on previously unexposed Bos indicus and B. taurus, body length measurements for estimation of ages of parasitic stages, growth rates on various body regions of host
- Boophilus microplus*
Wagland, B. M., 1979, Austral. J. Agric. Research, v. 30 (1), 211-218
Boophilus microplus, resistance in Bos indicus, ages of ticks rejected, compared with losses from Bos taurus
- Boophilus microplus*
Waladde, S. M., 1976, Bull. Animal Health and Prod. Africa, v. 24 (1), 73-79
Boophilus microplus and Haemaphysalis longicornis larvae, comparative toxicological and biochemical study of effects of coumaphos and coroxon in vitro
- Boophilus microplus*
Waladde, S. M.; Kemp, D. H.; and Rice, M. J., 1979, Internat. J. Parasitol., v. 9 (2), 89-95
Boophilus microplus attached on artificial membranes, feeding electrograms and fluid uptake measurements
- Boophilus microplus* (Canestrini), illus.
Waladde, S. M.; and Rice, M. J., 1978, J. Austral. Entom. Soc., v. 16 (4), 1977, 441-453
Boophilus microplus, ultrastructure and electrophysiology of cheliceral receptors (sensory function)
- Boophilus microplus*
Weber, G.; and Friedhoff, K. T., 1977, Ztschr. Parasitenk., v. 53 (1), 83-92
Babesia bigemina, ultrastructure of supposed sexual stages from gut of *Boophilus microplus*, comparison with developmental stage of Theileria annulata
- Boophilus microplus*, illus.
Weber, G.; and Friedhoff, K., 1979, Ztschr. Parasitenk., v. 58 (2), 191-194
Babesia bigemina, electron microscopic detection of initial and some subsequent developmental stages in *Boophilus microplus* salivary glands
- Boophilus microplus*
Willadsen, P.; et al., 1978, Internat. J. Parasitol., v. 8 (2), 89-95
Boophilus microplus, partial purification of allergen 2, allergens 1 and 2 tested on cattle for relationships between tick resistance, immediate hypersensitivity reactions, reaginic antibody levels as measured by Prausnitz-Kustner type reactions, and serum levels of agglutinating antibody
- Boophilus microplus*
Willadsen, P.; and Riding, G. A., 1979, Biochem. J., v. 177 (1), 41-47
Boophilus microplus, proteolytic-enzyme inhibitor with allergenic activity, purification and partial characterization
- Boophilus microplus*
Willadsen, P.; Wood, G. M.; and Riding, G. A., 1979, Ztschr. Parasitenk., v. 59 (1), 87-93
Boophilus microplus, Bos taurus of high and low resistance, skin histamine concentration, histamine sensitivity, suppression of cutaneous hypersensitivity reactions with mepyramine maleate
- Boophilus microplus*
Wilson, R. G., 1978, J. South African Vet. Ass., v. 49 (1), 49-51
Boophilus, resistance to ixodicides due to altered site of drug action, altered rate of tick metabolism, and/or altered rate of drug transportation, review
- Boophilus microplus*
Zorzopulos, J.; Reich, C. I.; and Galassi, N., 1978, Exper. Parasitol., v. 45 (1), 128-138
Boophilus microplus, characterization of larval phosphomonoesterases, isolation of subcellular fractions with high phosphatase activity, antigenic analysis
- Boshkerria*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key

- Boskerria punctata* (Boshell & Kerr, 1942)
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
Proechimys guyannensis: Surinam
- Bots**
Morrow, G. L., 1978, *Vet. Med. and Small Animal Clin.*, v. 73 (11), 1388, 1393
strongyles, ascarids, bots, horses, febantel and trichlorfon paste formulations, drug trials
- Bovicola Ewing*, 1929
Zlotorzycska, J., 1972, *Klucze Oznacz. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-families, genera, and species, systematics, hosts: Poland
- Bovicola bovis*
Atef, M.; and El-Say, A., 1976, *J. Egypt. Vet. Med. Ass.*, v. 35 (3), 73-84
cattle: north-western coastal region of Arab Republic of Egypt
- Bovicola bovis*
Baker, K. P.; and Oormazdi, H., 1978, *Vet. Parasitol.*, v. 4 (1), 91-93
Bovicola bovis, optimal temperature for in vitro rearing in Ireland is at variance with that recorded by 2 authors in United States, possible that geographical genetic plasticity accounts for these differences
- Bovicola bovis* (Linnaeus)
Bay, D. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 628
Bovicola bovis phoretic on *Haematobia irritans*: College Station, Texas
- Bovicola bovis*
Chamberlain, W. F.; Hopkins, D. E.; and Gingrich, A. R., 1973, *J. Econom. Entom.*, v. 66 (1), 127-130
Bovicola bovis, evaluation of 21 compounds for juvenile hormone activity
- Bovicola bovis*, illus.
Oormazdi, H.; and Baker, K. P., 1979, *Ann. Trop. Med. and Parasitol.*, v. 73 (2), 185-187
Bovicola bovis, examination of dietary constituents
- Bovicola bovis*
Splisteser, H.; and Graefe, D., 1977, *Monatsh. Vet.-Med.*, v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Bovicola caprae*
Atef, M.; and El-Say, A., 1976, *J. Egypt. Vet. Med. Ass.*, v. 35 (3), 73-84
goats: north-western coastal region of Arab Republic of Egypt
- Bovicola caprae*
Darrow, D. I., 1973, *J. Econom. Entom.*, v. 66 (1), 133-135
Bovicola spp. on goats, control with dichlorvos-impregnated resin neck collars
- Bovicola crassipes*
Darrow, D. I., 1973, *J. Econom. Entom.*, v. 66 (1), 133-135
Bovicola spp. on goats, control with dichlorvos-impregnated resin neck collars
- Bovicola limbatus*
Darrow, D. I., 1973, *J. Econom. Entom.*, v. 66 (1), 133-135
Bovicola spp. on goats, control with dichlorvos-impregnated resin neck collars
- Bovicola limbatus* (Gervais)
Hopkins, D. E.; and Chamberlain, W. F., 1978, *J. Econom. Entom.*, v. 71 (1), 25-26
Bovicola limbatus, 3rd instars, relationship between inhibition of ecdysis and time and quantity of ingestion of diflubenzuron (inhibitor of cuticle deposition), inhibition of ecdysis increased progressively as age of nymphs increased, timing of treatment important for control
- Bovicola tibialis* (Piaget)
Westrom, D. R.; Nelson, B. C.; and Connolly, G. E., 1976, *J. Med. Entom.*, v. 13 (2), 169-173
Bovicola tibialis, transmission from introduced *Dama dama* to *Odocoileus hemionus columbianus* apparently by direct contact at feeders, absence of males suggests that parthenogenetic reproduction occurs in *B. tibialis*
Odocoileus hemionus columbianus: Hopland Field Station, Mendocino Co., California
- Boydalia* sp.
Cooper, C. L.; and Troutman, E. L., 1974, *J. Med. Entom.*, v. 11 (2), 233
Molothrus ater ater (nasal passages): Ohio
- Boydalia pternistis* Fain, 1955
Kaneko, K.; Kadosaka, T.; and Toshioka, S., 1977, *Eisei Dobutsu* (Japan. *J. San. Zool.*), v. 28 (2), 161-165
as syn. of *Neoboydalia pternistis* Fain, 1963
- Brachiella* sp.
Rohde, K., 1978, *Biol. Zentralbl.*, v. 97 (4), 405-418
gill parasites of marine fish, species numbers and microhabitat utilization at different latitudes, assumption of greater evolutionary speed in tropics as probable explanation of latitudinal gradients in species diversity (more species in tropical than in cold water fishes)
Seriola grandis
- Brachyctenonotus*
Goncharov, A. I., 1971, *Parazitologiya, Leningrad*, v. 5 (4), 369-373
Leptopsyllidae
- Brachytarsina scutellaris*
Watling, D., 1977, *Fiji Agric. J.*, v. 39 (2), 116-117
Emballonura semicaudata: Sigatoka Valley, Viti Levu, Fiji Islands
- Brephosceles* [sp.]
Fitzpatrick, C.; and Threlfall, W., 1977, *Canad. J. Zool.*, v. 55 (7), 1205-1209
Oceanodroma leucorhoa (breast, abdomen): Gull Island, Witless Bay, Newfoundland, Canada
- Brephosceles petersoni*, sp. n., illus.
Atyeo, W. T.; and Windingstad, R. M., 1979, *J. Parasitol.*, v. 65 (4), 650-658
Grus canadensis tabida (ventral surfaces of vanes): Colmstock Marsh, Marquette County, and Mead Wildlife Area, Marathon County, Wisconsin

- Brevisterna utahensis* (Ewing, 1933)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, *Rev. Soc. Mexicana Hist. Nat.*, v. 33, 151-159
Peromyscus melanophrys: Xoxafi, Hidalgo
- Brueelia* sp.
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Cyanocitta cristata: Fort Dix, New Jersey
- Brueelia apiastri* (Denny, 1842), illus.
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
synonymy, description
Merops apiaster: Fuencarral, Madrid, Espana
- Brueelia apiastri* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, *Graelsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
synonymy
Merops apiaster: Cataluna, Espana
- Brueelia ornatissima*
Cooper, C. L.; Madden, J. E.; and Crites, J. L., 1975, *J. Med. Entomol.*, v. 12 (2), 262
Quiscalus quiscula versicolor (feathers): Franklin Co. and Ottawa Co., Ohio
- Brueelia ornatissima*
Cooper, C. L.; and Troutman, E. L., 1974, *J. Med. Entomol.*, v. 11 (2), 233
Molothrus ater ater (feathers): Ohio
- Brueelia varia* (Burmeister, 1838)
Martin, M. P.; and Gallego, J., 1977, *Graelsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
synonymy
Corvus monedula: Cataluna, Espana
- Brunezhaldia schmuteri* Schlug., 1966
Muliarskaia, L. V., 1972, *Parazitologiya*, *Leningrad*, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Bubophilus* gen. n.
Philips, J. R.; and Norton, R. A., 1978, *J. Parasitol.*, v. 64 (5), 900-904
Syringophilidae
tod: *B. ascalaphus* sp. n.
- Bubophilus ascalaphus* sp. n. (tod), illus.
Philips, J. R.; and Norton, R. A., 1978, *J. Parasitol.*, v. 64 (5), 900-904
Bubophilus ascalaphus sp. n., ontogeny, chaetotactic variation
Bubo virginianus (quills): Oswego County, New York
- Bucerophagus africanus*, illus.
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Bucerophagus productus*, illus.
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Caenopsylla*
Goncharov, A. I., 1971, *Parazitologiya*, *Leningrad*, v. 5 (4), 369-373
Leptopsyllidae
- Caenopsylla* Rothschild, 1909
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Leptopsyllidae, Mesopsyllinae, key
- Caenopsylla laptevi* Mikulin and Zagniborodova, 1958, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Vulpes vulpes
Hyaena hyaena
all from Afghanistan
- Calamincola*, new name
Casto, S., 1978, *Southwest. Nat.*, v. 23 (1), 158
for: *Cuculiphilus* Casto, 1977, preoccupied by *Cuculiphilus* Uchida, 1926
tod: *Calamincola lobatus* [n. comb.]
- Calamincola lobatus* [n. comb.] (tod)
Casto, S., 1978, *Southwest. Nat.*, v. 23 (1), 158
- Caligididae gen. sp. larvae
Grozdilova, T. A., 1974, *Parazitologiya*, *Leningrad*, v. 8 (4), 293-298
Oncorhynchus gorbusha
- Caligids
Jackson, P. B. N., 1978, *J. South African Vet. Ass.*, v. 49 (1), 57-59
parasites of *Anguilla mossambica*, importance of disease control in aquaculture
Anguilla mossambica (buccal, branchial): South Africa
- Caligoid copepod
Yamaguti, S., 1968, *Monogenetic trematodes of Hawaiian fishes*, 287 pp., illus.
Neothunnus macropterus (buccal cavity): *Parathunnus sibi*
all from Hawaii
- Caligopsis* Markewitsch
Prabha, C.; and Pillai, N. K., 1979, *Parasitology*, v. 79 (3), 425-429
". . . *Caligopsis* Markewitsch might be a synonym of *Pseudocaligus* and *Alicalgus* Shiino a synonym of *Abasia*."
- Caligulus* Heegaard
Prabha, C.; and Pillai, N. K., 1979, *Parasitology*, v. 79 (3), 425-429
Caliginae
- Caligus afurcatus* Wilson
Ho, J. S.; and Bashirullah, A. K. M., 1977, *J. Nat. Hist.*, v. 11 (6), 703-714
"*C. afurcatus* can not be transferred to *Metacalgus* [n. rank]. . . ."
- Caligus arcticus* Brandes, 1956
Parker, R. R., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus bennetti* Causey, 1953, illus.
Ho, J. S.; and Bashirullah, A. K. M., 1977, *J. Nat. Hist.*, v. 11 (6), 703-714
redescription
Lobotes surinamensis (gill cavity): Gairia, Venezuela

- Caligus bonito* Wilson, illus.
Marques, E., 1965, Garcia de Orta, v. 13 (2), 185-192
Euthymnus alleteratus: S. Tome Island (Guinea Gulf)
- Caligus bonito*
Rohde, K., 1978, Biol. Zentralbl., v. 97 (4), 405-418
gill parasites of marine fish, species numbers and microhabitat utilization at different latitudes, assumption of greater evolutionary speed in tropics as probable explanation of latitudinal gradients in species diversity (more species in tropical than in cold water fishes)
Katsuwonus pelamis
- Caligus clemensi* Parker and Margolis
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (fins): near Vancouver, British Columbia
- Caligus cybi*
Natarajan, P.; and Nair, N. B., 1972, Hydrobiologia, v. 40 (1), 69-76
Indocybium guttatum (inner side of opercular covering): Trivandrum beach, south-west coast of India
- Caligus elongatus* Nordmann, 1832
Gaevskaia, A. V.; and Umnova, B. A., 1977, Biol. Moria, Vladivostok (4), 40-48
Gadus morhua (body surface, pectoral fins): Nova Scotia; Georges Bank, Northwest Atlantic
- Caligus elongatus* Nordmann, 1832, illus.
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
redescription, priority status of binomen, synonymy, hosts and distribution
- Caligus elongatus* Heegaard, 1943
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
not a syn. of *Caligus elongatus* Nordmann, 1832
- Caligus enormis* Wilson
Ho, J. S.; and Bashirullah, A. K. M., 1977, J. Nat. Hist., v. 11 (6), 703-714
"C. enormis is not a species of *Caligus*, it lacks an endopod in leg 3."
- Caligus fortis* Kabata, 1965
Rohde, K., 1977, Ztschr. Parasitenk., v. 53 (2), 171-182
Heteromicrocotyla australiensis sp. nov., Heteromicrocotyloides mirabilis gen. and sp. nov., *Caligus fortis*, habitat partitioning (each parasite on separate section of gills in clearly defined niches, each morphologically adapted to its microhabitat)
Carangoides emburyi (bony parts of gills): near Heron Island, Great Barrier Reef, Australia
- Caligus grandiabdominalis* Yamaguti
Ho, J. S.; and Bashirullah, A. K. M., 1977, J. Nat. Hist., v. 11 (6), 703-714
C. grandiabdominalis "is not attributable to *Metacaligus* [new rank]."
- Caligus gurnardi* Kroyer, 1863 partim
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus kroyerii* Milne-Edwards, 1840
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus latifrons* Wilson, 1905
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus leptochilus* Frey and Leuckart, 1847
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
? not a syn. of *Caligus elongatus* Nordmann, 1832
- Caligus longicervicis* Gnanamuthu, 1950
Ho, J. S.; and Bashirullah, A. K. M., 1977, J. Nat. Hist., v. 11 (6), 703-714
as syn. of *Metacaligus uruguayensis* comb. nov.
- Caligus lumpi* Kroyer, 1863
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus macrurus* Heller
Ho, J. S.; and Bashirullah, A. K. M., 1977, J. Nat. Hist., v. 11 (6), 703-714
"C. macrurus, cannot be placed in *Sciaenophilus*"
Lobotes erato (gills): Java
- Caligus minimus*
Paperna, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 16 (2), 173-175
Dicentrarchus labrax (gills): marine cultures in France
- Caligus productus*
Rohde, K., 1978, Biol. Zentralbl., v. 97 (4), 405-418
gill parasites of marine fish, species numbers and microhabitat utilization at different latitudes, assumption of greater evolutionary speed in tropics as probable explanation of latitudinal gradients in species diversity (more species in tropical than in cold water fishes)
Katsuwonus pelamis
- Caligus rabidus* Leigh-Sharpe, 1936
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus rapax* of Baird (partim), 1850, of Steenstrup and Lutken, 1861, and of later authors
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus rapax* of Thomsen, 1949
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
prov. a syn. of *Caligus elongatus* Nordmann, 1832
- Caligus rapax* Milne-Edwards, 1840
Parker, R. R., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 1013-1035
not a syn. of *Caligus elongatus* Nordmann, 1832

- Caligus rapax* M. Edwards
Shotter, R. A., 1976, *J. Fish Biol.*, v. 8 (2), 101-117
Merlangius merlangus (buccal cavity, tongue, gill, pectoral fin): Manx waters near Isle of Man and/or Morecambe Bay, N.W. coast of England
- Caligus rissoanus* Milne-Edwards, 1840
Parker, R. R., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus spinosus*
Rohde, K., 1978, *Biol. Zentralbl.*, v. 97 (4), 405-418
gill parasites of marine fish, species numbers and microhabitat utilization at different latitudes, assumption of greater evolutionary speed in tropics as probable explanation of latitudinal gradients in species diversity (more species in tropical than in cold water fishes)
Seriola grandis
- Caligus tenax* Heller, *illus.*
Marques, E., 1965, *Garcia de Orta*, v. 13 (2), 185-192
Caranx hippos: S. Tome Island (Guinea Gulf)
- Caligus trachypteri* Kroyer, 1863
Parker, R. R., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 1013-1035
as syn. of *Caligus elongatus* Nordmann, 1832
- Caligus (Metacaligus) uruguayensis* Thomsen, 1949
Ho, J. S.; and Bashirullah, A. K. M., 1977, *J. Nat. Hist.*, v. 11 (6), 703-714
as syn. of *Metacaligus uruguayensis* comb. nov.
- Calliphora albifrontalis*
Murray, M. D., 1978, *Austral. Vet. J.*, v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Calliphora nociva*
Murray, M. D., 1978, *Austral. Vet. J.*, v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Calliphora vicina*
Nielsen, S. A.; Nielsen, B. O.; and Walhovd, H., 1978, *Entom. Medd.*, København, v. 46 (2), 92-94
blowfly myiasis, hedgehogs
Erinaceus europaeus (nostrils, mouth, anus): Denmark
- Calliphora vomitoria*, *illus.*
Loschiavo, F.; Mento, G.; and Muscolino, O., 1976, *Riv. Parassitol.*, Roma, v. 37 (1), 93-104
Calliphora vomitoria causing intestinal myiasis in 2-year-old child, epidemiological, clinical, and immunological observations, characterized by persistence and neurologic manifestations: Reggio Calabria
- Callitroga americana* (Cushing y Patton, 1933), *illus.*
Rojas R., L.; Cantillo G., J.; and Osorno-Mesa, E., 1974, *Rev. Colomb. Obst. y Ginec.*, v. 25 (1), 51-56
Callitroga americana causing uterine, cervical and endometrial myiasis in woman with prolapsed uterus, 3 larvae found in uterus after hysterectomy, clinical case report: Colombia
- Callopsylla* Wagner, 1934
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Ceratophyllidae, Ceratophyllinae, key key to species, Afghanistan
- Callopsylla (Callopsylla) caspia*, *illus.*
Goncharov, A. I.; et al., 1974, *Parazitologia*, Leningrad, v. 8 (4), 348-352
Nosopsyllus consimilis and *Callopsylla caspia* infected with *Pasteurella pestis*, changes in proventriculus
- Callopsylla (Callopsylla) caspia* (Ioff and Argyropulo, 1934), *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
synonymy, key
Apodemus sylvaticus
Cricetulus migratorius
Alticola roylei
Microtus afghanus
M. arvalis
all from Afghanistan
- Callopsylla (Callopsylla) caspia* (?) *fragilis* (Mikulín 1953)
Smit, F. G. A. M., 1977, *Senckenbergiana Biol.*, v. 58 (1-2), 45-53
Hyperacrius sp.: Kashmir
- Callopsylla gaiskii*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologia*, Leningrad, v. 9 (1), 57-60
+*Alticola strelzovi* (nest): south-eastern Altai
- Callopsylla (Callopsylla) gypaetina* n. sp., *illus.*
Peus, F., 1978, *Senckenbergiana Biol.*, v. 59 (1-2), 71-78
+*Gypaetus barbatus* (nest): Agua Mula/Sierra Cazorla, Provinz Jaen (Andalusien), Spanien
- Callopsylla* (s. str.) *kozlovi* (Wagner, 1929), *illus.*
Tsai, L. Y.; Wu, W. C.; and Liu, C. Y., 1978, *Acta Entom. Sinica*, v. 21 (4), 447-452
synonymy, description, females
Pitymys irene
Cricetulus kamensis
Apodemus speciosus
Rattus niviventer
Myospalax fontanieri
all from southeastern districts of Qinghai Province, West China
- Callopsylla (C.) saxatilis* Ioff et Argyropulo 1934
Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu*, s. C, *Biol. Terr.*, v. 25 (1), 69-86
Gerona, Spain

- Callopsylla* (*Callopsylla*) *sparsilis atallahi* (Lewis, 1971)
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
 Alticola stoliczkanus
 Pitymys sikimensis
 all from Dhaulagiri region of western Nepal
- Callopsylla* (*Callopsylla*) *streeti* new species, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 key
 Cricetulus migratorius: 24 km. E Ishkamish, Badakshan, Afghanistan
- Callopsylla* (*Callopsylla*) *tiflovi* Wagner, 1936, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 key
 Ochotona rufescens
 Cricetulus migratorius
 Meriones persicus
 all from Afghanistan
- Caloglyphus berlesei*, *illus.*
Hiepe, T.; et al., 1978, *Monatsh. Vet.-Med.*, v. 33 (23), 901-904
 Caloglyphus berlesei, sheep, enzootic occurrence, pruritis, wool loss, and dermal lesions, controlled by immediate shearing, perdis PE 50, and moving entire herd to clean sheep pen
- Camisia* sp.
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
 Didelphis marsupialis: Fort Dix, New Jersey
- Campanulotes* Keler, 1939
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
 Goniodoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Campanulotes bidentatus* (Burmeister)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
 Columba livia: Fort Dix, New Jersey
- Campanulotes compar* (Burmeister, 1838)
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
 synonymy, key
 Columba livia: Kansas; Texas
- Campanulotes compar* (Nitzsch), Keler, 1939
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
 as syn. of *Campanulotes compar* (Burmeister, 1838)
- Campanulotes zenaidurae* (McGregor), Keler, 1939
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
 as syn. of *Physconelloides zenaidurae* (McGregor, 1917)
- Capraiaella subcuspidata* (Burmeister, 1838), *illus.*
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
 synonymy, description
 Coracias garrulus: Valencia de Alcantara, Caceres, Espana
- Cardiodectes medusaeus*, *illus.*
Moser, M.; and Taylor, S., 1978, *Canad. J. Zool.*, v. 56 (11), 2372-2376
 Cardiodectes medusaeus on *Stenobrachius leucopsarus*, prevalence in different collection sites and seasons, effects on host (pathology, mortality, parasitic castration, promoting somatic growth); hyperparasitism of copepods by *Hydrichthys* sp.: off Los Angeles; off Santa Barbara; off San Diego
- Carduceps meinertzhageni* (Timmermann) 1952
Haarløv, N., 1977, *Norsk Entom. Tidsskr. (Norwegian J. Entom.)*, v. 24 (1), 37-41
 Calidris alpina: Jan Mayen Island, Norway
- Carebareia* n. gen.
Goff, M. L.; and Brennan, J. M., [1978], *Great Basin Nat.*, v. 37 (4), 1977, 501-509
 Trombiculidae
 tod: *C. johnstoni* n. sp.
- Carebareia johnstoni* n. sp. (tod), *illus.*
Goff, M. L.; and Brennan, J. M., [1978], *Great Basin Nat.*, v. 37 (4), 1977, 501-509
 Marmosa robinsoni: Falcon, W of Coro, Venezuela
- Carrikericeps* Eichler & Zlotorzycza 1964
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
 subgenus of *Cummingsiella*
- Catallagia charlottensis* (Baker)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
 Clethrionomys rutilus: Alaska
- Catallagia dacenkoi* Ioff
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
 Microtus sp.
 Clethrionomys rutilus
 Sorex sp.
 all from Alaska
- Catallagia decipiens*
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
 ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
 Zapus princeps: Montana
- Catallagia striata*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, *Inst. Zool.* (2), 63-65
 Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Cavifera abdita* Clay & Price, 1970
Emerson, K. C.; and Price, R. D., 1979, *Pacific Insects*, v. 20 (1), 59-61
 Otidiphaps nobilis: New Guinea
- Cayerina mirabilis*, Kishida
Yamamoto, H.; et al., 1978, *Snake*, v. 10 (2), 143-147
 Japan
- Cecrops latreillii* Leach, 1816, *illus.*
Grabda, J., 1973, *Acta Ichthyol. et Piscat.*, v. 3 (1), 61-74
 Cecrops latreillii, morphology and development
 Mola mola (gills): N. W. African coast

- Cediopsylla*
Amrine, J. W.; and Lewis, R. E., 1978, *J. Parasitol.*, v. 64 (2), 343-358
". . . *Cediopsylla* is probably a synonym of *Spilopsyllus*."
- Cediopsylla* Jordan, 1925
Barrera, A., [1967], *Rev. Soc. Mexicana Hist. Nat.*, v. 27, 1966, 67-88
redefinition
- Cediopsylla inaequalis* (Baker)
Rutledge, L. C.; et al., 1979, *J. Med. Entom.*, v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Sylvilagus aubudoni: Fort Hunter Liggett, Monterey County, California
- Cediopsylla interrupta*
Barrera, A., [1967], *Rev. Soc. Mexicana Hist. Nat.*, v. 27, 1966, 67-88
Sylvilagus floridanus
S. cunicularius
all from high mountains near Mexico City
- Cediopsylla simplex* (Baker), *illus.*
Amin, O. M., 1974, *J. Med. Entom.*, v. 11 (2), 227-230
Cediopsylla simplex from *Sylvilagus floridanus*, intraspecific variations in genal and pronotal combs in male vs. female fleas, implications for effective lodging and survival
S. floridanus: Kenosha and Racine Counties, SE Wisconsin; Lake County, Illinois
- Cediopsylla simplex*
Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Felis catus
Canis familiaris
Sylvilagus floridanus mearnsii
Vulpes vulpes
Urocyon cinereoargenteus ocythous
all from southeastern Wisconsin
- Cediopsylla simplex* (Baker 1895), *illus.*
Amrine, J. W.; and Lewis, R. E., 1978, *J. Parasitol.*, v. 64 (2), 343-358
Cediopsylla simplex, topography of exoskeleton of head and its appendages, scanning electron microscopy
- Cediopsylla simplex*
Barrera, A., [1967], *Rev. Soc. Mexicana Hist. Nat.*, v. 27, 1966, 67-88
Sylvilagus floridanus
S. cunicularius
all from high mountains near Mexico City
- Cediopsylla simplex* (Baker)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Sylvilagus floridanus: Fort Dix, New Jersey
- Cediopsylla simplex*
Jacobson, H. A.; Kirkpatrick, R. L.; and McGinnes, B. S., 1978, *Wildlife Monogr.* (60), 53 pp.
disease and physiologic characteristics of cottontail rabbits in 2 study areas in relation to population density, includes data on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Cediopsylla simplex* (Baker)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Sylvilagus floridanus
Urocyon cinereoargenteus
Vulpes vulpes
Canis familiaris
Oryctolagus cuniculus
all from southern New England
- Cediopsylla simplex*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Vulpes vulpes
Canis latrans
all from Indiana
- Cediopsylla tepolita* sp. nov., *illus.*
Barrera, A., [1967], *Rev. Soc. Mexicana Hist. Nat.*, v. 27, 1966, 67-88
Hoplopsyllus pectinatus sp. nov., *Cediopsylla tepolita* sp. nov., adaptation to host (a Paleolaginae rabbit), striking examples of slow evolution of parasites of "living fossil"; similarity with *Nesolagobius callosus*, a species of flea parasitic on *Nesolagus* (an Old World Paleolaginae rabbit) belonging to the Archaeopsyllinae rather than the Spilopsyllinae
Romerolagus diazi: 3,000 m altitude, near El Guarda, D. F. and Popocatepetl Volcano
- Cephalobaena Heymons*, 1922
Motta, C. da S.; and Gomes, D. C., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (1), 7-9
Cephalobaenidae, key
- Cephalobaena tetrapoda* Heymons, 1922, *illus.*
Motta, C. da S., 1963, *Atas Soc. Biol. Rio de Janeiro*, v. 7 (4), 7-8
description
Crotalus terrificus (pulmao): Instituto Butantan, Estado de Sao Paulo, Brasil
- Cephalobaenida*
Yamamoto, H.; et al., 1978, *Snake*, v. 10 (2), 143-147
key
- Cephalobaenidae* Sambon, 1922
Motta, C. da S.; and Gomes, D. C., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (1), 7-9
key to genera
- Cephalopina titillator*
Delavenay, R. P., 1978, *Rev. Elevage et Med. Vet. Pays Trop.*, n. s., v. 31 (2), 171-177
parasites of *Camelus dromedarius*, nitroxynil, well tolerated in toxicity assay, very effective against *Cephalopina titillator* and *Haemonchus contortus*: Ethiopia
- Cephalopina titillator* (Clark, 1816)
Dorzh, C.; and Minar, J., 1971, *Folia Parasitol.*, v. 18 (2), 161-164
Camellus bactrianus (nasal cavities): Mongolian People's Republic
- Cephenemyia* spp.
Samuel, W. M.; Trainer, D. O.; and Glazener, W. C., 1971, *J. Wildlife Dis.*, v. 7 (3), 142-146
Cephenemyia spp. on *Odocoileus virginianus*, prevalence and numbers, seasonal distribution, age and sex of host, habitat: Welder Refuge, San Patricio County, south Texas

- Cephenemyia jellisoni* Townsend, tentatively
Samuel, W. M.; Trainer, D. O.; and Glazener,
W. C., 1971, J. Wildlife Dis., v. 7 (3), 142-
146
Ococoileus virginianus: Welder Refuge, San
Patricio County, south Texas
- Cephenemyia phobifer* (Clark), tentatively
Samuel, W. M.; Trainer, D. O.; and Glazener,
W. C., 1971, J. Wildlife Dis., v. 7 (3), 142-
146
Ococoileus virginianus: Welder Refuge, San
Patricio County, south Texas
- Cephenemyia pratti* Hunter, tentatively
Samuel, W. M.; Trainer, D. O.; and Glazener,
W. C., 1971, J. Wildlife Dis., v. 7 (3), 142-
146
Ococoileus virginianus: Welder Refuge, San
Patricio County, south Texas
- Cephenemyia stimulator* (Clark, 1815)
Dorzh, C.; and Minar, J., 1971, Folia Parasit-
tol., v. 18 (2), 161-164
Capreolus capreolus pygargus (nasopharynx):
Mongolian People's Republic
- Cephenemyia stimulator*, illus.
Dudzinski, W., 1970, Acta Parasitol. Polon., v.
18 (42-50), 555-572
Cephenemyia stimulator in *Capreolus capreolus*,
distribution within head cavity, seasonal
incidence and development of larval stages
throughout year, experimental infection of
host, rearing of imagoes, unsuccessful at-
tempts to catch imagoes in the field: Poland
- Cephenemyia stimulator* (Clark), illus.
Dudzinski, W., 1970, Acta Parasitol. Polon., v.
18 (42-50), 573-592
Cephenemyia stimulator on *Capreolus capreolus*,
incidence and intensity in relation to host
age and sex, time of year, and host density,
effect of parasite on host, possible control
by planned reduction of host population: Po-
land
- Cephenomyia trompe*
Kurkela, P.; and Kaantee, E., 1978, Zentralbl.
Vet.-Med., Reihe B, v. 25 (1), 81-87
parasites of domestic Rangifer tarandus
tarandus in enclosure conditions, tetra-
misolum, good results, effective against
Oedemagena tarandi larval forms, no harmful
side effects: North of Finland
- Cephenemyia trompe* Modeer, illus.
Poliakova, P. E.; and Gomoionova, N. P., 1973,
Parazitologiya, Leningrad, v. 7 (4), 327-330
Cephenemyia trompe fed upon by *Aedes hexo-*
dontus and *A. impiger*: Central Chukotka
- Cephenemyia ulrichi* (Brauer, 1862)
Dorzh, C.; and Minar, J., 1971, Folia Parasit-
tol., v. 18 (2), 161-164
Alces alces (nasopharynx): Mongolian
People's Republic
- Cepheus* sp.
Addison, E. M.; Pybus, M. J.; and Rietveld,
H. J., 1978, Canad. J. Zool., v. 56 (10),
2122-2126
Ursus americanus: central Ontario, Canada
- Cepphophila* new gen.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syringophilidae, key
tod: *Cepphophila bulweria* n. sp.
- Cepphophila bulweria* new sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Bulweria bulweria: Nihoa Island, Hawaiian
Islands
- Ceratixodes putus* Pick.-Camb.
Karpovich, V. N., 1970, Parazitologiya, Len-
ingrad, v. 4 (4), 345-351
Ceratixodes putus, incidence on adult and
juvenile birds, distribution of various life
cycle stages on host in relation to surface
temperatures of various sections of body,
dates of attacking behavior and development
in relation to temperature and microclimate
of habitats
Uria aalge
U. lomvia
Alca torda
Cepphus grylle
Fratercula arctica
Rissa tridactyla
Larus argentatus
L. marinus
all from east Murmansk
- Ceratixodes putus* Pick.-Camb.
Karpovich, V. N., 1973, Parazitologiya, Lenin-
grad, v. 7 (2), 128-134
Ceratixodes putus, duration of life cycle,
experimental studies under conditions of
seashore bird colonies 1967-1970: East
Murman
- Ceratixodes signatus*: Banks, 1908
Keirans, J. E.; and Clifford, C. M., 1978, J.
Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Scaphixodes*) *signatus*
Birula, 1895
- Ceratixodes uriae* (White) 1852
Haarlov, N., 1977, Norsk Entom. Tidsskr. (Nor-
wegian J. Entom.), v. 24 (1), 37-41
Uria lomvia: Jan Mayen Island, Norway
- Ceratophyllidae* Dampf, 1908
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
Ceratophyllidae
key, key to genera, Afghanistan
- Ceratophyllidae*
Lewis, R. E., 1975, J. Med. Entom., v. 11 (6),
658-676
Ceratophyllidae, geographical distribution
and host preferences, list of genera and
species
- Ceratophyllus* s. s.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
Ceratophyllidae, *Ceratophyllinae*, key
key to species, Afghanistan
- Ceratophyllus* sp.
Pakizh, V. I., 1971, Parazitologiya, Lenin-
grad, v. 5 (2), 128-136
[*Pica pica*]: northeastern Kazakhstan

- Ceratophyllus advenarius*
Volkov, V. I.; et al., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Ceratophyllus avicitelli*
Lazareva, L. A.; and Eshelkin, I. I., 1975, Parazitologiya, Leningrad, v. 9 (1), 57-60
+Altitcola strelzovi (nest): south-eastern Altai
- Ceratophyllus borealis*
Franzmann, N. E., 1976, Entom. Medd., Kobenhavn, v. 44 (1), 28-30
+Plectrophenax nivalis (nest): Mestersvig, NE Greenland
- Ceratophyllus breviprojectus* Liu, Wu & Wu, 1966, illus.
Tsai, L. Y.; Wu, W. C.; and Liu, C. Y., 1978, Acta Entom. Sinica, v. 21 (4), 447-452
description, females
Hirundo daurica: Y-shu Xian, West China
- Ceratophyllus calcarifer* Wagn., 1913
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[Vole]: northeastern Kazakhstan
- Ceratophyllus (Ceratophyllus) calderwoodi* n. sp., illus.
Holland, G. P., 1979, Canad. Entom., v. 111 (6), 713-719
+Petrochelidon pyrrhonota (nest): Kouchibougnac National Park, New Brunswick
- Ceratophyllus caspius*
Kozlov, M. P.; and Rozanova, G. N., 1974, Parazitologiya, Leningrad, v. 8 (3), 254-260
flea vectors, plague block formation
- Ceratophyllus congeneroides* Wagn.
Feoktistov, A. Z.; and Iakuba, V. N., 1971, Parazitologiya, Leningrad, v. 5 (4), 374-376
Ceratophyllus congeneroides, ability to pick up and transmit virus of tick-borne encephalitis under laboratory conditions during blood sucking on adult white mice, may participate in circulation of virus in nature
- Ceratophyllus consimilis*
Aleksiev, A. N.; et al., 1971, Parazitologiya, Leningrad, v. 5 (2), 113-118
Leptopsylla segnis, *Ceratophyllus consimilis*, C. laeviceps, possible role in transmission of Listeria
- Ceratophyllus consimilis* Wagner
Chaika, S. Iu., 1977, Tsitologiya, v. 19 (11), 1221-1224
various blood-sucking arthropods, ultrastructure of glycocalyx of microvilli in midgut, differences among groups
- Ceratophyllus consimilis* Wagn.
Grebenuk, R. V.; Chirov, P. A.; and Kadyshva, A. M., 1973, Parazitologiya, Leningrad, v. 7 (4), 331-335
Ceratophyllus consimilis, transmission of Salmonella typhimurium
- Ceratophyllus consimilis* Wagn.
Sosnina, E. F., 1973, Parazitologiya, Leningrad, v. 7 (1), 31-35
Microtus arvalis
Apodemus flavicollis
A. sylvaticus
all from mountain Crimea
- Ceratophyllus consimilis* Wagn., illus.
Vashchenok, V. S.; and Chirov, P. A., 1975, Parazitologiya, Leningrad, v. 9 (2), 158-164
Ceratophyllus consimilis infected with Salmonella typhimurium, histological studies
- Ceratophyllus consimilis* Wagn.
Volianskii, Iu. E., 1972, Parazitologiya, Leningrad, v. 6 (1), 54-56
fleas in nests of Microtus arvalis, seasonal changes in number and fauna in 2 different habitats: environs of Odessa
- Ceratophyllus diffinis* Jordan
Main, A. J.; et al., 1979, Entom. News, v. 90 (3), 135-140
Geothlypis trichas
Troglodytes aedon
Seiurus aurocapillus
all from Massachusetts
- Ceratophyllus farreni farreni* Rothschild
Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Ceratophyllus farreni farreni* Rothschild
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
+Delichon urbica (nest): Ireland
- Ceratophyllus fasciatus*
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ceratophyllus fasciatus* Bosc.
Volianskii, Iu. E., 1972, Parazitologiya, Leningrad, v. 6 (1), 54-56
fleas in nests of Microtus arvalis, seasonal changes in number and fauna in 2 different habitats: environs of Odessa
- Ceratophyllus fidus* Jordan and Rothschild, 1915
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
as syn. of Nosopsyllus (Nosopsyllus) fidus (Jordan and Rothschild, 1915)
- Ceratophyllus fidus* I. et R., 1916
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[Mus musculus]: northeastern Kazakhstan
- Ceratophyllus fragilis* Mik., 1953
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[Altitcola strelzovi]: northeastern Kazakhstan
- Ceratophyllus fringillae*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agronom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of exchange of habitats
- Ceratophyllus fringillae* (Walker, 1856), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
synonymy, key
+Oenanthe sp. (nest)
+Ptyonoprogne rupestris (nest)
Microtus afghanus
+Passer domesticus (nest)
all from Afghanistan

- Ceratophyllus (C.) gallinae* (Schrank 1803)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1),
69-86
Pyrenees-Orientales, France
- Ceratophyllus gallinae* Schr.
Borisova, V. I., 1972, Parazitologiya, Lenin-
grad, v. 6 (5), 457-464
ecology of nest parasites of birds with em-
phasis on *Dermanyssus hirundinis*, *Ceratophyl-
lus gallinae*, and *Carnus haemapterus*, season-
al changes in populations, adaptation of
life cycles to host life cycles
+*Columba livia*
+*Parus major*
+*Muscicapa hypoleuca*
+*Phoenicurus phoenicurus*
+*Sturnus vulgaris*
+*Motacilla alba*
+*Passer montanus*
(nest of all): all from Tatar ASSR
- Ceratophyllus gallinae* (Schrank)
Clark, F., 1978, Entom. Gaz., v. 29 (4),
258-260
records of fleas from English birds and
mammals
- Ceratophyllus gallinae* (Schrank)
Fairley, J. S.; and Forster, R., 1979, Entom.
Gaz., v. 30 (1), 56-58
+*Muscicapa striata* (nest)
+*Passer domesticus* (nest)
all from Ireland
- Ceratophyllus gallinae*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agro-
nom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of ex-
change of habitats
- Ceratophyllus gallinae*
Main, A. J.; et al., 1979, Entom. News, v. 90
(3), 135-140
Homo sapiens: Massachusetts
- Ceratophyllus g. gallinae*
Franzmann, N. E., 1976, Entom. Medd., Koben-
havn, v. 44 (1), 28-30
+*Oenanthe oenanthe leucorrhoea* (nest)
+*Plectrophenax nivalis* (nest)
all from Mestersvig, NE Greenland
- Ceratophyllus gallinae gallinae* (Schrank, 1803)
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat.
Verona, v. 2, 1-12
Pernis apivorus apivorus: Italy
Sturnus vulgaris: Italy
Passer domesticus: Turkey
+*Passer sp.* (nest): Italy
- Ceratophyllus gallinae tribulis* Jord., 1926
Pakizh, V. I., 1971, Parazitologiya, Leningrad,
v. 5 (2), 128-136
+[*Riparia riparia*] (nest)
+[*Passer*] (nest)
[*Arvicola terrestris*]
all from northeastern Kazakhstan
- Ceratophyllus gallinae tribulis* Jord.
Volianskii, Iu. E., 1972, Parazitologiya, Len-
ingrad, v. 6 (1), 54-56
fleas in nests of *Microtus arvalis*, seasonal
changes in number and fauna in 2 different
habitats: environs of Odessa
- Ceratophyllus garei* Roths.
Borisova, V. I., 1972, Parazitologiya, Lenin-
grad, v. 6 (5), 457-464
ecology of nest parasites of birds with em-
phasis on *Dermanyssus hirundinis*, *Ceratophyl-
lus gallinae*, and *Carnus haemapterus*, season-
al changes in populations, adaptation of
life cycles to host life cycles
+*Motacilla alba*
+*Emberiza citrinella*
(nest of all): all from Tatar ASSR
- Ceratophyllus garei* Rothschild
Clark, F., 1978, Entom. Gaz., v. 29 (4),
258-260
records of fleas from English birds and
mammals
- Ceratophyllus garei*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agro-
nom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of ex-
change of habitats
- Ceratophyllus garei* Rotsh., 1902
Pakizh, V. I., 1971, Parazitologiya, Lenin-
grad, v. 5 (2), 128-136
+[*Passeriformes*] kamyshevki (nest)
[*Arvicola terrestris*]
[*Clethrionomys rutilus*]
[*Apodemus agrarius*]
all from northeastern Kazakhstan
- Ceratophyllus (C.) garei borealis* (Rothschild
1907)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1),
69-86
Pyrenees-Orientales, France; Gerona, Spain
- Ceratophyllus hirundinis* Sam.
Borisova, V. I., 1972, Parazitologiya, Lenin-
grad, v. 6 (5), 457-464
ecology of nest parasites of birds with em-
phasis on *Dermanyssus hirundinis*, *Ceratophyl-
lus gallinae*, and *Carnus haemapterus*, season-
al changes in populations, adaptation of
life cycles to host life cycles
+*Delichon urbica* (nest): Tatar ASSR
- Ceratophyllus hirundinis* (Curtis)
Clark, F., 1978, Entom. Gaz., v. 29 (4),
258-260
records of fleas from English birds and
mammals
- Ceratophyllus hirundinis* (Curtis)
Fairley, J. S.; and Forster, R., 1979, Entom.
Gaz., v. 30 (1), 56-58
+*Delichon urbica* (nest): Ireland
- Ceratophyllus hirundinis*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agro-
nom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of ex-
change of habitats
- Ceratophyllus hirundinis* (Curtis, 1832), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
synonymy, key
- Ceratophyllus hirundinis* (Curtis, 1826)
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat.
Verona, v. 2, 1-12
Columba livia livia: Italy

- Ceratophyllus hirundinus hirundinus* Curtis, *illus.*
Greenwood, M. T.; and Holdich, D. M., 1979, *J. Zool.*, London, v. 187 (1), 21-38
Ceratophyllus hirundinus hirundinus, *C. styx* styx, surface structure and cellular detail of sensillum, light, stereoscan, and transmission electron microscopy, possible modes of functioning
- Ceratophyllus iranus*
Emel'ianov, P. F.; et al., 1978, *Biol. Zhurnal Armenii*, v. 31 (9), 901-909
fleas of *Meriones persicus*, role of host in focality of plague: Transcaucasia
- Ceratophyllus kozlovi* Wagner, 1929
Tsai, L. Y.; Wu, W. C.; and Liu, C. Y., 1978, *Acta Entom. Sinica*, v. 21 (4), 447-452
as syn. of *Callopsylla* (s. str.) *kozlovi* (Wagner, 1929)
- Ceratophyllus* (*Callopsylla*) *kozlovi* Wagner, Ioff & Scalon, 1954
Tsai, L. Y.; Wu, W. C.; and Liu, C. Y., 1978, *Acta Entom. Sinica*, v. 21 (4), 447-452
as syn. of *Callopsylla* (s. str.) *kozlovi* (Wagner, 1929)
- Ceratophyllus laeviceps*
Alekseev, A. N.; et al., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 113-118
Leptopsylla segnis, *Ceratophyllus consimilis*, *C. laeviceps*, possible role in transmission of *Listeria*
- Ceratophyllus laeviceps*
Chumakova, I. V.; and Kozlov, M. P., 1979, *Entom. Obozr.*, v. 58 (2), 244-247
fleas, stability of sex ratio and its significance in reproduction
- Ceratophyllus laeviceps*
Kozlov, M. P.; and Rozanova, G. N., 1974, *Parazitologiya*, Leningrad, v. 8 (3), 254-260
flea vectors, plague block formation
- Ceratophyllus laeviceps* Wagn., *illus.*
Kunitskaia, N. T., 1970, *Parazitologiya*, Leningrad, v. 4 (5), 444-450
fleas, structure of ovaries
- Ceratophyllus laeviceps*
Morozov, Iu. A.; Rapoport, L. P.; and Kovtun, I. P., 1972, *Parazitologiya*, Leningrad, v. 6 (4), 334-337
flea exchange between *Rhombomys opimus* and *Citellus fulvus* studied by radioisotope tracing: Prichuisk Muyunkum
- Ceratophyllus laeviceps*
Protopopian, M. G.; et al., 1975, *Parazitologiya*, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Ceratophyllus laeviceps turkmenicus* Vlasov and Ioff, 1937
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Nosopsyllus* (*Gerbillophilus*) *turkmenicus turkmenicus* (Vlasov and Ioff, 1937)
- Ceratophyllus lunatus*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, *Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Ceratophyllus niger*
Benton, A. H.; Surman, M.; and Krinsky, W. L., 1979, *J. Parasitol.*, v. 65 (4), 671-672
Ceratophyllus niger, *Opisodasys pseudarcotomys*, evidence that larval fleas feed by ingestion of liquid (whether blood or other body fluids) by sucking action and that they are predatory (attacking and killing even others of their own kind)
- Ceratophyllus penicilliger* Grube
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Ceratophyllus penicilliger*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, *Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Ceratophyllus penicilliger penicilliger* Gr., 1852
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
+[*Clethrionomys rutilus*] (habitation): north-eastern Kazakhstan
- Ceratophyllus pullatus*
Jurik, M., 1976, *Acta Univ. Agric., Fac. Agronom.*, Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of exchange of habitats...
- Ceratophyllus punjabensis* Jordan and Rothschild, 1921
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Nosopsyllus* (*Nosopsyllus*) *punjabensis* (Jordan and Rothschild, 1921)
- Ceratophyllus riparius* J. et R., 1920
Skalon, O. I., 1977, *Zool. Zhurnal*, v. 56 (12), 1820-1825
fleas of *Riparia riparia*, geographic range: Eurasia
- Ceratophyllus riparius* spp., *illus.*
Skalon, O. I., 1977, *Zool. Zhurnal*, v. 56 (12), 1820-1825
- Ceratophyllus riparius concinnus* ssp. n.
Skalon, O. I., 1977, *Zool. Zhurnal*, v. 56 (12), 1820-1825
+*Riparia riparia ijimae* (nest): Sakhalin Island
- Ceratophyllus rusticus* Wagner
Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
+*Delichon urbica* (nest): Ireland
- Ceratophyllus rusticus*
Jurik, M., 1976, *Acta Univ. Agric., Fac. Agronom.*, Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of exchange of habitats

- Ceratophyllus scaloni* Vovchinskaja (1950)
Voronova, G. A.; and Feoktistov, A. Z., 1978, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (2), 97-100
fleas, *Yersinia pestis* subcultures isolated
- Ceratophyllus sciurorum*
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ceratophyllus sciurorum* Schrank
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
all from Belorussian Polesia
- Ceratophyllus* (*Monopsyllus*) *sciurorum asiaticus* Ioff, 1940
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
as syn. of *Monopsyllus sciurorum asiaticus* (Ioff, 1940)
- Ceratophyllus simla* Jordan and Rothschild, 1921
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
as syn. of *Nosopsyllus* (*Nosopsyllus*) *simla* (Jordan and Rothschild, 1921)
- Ceratophyllus spadix* J. & R., 1921
Lewis, R. E., 1977, J. Med. Entom., v. 13 (4-5), 523-530
as syn. of *Frontopsylla* (*Frontopsylla*) *spadix* (J. & R., 1921)
- Ceratophyllus styx* Roths.
Borisova, V. I., 1972, Parazitologiya, Leningrad, v. 6 (5), 457-464
ecology of nest parasites of birds with emphasis on *Dermanyssus hirundinis*, *Ceratophyllus gallinae*, and *Carnus haemapterus*, seasonal changes in populations, adaptation of life cycles to host life cycles
+*Riparia riparia* (nest): Tatar ASSR
- Ceratophyllus styx*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agronom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of exchange of habitats
- Ceratophyllus styx* Roths.
Skalon, O. I., 1977, Zool. Zhurnal, v. 56 (12), 1820-1825
fleas of *Riparia riparia*, geographic range: Eurasia
- Ceratophyllus styx freyi* Nordb., illus.
Ulmanen, I., 1979, Notulae Entom., v. 59 (1), 29-32
+*Riparia riparia* (nests): Finland and northern Sweden
- Ceratophyllus styx jordanii* Smit
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
+*Riparia riparia* (burrow): Ireland
- Ceratophyllus styx riparius* Jordan et Rothschild, 1920, illus.
Goncharov, A. I., 1972, Parazitologiya, Leningrad, v. 6 (2), 133-136
Ceratophyllus styx riparius, female fixed in copula was found to possess 2 spermathecae +[*Riparia riparia*] (nest): Churapchinsk region, Yakutsk ASSR
- Ceratophyllus styx styx* Rothschild, illus.
Greenwood, M. T.; and Holdich, D. M., 1979, J. Zool., London, v. 187 (1), 21-38
Ceratophyllus hirundinus hirundinus, *C. styx styx*, surface structure and cellular detail of sensillum, light, stereoscan, and transmission electron microscopy, possible modes of functioning
- Ceratophyllus styx styx* Rotsch., illus.
Ulmanen, I., 1979, Notulae Entom., v. 59 (1), 29-32
+*Riparia riparia* (nests): Finland and northern Sweden
- Ceratophyllus tesquorum*
Chumakova, I. V.; and Kozlov, M. P., 1979, Entom. Obozr., v. 58 (2), 244-247
fleas, stability of sex ratio and its significance in reproduction
- Ceratophyllus tesquorum*
Kozlov, M. P.; and Rozanova, G. N., 1974, Parazitologiya, Leningrad, v. 8 (3), 254-260
flea vectors, plague block formation
- Ceratophyllus tesquorum*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Ceratophyllus tesquorum*
Reitblat, A. G.; Kalmykova, N. P.; and Emel'ianov, P. F., 1978, Zool. Zhurnal, v. 57 (11), 1732-1735
mites from nests of suslik, feeding on flea eggs and larvae and blood and albumen, comments on regular feeding habits; possible influence on flea populations
- Ceratophyllus tesquorum altaicus* Ioff (1936)
Voronova, G. A.; and Feoktistov, A. Z., 1978, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (2), 97-100
fleas, *Yersinia pestis* subcultures isolated
- Ceratophyllus tesquorum transvolgensis* I., 1936
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[*Citellus*]
+[*Lagurus lagurus*] (nest)
+[*Circus pygargus*] (nest)
all from northeastern Kazakhstan
- Ceratophyllus* (*Ceratophyllus*) *titicacensis* sp. nov., illus.
Smit, F. G. A. M., 1978, Zool. J. Linn. Soc., London, v. 62 (2), 189-192
+*Phalacrocorax olivaceus olivaceus* (nest): Lago Titicaca, Peru

- Ceratophyllus trispinus*
Morozov, Iu. A.; Rapoport, L. P.; and Kovtun, I. P., 1972, *Parazitologiya*, Leningrad, v. 6 (4), 334-337
flea exchange between *Rhombomys opimus* and *Citellus fulvus* studied by radioisotope tracing: Prichuisk Muyunkum
- Ceratophyllus turbidus*
Adamovich, V. L., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ceratophyllus turbidus* Roths.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Ceratophyllus turbidus* Roths
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Ceratophyllus vagabundus insularis* Rothschild, 1906, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
- Ceratophyllus vagabundus vagabundus* (Boh.)
Cotton, M. J., 1979, *Entom. Month. Mag.* (1360-1363), v. 113, 1977, 213-217
+*Plectrophenax nivalis*
+*Clangula hyemalis*
+*Somateria mollissima*
+*Anser fabalis*
(nest of all): all from north-east Greenland
- Ceratophyllus v. vagabundus*
Franzmann, N. E., 1976, *Entom. Medd.*, Kobenhavn, v. 44 (1), 28-30
+*Branta leucopsis* (nest)
+*Anser fabalis brachyrhynchus* (nest)
all from Mestersvig, NE Greenland
- Ceratophyllus vagabundus vagabundus* (Boheman, 1866)
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
synonymy, key
Montifringilla theresae: Afghanistan
- Ceratophyllus vlasovi* Ioff, 1940
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Nosopsyllus* (*Gerbillophilus*) *vlasovi* (Ioff, 1940)
- Ceratophyllus* (*Ophthalmopsylla*) *volgensis*
Wagner and Ioff, 1926
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Ophthalmopsylla* (*Ophthalmopsylla*) *volgensis volgensis* (Wagner and Ioff, 1926)
- Ceratophyllus walkeri*
Adamovich, V. L., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ceratophyllus walkeri* Roths.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Ceratophyllus walkeri* Rotsh., 1902
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Arvicola terrestris*]
[*Rattus norvegicus*]
[*Mustela nivalis*]
[*Ondatra zibethica*]
[*Mustela erminea*]
all from northeastern Kazakhstan
- Ceratophyllus zhovtyi* Emel. et Gonch.
Zonov, G. B.; and Iakuba, V. N., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 289-290
ectoparasites found in uninhabited tree hollows, possible places of contact with hosts: focus of tick-borne encephalitis in Pred-baikal
- Ceratopsylla obscura* Wagner, 1898
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Ischnopsyllus* (*Ischnopsyllus*) *obscurus* (Wagner, 1898)
- Cervicola Keler*, 1958
Zlotorzyczka, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniодоidea and *Trichodectoidea*, keys to sub-families, genera, and species, systematics, hosts: Poland
- Cervicola meyeri* (Taschenberg, 1822)
Kadulski, S., 1975, *Acta Parasitol. Polon.*, v. 23 (41-51), 493-535
Cervicola meyeri, infestation in relation to age and sex of host, long-term and seasonal fluctuations in numbers, habitat preference on host, economic importance
Capreolus capreolus
Cervus elaphus
all from Poland
- Cervicola meyeri* (Taschenberg), *illus.*
Piotrowski, F.; and Kadulski, S., 1970, *Acta Parasitol. Polon.*, v. 18 (27-41), 305-314
description of nymphs, redescription of adults
Capreolus capreolus: Poland
- Chadriceps Zlotorzyczka*, 1967
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Chadriceps hiaticulae* (O. Fabr.) 1780
Haarlov, N., 1977, *Norsk Entom. Tidsskr.* (Norwegian *J. Entom.*), v. 24 (1), 37-41
Charadrius hiaticulae: Jan Mayen Island, Norway
- Chaetopsylla floridensis* (I. Fox)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Martes americana
Lutra canadensis
Mustela vison
all from Alaska
- Chaetopsylla globiceps*
Adamovich, V. L., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR

- Chaetopsylla globiceps* (Taschenberg, 1880), illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Syn.: *Pulex globiceps* Taschenberg, 1880
Vulpes vulpes: Afghanistan
- Chaetopsylla globiceps* Jash., 1880
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Vulpes*]
[*Vulpes corsac*]
all from northeastern Kazakhstan
- Chaetopsylla homoeus* Rotsh., 1906
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Mustela eversmanni*]
[*Vulpes corsac*]
all from northeastern Kazakhstan
- Chaetopsylla lotoris*
Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Vulpes vulpes
Urocyon cinereoargenteus ocythous
all from southeastern Wisconsin
- Chaetopsylla lotoris* (Stewart)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Procyon lotor: Massachusetts
Mephitis mephitis: Connecticut
Urocyon cinereoargenteus: Massachusetts
- Chaetopsylla lotoris*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Procyon lotor
all from Indiana
- Chaetopsylla lotoris*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Chaetopsylla trichosa*
Laumond, C.; and Beaucournu, J. C., 1978, *Ann. Parasitol.*, v. 53 (3), 291-302
parasitized by *Allantonematidae incertae sedis*
Meles meles: Nyon (Canton de Vaud, Suisse)
- Chaetopsylla trichosa* Koh., 1903
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Meles meles*]: northeastern Kazakhstan
- Chaetopsylla wenxianensis* sp. nov., illus.
Wang, H. E.; Liu, C.; and Liu, C. Y., 1979, *Acta Entom. Sinica*, v. 22 (4), 473-476
Mustela sibirica
Rattus norvegicus
all from Fan-bao People's Commune, Wenxian, south Gansu, China
- '*Chalimus*' larvae
MacKenzie, K.; and Gibson, D. I., 1970, *Symposia Brit. Soc. Parasitol.*, v. 8, 1-42
Pleuronectes platessa
Platichthys flesus
(fins of all): all from Scotland
- Cheladonta costulata* (Willm.)
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Cheladonta costulata*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Cheladonta flava* Schlug., 1955
Muliarskaia, L. V., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Cheladonta ikaoensis* (Sasa et al., 1951)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Chelanyssus aethiopicus*, protonymphs
Whitaker, J. O., jr.; and Mumford, R. E., 1978, *J. Mamm.*, v. 59 (3), 632-634
Tadarida pumila: Kenya
- Chelopistes Keler*, 1939
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and *Trichodectoidea*, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Chenophila* new genus
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: *Acarina*), 145 pp.
Syringophilidae, key
tod: *Chenophila branta* new sp.
- Chenophila branta* n. sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: *Acarina*), 145 pp.
Branta canadensis: Kensington Park, Oakland County, Michigan
- Cheyletidae* Leach 1814
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: *Acarina*), 145 pp.
Cheyletoidea
- Cheyletidae* sp.
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Microtus agrestis
Pitymys subterraneus
all from Gory Sowie (Middle Sudetes), Poland
- Cheyletiella* Canestrini, 1885
v. Bronswijk, J. E. M. H.; and de Kreek, E. J., 1976, *J. Med. Entom.*, v. 13 (3), 315-327
diagnosis, key to species on pets
- Cheyletiella*
Cotteleer, C.; and Fameree, L., 1978, *Schweiz. Arch. Tierh.*, v. 120 (10), 533-537
Cheyletiella suspected as cause of dermatitis in camel and 3 persons in contact with it

- Cheyletiella sp., illus.
McKeever, P. J.; and Allen, S. K., 1979, J. Am. Vet. Med. Ass., v. 174 (7), 718-720
Cheyletiella spp., cats, pruritic dermatitis, pyrethrins, malathion 57
- Cheyletiella sp., illus.
Ogata, M.; et al., 1978, Bull. Azabu Vet. Coll., v. 3 (2), 291-295
Cheyletiella sp. from cat, description; dermatitis of cat and her owners, selenium disulfide treatment of cat, case report: Tokyo, Japan
- Cheyletiella blakei Smiley, 1970, illus.
v. Bronswijk, J. E. M. H.; and de Kreek, E. J., 1976, J. Med. Entom., v. 13 (3), 315-327
Cheyletiella yasguri on Canis familiaris, Cheyletiella blakei on Felis catus, Cheyletiella parasitivorax on Oryctolagus cuniculus, biological, veterinary, and medical literature reviewed; key
- Cheyletiella blakei
Cotteleer, C.; and Fameree, L., 1978, Schweiz. Arch. Tierh., v. 120 (10), 533-537
chat: Belgique
- Cheyletiella blakei
Mehl, R., 1978, Fauna, Oslo, v. 31 (4), 250-267
arthropod pests of humans or domestic animals, Laboratory of Medical Entomology enquiries (1972-1976), first report: Norway
- Cheyletiella blakei, illus.
Niiyama, M.; and Ohbayashi, M., 1979, Japan. J. Vet. Sc., Tokyo, v. 41 (4), 395-399
Cheyletiella blakei infestation of kitten owned by family suffering from dermatitis Felis catus: from pet shop in Sapporo City
- Cheyletiella blakei (Smiley), illus.
Ottenschot, T. R. F.; and Gil, D., 1978, Tijdschr. Diergeneesk., v. 103 (2), 1104-1108
cheyletiellosis in long-haired cats, chronic pruritis, treatment with diazinon flea collars and lindane baths: Netherlands; Western Germany
- Cheyletiella blakei, illus.
Pfeiffer, H., 1979, Ztschr. Parasitenk., v. 59 (1), 95-106
Cheyletiella blakei, cats, clinical symptoms also appeared in owner, alugan successfully removed mites from cats and owner's skin affection then disappeared; morphology, differential diagnosis from C. parasitivorax Hauskatze: Osterreich
- Cheyletiella parasitivorax (Megnin, 1878), illus.
v. Bronswijk, J. E. M. H.; and de Kreek, E. J., 1976, J. Med. Entom., v. 13 (3), 315-327
Cheyletiella yasguri on Canis familiaris, Cheyletiella blakei on Felis catus, Cheyletiella parasitivorax on Oryctolagus cuniculus, biological, veterinary, and medical literature reviewed; key
- Cheyletiella parasitivorax
Cotteleer, C.; and Fameree, L., 1978, Schweiz. Arch. Tierh., v. 120 (10), 533-537
Oryctolagus cuniculus: Belgique
- Cheyletiella parasitivorax, illus.
Marchiondo, A. A.; and Foxx, T. S., 1978, J. Parasitol., v. 64 (5), 925-927
Cheyletiella yasguri, C. parasitivorax, solenidion on genu I, variation in shape, scanning electron microscopy
- Cheyletiella parasitivorax, illus.
Pfeiffer, H., 1979, Ztschr. Parasitenk., v. 59 (1), 95-106
Cheyletiella blakei, cats, clinical symptoms also appeared in owner, alugan successfully removed mites from cats and owner's skin affection then disappeared; morphology, differential diagnosis from C. parasitivorax: Osterreich
- Cheyletiella yasguri, illus.
Alcaino, H. A.; and Calderon, M. T., 1976, Arch. Med. Vet., Valdivia, v. 8 (1), 40-41
Cheyletiella yasguri, dogs, neguvon perros: Santiago, Chile
- Cheyletiella yasguri Smiley, illus.
Brandrup, F.; Andersen, K. E.; and Kristensen, S., 1979, Ugeskr. Laeger, v. 141 (15), 1015-1017
Cheyletiella yasguri infection in dogs and their owners, removal of dogs from homes and therapy with metrifonate baths exterminated mite populations: Denmark
- Cheyletiella yasguri Smiley, 1965, illus.
v. Bronswijk, J. E. M. H.; and de Kreek, E. J., 1976, J. Med. Entom., v. 13 (3), 315-327
Cheyletiella yasguri on Canis familiaris, Cheyletiella blakei on Felis catus, Cheyletiella parasitivorax on Oryctolagus cuniculus, biological, veterinary, and medical literature reviewed; key
- Cheyletiella yasguri
Kieffer, M.; Kristensen, S.; and Hallas, T. E., 1979, Ugeskr. Laeger, v. 141 (49), 3363-3367
ectoparasites of dogs and cats, cause of pruritic lesions in human owners, diagnosis, clinical findings, case reports, control measures: Denmark
- Cheyletiella yasguri, illus.
Kristensen, S.; Brandrup, F.; and Andersen, K. E., 1978, Dansk Vet.-Tidsskr., v. 61 (8), 369-375
Cheyletiella yasguri, dogs and humans exposed to dogs, case histories, neguvon successful in dogs
- Cheyletiella yasguri
Kristensen, S.; Haarløv, N.; and Mourier, H., 1978, Nord. Vet.-Med., v. 30 (10), 401-413
dog: Denmark
- Cheyletiella yasguri
McKeever, P. J.; and Allen, S. K., 1979, J. Am. Vet. Med. Ass., v. 174 (7), 718-720
Cheyletiella spp., cats, pruritic dermatitis, pyrethrins, malathion 57
- Cheyletiella yasguri, illus.
Marchiondo, A. A.; and Foxx, T. S., 1978, J. Parasitol., v. 64 (5), 925-927
Cheyletiella yasguri, C. parasitivorax, solenidion on genu I, variation in shape, scanning electron microscopy
- Cheyletiella yasguri
Mehl, R., 1978, Fauna, Oslo, v. 31 (4), 250-267
arthropod pests of humans or domestic animals, Laboratory of Medical Entomology enquiries (1972-1976), first report: Norway
- Cheyletiellidae Volgin, 1966
v. Bronswijk, J. E. M. H.; and de Kreek, E. J., 1976, J. Med. Entom., v. 13 (3), 315-327
diagnosis

- Cheyletiellosis
Cotteleer, C.; and Fameree, L., 1978, Schweiz. Arch. Tierh., v. 120 (10), 533-537
cheyletiellosis, man and animals, review
- Cheyletiellosis
Ottenschot, T. R. F.; and Gil, D., 1978, Tijdschr. Diergeneesk., v. 103 (2), 1104-1108
cheyletiellosis in long-haired cats, chronic pruritis, treatment with diazinon flea collars and lindane baths: Netherlands; Western Germany
- Cheyletoidea
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
includes: Cheyletidae; Harpyrhynchidae; Syringophilidae; Myobiidae; Psorergatidae; Demodicidae; Ophioptidae; Chloracaricae
- Cheyletus sp.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Cheyletus sp.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Apodemus tauricus
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Cheyletus [sp.] cf. malaccensis Oudemans
Ramsay, G. W., 1977, N. Zealand J. Zool., v. 4 (4), 395-394
Rattus exulans: Tokelau Islands
- Cheyletus eruditus (Schrank)
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Didelphis marsupialis
Peromyscus leucopus
all from Fort Dix, New Jersey
- Cheyletus eruditus
Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 193-198
Rattus norvegicus: Indiana
- Cheyletus malaccensis Oudemans, illus.
David Jacob, P.; George Varghese, C.; and Peter, C. T., 1973, Kerala J. Vet. Sc., v. 4 (2), 133-136
Cheyletus malaccensis, description, morphology
Gallus gallus domesticus (body feathers): Mannuthy, Kerala
- Chiggers
Traub, R.; and Wisseman, C. L., jr., 1974, J. Med. Entom., v. 11 (3), 237-303
chigger-borne rickettsiosis (scrub typhus), ecology, extensive critical review
- Chigger, unidentified
Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
Myotis austroriparius: Shawnee National Forest, southern Illinois
- Chirocetes new genus
Herrin, C. S.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (3), 347-351
[lapsus p. 347 as Chirocetes]
Macronyssidae, Macronyssinae
tod: Chirocetes lonchophylla n. sp.
- Chirocetes lonchophylla n. sp. (tod), illus.
Herrin, C. S.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (3), 347-351
Lonchophylla robusta: 10 km S and 18 km W Machiques (near Kasmera), Zulia, Venezuela
- Chirocetes [lapsus p. 347 for Chirocetes new genus]
Herrin, C. S.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (3), 347-351
- Chiromyobia Fain, 1972
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
subgen. of Acanthophthirus
- Chiroptella (Chiroptella) adami n. sp., illus.
Taufflieb, R., 1972, Acarologia, v. 14 (2), 190-197
Lissonycteris angolensis smithi (membrane alaire): Ebarak, Region du Senegal Oriental, Republique du Senegal
- Chiroptella (Oudemansidium) muscae (Oudms.)
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Syn.: Allothrombidium muscae Oudemans, 1906
Rhinopoma hardwickei
Scotophilus heathi
all from Afghanistan
- Chiropteropsylla Oudemans, 1908
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Ischnopsyllidae, key
- Chiropteropsylla brockmani Rothschild, 1915
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
as syn. of Chiropteropsylla brockmani brockmani Rothschild, 1915
- Chiropteropsylla brockmani brockmani Rothschild, 1915, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Syn.: Chiropteropsylla brockmani Rothschild, 1915
- Chiroptonyssus robustipes (Ewing)
Keh, B., 1974, J. Med. Entom., v. 11 (4), 498
Chiroptonyssus robustipes, dermatitis of face and abdomen in 18-month-old boy: near Ingot, Shasta County, California
- Chloracaricae Camin et al., 1967
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Cheyletoidea
- Chondracanthus angustatus Heller, 1865, illus.
Rousset, V.; et al., 1978, Ztschr. Parasitenk., v. 55 (1), 73-89
Chondracanthus angustatus reproductive apparatus, anatomy, histology, and spermiogenesis
- Chondracanthus grasilis Fraser, 1920, illus.
Kabata, Z., 1976, J. Fish. Research Bd. Canada, v. 33 (11), 2507-2525
copepods, description of early larval stages

- Chondracanthus merlucci* (Holten, 1802)
Gaevskaia, A. V.; and Umnova, B. A., 1977, Biol. Moria, Vladivostok (4), 40-48
Merluccius bilinearis (buccal cavity): Georges Bank, Northwest Atlantic
- Chondracanthus nodosus* (Mueller, 1776)
Gaevskaia, A. V.; and Umnova, B. A., 1977, Biol. Moria, Vladivostok (4), 40-48
Sebastes marinus (gill cavity): Grand Newfoundland Bank; region of Nova Scotia, Emerald Bank and Browns Bank, Northwest Atlantic
- Chorioptes*
Graham, O. H.; and Hourrigan, J. L., 1977, J. Med. Entom., v. 13 (6), 629-658
arthropod parasites of livestock, eradication programs, review
- Chorioptes*
Liebisch, A.; and Petrich, J., 1977, Deutsche Tierarztl. Wchnschr., v. 84 (11), 424-427
scabies, cattle, present incidence, methods for diagnosis and control described: North Germany
- Chorioptes bovis*
Boersema, J. H., 1978, Tijdschr. Diergeneesk., v. 103 (7), 377-380
Chorioptes bovis, horse with foot-mange, resistant to coumaphos, lindane successful
- Chorioptes bovis*
Heath, A. C. G., 1978, N. Zealand Vet. J., v. 26 (12), 299-300, 309-310
Chorioptes bovis, sheep, seasonality, pathogenicity, intra-flock transfer, analysis of semen quality of rams with scrotal lesions: [New Zealand]
- Chorioptes bovis* (Hering)
Heath, A. C. G., 1979, N. Zealand J. Zool., v. 6 (1), 141-144
ectoparasites, feral sheep, host age and sex: Campbell Island, New Zealand
- Chorioptes bovis*
Liebisch, A.; et al., 1978, Vet.-Med. Nachr. (1), 63-76
mange, cattle, asuntol
- Chorioptes bovis*
Liebisch, A.; et al., 1978, Vet. Med. Rev. (1), 63-76
Chorioptes bovis, *Sarcoptes bovis*, *Psoroptes ovis*, cattle, spray treatment with asuntol effectively controlled mange: Germany
- Chorioptes bovis* var. *bovis* (Gerlach, 1857), illus.
Oba, M. S. P.; Ogassawara, S.; and Costa, A. J. S., 1977, Arq. Inst. Biol., Sao Paulo, v. 44 (1-2), 95-97
Chorioptes bovis var. *bovis*, bovinos, clinical aspects, cure with neguvon + asuntol: Municipio de Sao Carlos, Sao Paulo
- Chorioptes ovis*
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Chrysomya bezziana* Villeneuve, illus.
Kitching, R. L., 1976, Bull. Entom. Research, v. 66 (2), 195-203
Chrysomya spp., keys, description of eggs, larval instars and puparia, scanning electron micrographs
- Chrysomyia bezziana*
Lim, S. T., 1974, Singapore Dent. J., v. 13 (2), 33-34
myiasis, human oral infestation, clinical aspects, treatment, literature review
- Chrysomya megacephala* (F.), illus.
Kitching, R. L., 1976, Bull. Entom. Research, v. 66 (2), 195-203
Chrysomya spp., keys, description of eggs, larval instars and puparia, scanning electron micrographs
- Chrysomya megacephala* (Fabr.)
Roy, P.; and Dasgupta, B., 1971, South African J. Med. Sc., v. 36 (4), 85-91
blowflies, parasitic development on living vertebrates, preference for brain tissue when feeding, invertebrates were poor breeding material
Clarius batrachus
Bufo melanostictus
Rana tigrina
Hemidactylus fluviiviridis
Columba livia
Suncus murinus
(all exper.)
- Chrysomya nigripes* Aubertin, illus.
Kitching, R. L., 1976, Bull. Entom. Research, v. 66 (2), 195-203
Chrysomya spp., keys, description of eggs, larval instars and puparia, scanning electron micrographs
- Chrysomya rufifacies* (Macquart), illus.
Kitching, R. L., 1976, Bull. Entom. Research, v. 66 (2), 195-203
Chrysomya spp., keys, description of eggs, larval instars and puparia, scanning electron micrographs
- Chrysomya rufifacies*
Murray, M. D., 1978, Austral. Vet. J., v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Chrysomya saffrana* (Bigot), illus.
Kitching, R. L., 1976, Bull. Entom. Research, v. 66 (2), 195-203
Chrysomya spp., keys, description of eggs, larval instars and puparia, scanning electron micrographs
- Chrysomya varipes* (Macquart), illus.
Kitching, R. L., 1976, Bull. Entom. Research, v. 66 (2), 195-203
Chrysomya spp., keys, description of eggs, larval instars and puparia, scanning electron micrographs
- Ciconiphilus africanus* Bedford 1939
Kigaye, M. K., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 295-298
Leptotilos crumeniferus (head, external ears): Mukuno abattoir, about 16 km from Kampala, Uganda

- Ciconiphilus cygni* Price and Emerson, 1965
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, Proc. Entom. Soc. Wash., v. 81 (2), 327-328
Olor columbianus (head): Ontario, Canada
- Ciconiphilus euxenuri* sp. nov., illus.
Palma, R. L., [1978], Physis, Rev. Asoc. Argent. Cien. Nat. (93), v. 37, 1977, 251-254
Syn.: *Ciconiphilus quadripustulatus*? : Palma, 1973
Euxenura maguari: La Plata, and Las Flores, prov. Buenos Aires, Argentina
- Ciconiphilus quadripustulatus*? : Palma, 1973
Palma, R. L., [1978], Physis, Rev. Asoc. Argent. Cien. Nat. (93), v. 37, 1977, 251-254
as syn. of *Ciconiphilus euxenuri* sp. nov.
- Cimex* sp.
Tagil'tsev, A. A., 1971, Parazitologiya, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus
M. mistacinus
all from Zaisansk region, Eastern Kazakhstan oblast
- Cimex hemipterus*
Adhami, N.; and Khan, N. H., 1976, Indian J. Entom., v. 37 (1), 1975, 60-63
Cimex hemipterus, hempa as chemosterilant, reduction of oviposition and egg viability, more effective against males than females as measured by egg hatchability
- Cimex hemipterus* (Fabr.)
Ogston, C. W.; et al., 1979, J. Infect. Dis., v. 140 (3), 411-414
Cimex hemipterus, persistence of hepatitis B surface antigen, potential as vector of hepatitis B virus
- Cimex lectularius* L.
Chaika, S. Iu., 1977, Tsitologiya, v. 19 (11), 1221-1224
various blood-sucking arthropods, ultra-structure of glycocalyx of microvilli in midgut, differences among groups
- Cimex lectularius*
Jupp, P. G.; et al., 1978, South African Med. J., v. 53 (15), 598-600
Cimex lectularius, possible vector of hepatitis B virus in the Transvaal area of South Africa
- Cimex lectularius* L.
Kulin, E. T.; et al., 1977, Izvest. Akad. Nauk SSSR, s. Biol. (3), 357-362
Hyalomma asiaticum, *Cimex lectularius*, locomotor responses under influence of electromagnetic fields of differing frequencies and intensities
- Cimex lectularius*, illus.
Levinson, H. Z.; et al., 1974, J. Insect Physiol., v. 20 (7), 1231-1248
Cimex lectularius, structure of sensilla, olfactory perception, and behavior in response to its alarm pheromone
- C[imex] *lectularius*
Puchkova, E. A., 1977, Veterinariia, Moskva (7), 19-22
D[ermanyssus] *gallinae*, C[imex] *lectularius*, lice, chickens on industrial scale farms, control, sevin, dicresil, chlorophos, carbophos; other complex sanitation measures
- Cimex lectularius*
Schreck, C. E.; Posey, K.; and Smith, D., 1978, J. Econom. Entom., v. 71 (3), 397-400
permethrin as potential clothing treatment against bloodsucking arthropods, minimum effective dosage necessary for quick kill on contact
- Cimex lectularius*
Zarzara, C., 1979, Rev. Crest. Animalelor, v. 29 (5), 42-45
Cimex lectularius, lindatox-20, neguvon, and carbetox 37, laboratory tests; carbetox 37 for control in poultry sheds, application methods
- Cirrophthirus* Timmermann 1953
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
subgenus of *Cummingsiella*
Syn.: *Rhombiceps* Eichler, 1952
- Cistellatrix* Timmermann 1953
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
subgenus of *Cummingsiella*
- Citellophilus* Wagner, 1934
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Ceratophyllidae, *Ceratophyllinae*, key to species, Afghanistan
- Citellophilus lebedewi* (Wagner, 1933)
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
synonymy, key
- Citellophilus trispinus* (Wagner and Ioff, 1926), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
synonymy, key
Ochotona rufescens
Citellus fulvus
all from Afghanistan
- Clavella adunca* (Mueller, 1776)
Gaevskaia, A. V.; and Umnova, B. A., 1977, Biol. Moria, Vladivostok (4), 40-48
Gadus morhua (buccal cavity): Georges Bank; coast of Nova Scotia, Northwest Atlantic
- Clavella adunca* f. *devastatrix*
Smith, J. W., 1969, Norwegian J. Zool., v. 17 (1), 57-63
Diclidophora merlangi, *Clavella adunca* f. *devastatrix*, and *Lernaeocera branchialis* on *Merlangius merlangus*, incidence in relation to locality and host sex, intensity of infection, microhabitats: British waters
- Clavella perfida* Wilson, 1915, illus.
Grabda, J., 1977, Acta Ichthyol. et Piscat., v. 7 (2), 15-34
degree of parasite infestation of *Theragra chalcogramma* (gill lobes), commercial value: imported from USSR
- Clavella uncinata* (Mueller)
van den Broek, W. L. F., 1979, J. Fish Biol., v. 14 (4), 371-380
copepods of *Merlangius merlangus* and *Platichthys flesus*, seasonal changes in levels of infestation related to annual migrations of young fish into estuary, localization, age of host
Merlangius merlangus (branchial cavity): Medway Estuary, Kent

- Clavella uncinata* Mueller
Shotter, R. A., 1976, *J. Fish Biol.*, v. 8 (2), 101-117
Merlangius merlangus (gill rakers, gill arches, buccal cavity, operculum): Manx waters near Isle of Man and/or Morecambe Bay, N.W. coast of England
- Clavellisa emarginata* (Kroeger, 1837)
Kovaleva, A. A., 1966, *Respublik. Mezhvedomstv. Sborn.*, Akad. Nauk Ukrain. SSR, s. Biol. Moria, 32-38
seasonal variation of invasion extensity and intensity
Atherina mochon pontica (gills): Black Sea (region of Karadag)
- Clavellodes macrotrachelus* (Brian, 1906), illus.
Caillet, C.; and Raibaut, A., 1979, *Compt. Rend. Acad. Sc.*, Paris, v. 288, s. D, Sc. Nat. (2), 223-226
Clavellodes macrotrachelus, sexuality
Diplodus sargus (exper.)
- Clayiella latitempora* sp. n., illus.
Carriker, M. A. jr., [1964], *Rev. Soc. Mexicana Hist. Nat.*, v. 24, 1963, 49-67. [Correction for 1963 b, as published in Supplement 17]
Carpodectes nitidus nitidus: Guapiles, Costa Rica
- Clayiella latitempora tityra* subsp. n., illus.
Carriker, M. A. jr., [1964], *Rev. Soc. Mexicana Hist. Nat.*, v. 24, 1963, 49-67. [Correction for 1963 b, as published in Supplement 17]
Tityra semifasciata costaricensis: Guapiles, Costa Rica
T. semifasciata columbiana: Colombia
- Clayiella minuta* sp. n., illus.
Carriker, M. A. jr., [1964], *Rev. Soc. Mexicana Hist. Nat.*, v. 24, 1963, 49-67. [Correction for 1963 b, as published in Supplement 17]
Attila spadiceus citreopygius: Guapiles, Costa Rica
A. spadiceus coniceps: Antioquia, Colombia
- Clayiella platypsara* sp. n., illus.
Carriker, M. A. jr., [1964], *Rev. Soc. Mexicana Hist. Nat.*, v. 24, 1963, 49-67. [Correction for 1963 b, as published in Supplement 17]
Platypsaris aglaiae sumichrasti: Tres Zapotes, Estado de Veracruz, Mexico
- Clayiella prionitis barypthenga* subsp. n., illus.
Carriker, M. A. jr., [1964], *Rev. Soc. Mexicana Hist. Nat.*, v. 24, 1963, 49-67. [Correction for 1963 b, as published in Supplement 17]
Barypthengus ruficapillus costaricensis: Guapiles, Costa Rica
- Clayiella prionitis momotula* subsp. n., illus.
Carriker, M. A. jr., [1964], *Rev. Soc. Mexicana Hist. Nat.*, v. 24, 1963, 49-67. [Correction for 1963 b, as published in Supplement 17]
Hylomanes m. momotula: Cerro Tuxtla, Estado de Veracruz, Mexico
- Clayiella prionitis panamensis* subsp. n., illus.
Carriker, M. A. jr., [1964], *Rev. Soc. Mexicana Hist. Nat.*, v. 24, 1963, 49-67. [Correction for 1963 b, as published in Supplement 17]
Momotus momota reconditus: Acandi, Dept. Choco, Colombia
- Clogmia* (= *Telmatoscopus*) *albipunctatus* Williston
Smith, K. G. V.; and Thomas, V., 1979, *Tr. Roy. Soc. Trop. Med. and Hyg.*, v. 73 (3), 349-350 [Letter]
Clogmia albipunctatus causing intestinal myiasis in 7-year-old male child, case report, probably infected by contaminated water: Kuala Lumpur
- Cnemidocoptes*. See *Knemidokoptes*.
- Cochliomyia americana*
Lim, S. T., 1974, *Singapore Dent. J.*, v. 13 (2), 33-34
myiasis, human oral infestation, clinical aspects, treatment, literature review
- Cochliomyia hominivorax*
Adams, T. S., 1979, *J. Med. Entom.*, v. 15 (5-6), 484-487
Cochliomyia hominivorax, oogenesis, effect of constant temperatures
- Cochliomyia hominivorax*
Adams, T. S., 1979, *J. Med. Entom.*, v. 15 (5-6), 488-493
Cochliomyia hominivorax, mating, age, mating frequency, ovarian maturation, insemination, neuroendocrine requirement, temperature
- Cochliomyia hominivorax*, illus.
Adams, T. S.; and Reinecke, J. P., 1979, *J. Med. Entom.*, v. 15 (5-6), 472-483
Cochliomyia hominivorax, quantitative and qualitative description of oogenesis
- Cochliomyia hominivorax* (Coquerel)
Ahrens, E. H.; et al., 1976, *J. Med. Entom.*, v. 12 (6), 691-694
Cochliomyia hominivorax, new strain ('TEX-MEX') outperformed standard production strain ('APHIS') in dispersal and survival in field trials: Central Texas river valley; South Texas rangeland
- Cochliomyia hominivorax*
Barnes, C. M.; and Cibula, W. G., 1979, *Mosquito News*, v. 39 (2), 271-282
applications of satellite remote sensing technology in programs of insect eradication and disease vector control, use in Mexico to support *Cochliomyia hominivorax* eradication program
- Cochliomyia hominivorax* (Coquerel)
Broce, A. B.; Davey, R. B.; and Snow, J. W., 1979, *J. Econom. Entom.*, v. 72 (1), 115-118
Cochliomyia hominivorax-attracting survey units, use of plastic wicks as slow release mechanism for chemical attractant Swormlure-2
- Cochliomyia hominivorax*
Broce, A. B.; Goodenough, J. L.; and Coppedge, J. R., 1977, *J. Econom. Entom.*, v. 70 (4), 413-416
Cochliomyia hominivorax, development of efficient wind-oriented trap for catching screwworm flies as they move upwind toward Swormlure-2 attractant, compared with standard blowfly trap
- Cochliomyia hominivorax*
Brown, H. E.; and Snow, J. W., 1979, *J. Med. Entom.*, v. 16 (1), 29-32
Cochliomyia hominivorax larvae, new liquid rearing medium, cost savings in sterile male release program

- Cochliomyia hominivorax* (Coquerel)
Coppedge, J. R.; et al., 1978, J. Econom. Entom., v. 71 (3), 483-486
Cochliomyia hominivorax, development and field evaluation of bait system (SWASS) containing dichlorvos and bait for suppression of adult screwworms
- Cochliomyia hominivorax*
Coppedge, J. R.; et al., 1978, J. Econom. Entom., v. 71 (4), 579-584
Cochliomyia hominivorax, evaluation of screw worm adult suppression system (SWASS), a bait-toxicant system using swormlure-2 and dichlorvos, elimination by SWASS coupled with later release of sterile screwworms: Curacao
- Cochliomyia hominivorax* (Coquerel)
Coppedge, J. R.; et al., 1979, J. Econom. Entom., v. 72 (1), 40-42
Cochliomyia hominivorax, fluorescein sodium as dye for internally marking adults feeding on Screwworm Adult Suppression System units, excellent technique for evaluating relative effectiveness of various insecticides
- Cochliomyia hominivorax* (Coquerel)
Coppedge, J. R.; Ahrens, E. H.; and Snow, J. W., 1978, J. Econom. Entom., v. 71 (4), 573-575
Cochliomyia hominivorax, swormlure-2 baited traps for detection of native fly populations, trial survey, use in developing fly-release strategies: 12 south Texas counties
- Cochliomyia hominivorax*
Crystal, M. M.; and Guillot, F. S., 1978, Ann. Entom. Soc. Am., v. 71 (2), 243-246
Cochliomyia hominivorax, field-collected and laboratory reared females, correlation of changes in flight behavior of aging female with changes in ovarian development
- Cochliomyia hominivorax*
Davis, R. B.; O'Grady, J. J., jr.; and Hightower, B. G., 1972, J. Econom. Entom., v. 65 (4), 1214-1215
Cochliomyia hominivorax, reproductive capacity of laboratory-adapted flies exposed to continuous oviposition stimulus
- Cochliomyia hominivorax*
Goodenough, J. L., 1979, J. Econom. Entom., v. 72 (3), 419-422
Cochliomyia hominivorax and other flies, electrocutor grid trap more effective than wind oriented trap in both windy and protected habitats
- Cochliomyia hominivorax*
Graham, O. H.; and Hourrigan, J. L., 1977, J. Med. Entom., v. 13 (6), 629-658
arthropod parasites of livestock, eradication programs, review
- Cochliomyia hominivorax*
Guillot, F. S.; Brown, H. E.; and Broce, A. B., 1978, Ann. Entom. Soc. Am., v. 71 (2), 199-201
Cochliomyia hominivorax, behavior of sexually active males, possible aggregation sites for mating in vegetation rather than on hosts
- Cochliomyia hominivorax*, *illus.*
Krafsur, E. S., 1978, Proc. Entom. Soc. Wash., v. 80 (2), 164-170
Cochliomyia hominivorax, aggregations of male flies, efficiency of sterile male release method will be enhanced by maximizing the chances of putting sterile screwworms into actual or potential breeding sites
- Cochliomyia hominivorax* (Coquerel)
Krafsur, E. S.; and Garcia, L., 1978, J. Med. Entom., v. 14 (6), 687-697
Cochliomyia hominivorax, comparison of 2 sterile male release methods, small dosage/narrow lane distribution appears to be more effective than large dosage/wide lane distribution; epidemiology of 1976 epizootic: south Texas
- Cochliomyia hominivorax*
Krafsur, E. S.; and Hightower, B. G., 1979, J. Med. Entom., v. 16 (1), 33-42
Cochliomyia hominivorax, field tests of sterile males against natural populations, population dynamics, responses of previously challenged and unchallenged populations, comparison of 2 released strains: coastal areas of Mexico
- Cochliomyia hominivorax* (Coquerel), *illus.*
LaChance, L. E.; and Ruud, R. L., 1977, J. Econom. Entom., v. 70 (4), 501-504
Cochliomyia hominivorax, cytological separation and identification of native vs. factory-reared irradiated released male flies captured in field traps, method is rapid, accurate, and simple enough for use in field laboratories
- Cochliomyia hominivorax* (Coquerel)
Rawlins, S. C.; Jurd, L.; and Snow, J. W., 1979, J. Econom. Entom., v. 72 (5), 674-677
Cochliomyia hominivorax, antifertility effects of benzylphenols and benzyl-1,3-benzodioxoles
- Cochliomyia hominivorax*
Snow, J. W.; and Whitten, C. J., 1979, J. Med. Entom., v. 15 (5-6), 518-520
Cochliomyia hominivorax, status of control program during 1977: southwestern United States
- Cochliomyia hominivorax* (Coquerel)
Wright, J. E.; et al., 1974, J. Med. Entom., v. 11 (4), 385-389
Cochliomyia hominivorax, methoprene and R-20458 inhibited emergence in vitro when applied topically or incorporated in larval diet, yearling heifers sprayed with each analogue and infested with larvae displayed little change in serum chemistry and adults emerged from the wound-reared larvae
- Colicus*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key, key to species from Surinam
- Colicus icomi* Brennan, 1970
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Proechimys guyannensis: Surinam
- Colicus oblonga* (Fauran, 1959)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key

- Colobomatus*
Raibaut, A.; Caillet, C.; and Ben Hassine, O. K., 1978, Bull. Soc. Zool. France, v. 103 (4), 449-457
key to species by Delamare Deboutteville, 1962 modified
- Colobomatus canthari* Delamare et Nunes 1952
Raibaut, A.; Caillet, C.; and Ben Hassine, O. K., 1978, Bull. Soc. Zool. France, v. 103 (4), 449-457
key
- Colobomatus gymnoscopeli* sp. n., illus.
Grabda, J.; and Linkowski, T., 1979, Acta Ichthyol. et Piscat., v. 8 (2), 1978, 91-110
Gymnoscopelus aphyra (cephalic infraorbital and supraorbital canals, eye socket): Drake Passage region, South Georgia, and South Sandwich, Antarctic waters
- Colobomatus labracis*
Paperna, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 16 (2), 173-175
Dicentrarchus labrax (gills): marine cultures in France
- Colobomatus labracis* Delamare Deboutteville et Nunes, 1952, illus.
Raibaut, A.; Coste, F.; and Ben Hassine, O. K., 1979, Ztschr. Parasitenk., v. 59 (1), 79-85
description of female and male
Dicentrarchus labrax (canaux preoperculaires): etangs du Languedoc (France); lac de Tunis
- Colobomatus mugilis* n. sp., illus.
Raibaut, A.; Caillet, C.; and Ben Hassine, O. K., 1978, Bull. Soc. Zool. France, v. 103 (4), 449-457
key
(canaux muqueux cephaliques of all)
Chelon labrosus: Lac de Tunis (Nord de la Tunisie); Bassin de Thau (Region de Sete, Sud de la France)
Liza aurata: Lac de Tunis (Nord de la Tunisie); Bassin de Thau (Region de Sete, Sud de la France)
L. ramada: Lac de Tunis (Nord de la Tunisie); Bassin de Thau (Region de Sete, Sud de la France)
L. saliens: Lac de Tunis (Nord de la Tunisie); Bassin de Thau (Region de Sete, Sud de la France)
Mugil cephalus: Lac de Tunis (Nord de la Tunisie)
- Coloceras Taschenberg*, 1882
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
synonymy, key
- Coloceras Taschenberg*, 1882
Zlotorzycska, J., 1972, Klucze Oznac. Owad. Polski (74), Sect. 15, 48 pp.
Gonioidoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Coloceras chinense* (Kellogg and Chapman, 1902)
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
synonymy, key
Streptopelia chinensis: Thailand
- Coloceras damicorne fahrenheitzi* Eichler, 1950
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
key
Columba livia: England
- Coloceras lativentre* (Uchida, 1916)
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
synonymy, key
Streptopelia chinensis: Thailand
- Colpocephalum* sp.
Munro, R., 1978, Fiji Agric. J., v. 40 (2), 91-96
pigeon: Fiji
- Colpocephalum abbotti* Kellogg, 1899
Price, R. D., 1978, Proc. Entom. Soc. Wash., v. 80 (3), 343
as syn. of *Actornithophilus piceus* (Denny)
- Colpocephalus abbotti* Price, 1976, preoccupied, renamed *C. tandani* nom. nov.
Price, R. D., 1978, Proc. Entom. Soc. Wash., v. 80 (3), 343
- Colpocephalum angulaticeps* Piaget
Uilenberg, G., 1977, J. Med. Entom., v. 13 (4-5), 516
Fregata a. ariel: Msasani Peninsula, Dar es Salaam, Tanzania
- Colpocephalum longissimum* Rudow 1869
Kigaye, M. K., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 295-298
Leptoptilos crumeniferus (feathers): Mukono abattoir, about 16 km from Kampala, Uganda
- Colpocephalum ocellaris* Carriker, 1910
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Actornithophilus bicolor* (Piaget, 1880)
- Colpocephalum paetulus* Kellogg y Kuwana, 1901
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Actornithophilus bicolor* (Piaget, 1880)
- Colpocephalum subbutei* sp. n., illus.
Lunkashu, M. I., 1971, Izvest. Akad. Nauk Moldavsk. SSR, ser. Biol. i Khim. Nauk (1), 54-56
Hypotriorchis subbuteo: MSSR, Kagul'skii raion, s. Chumai
- Colpocephalus tandani* nomen novum for *C. abbotti* Price, 1976, preoccupied
Price, R. D., 1978, Proc. Entom. Soc. Wash., v. 80 (3), 343
- Colpocephalum turbinatum* Denny, 1842
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
key
Columba livia: Louisiana
- Columbicola* Ewing, 1929
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
key
- Columbicola* sp.
Munro, R., 1978, Fiji Agric. J., v. 40 (2), 91-96
pigeon: Fiji
- Columbicola bacillus* (Gieb.), illus.
Lucinska, A., 1978, Polskie Pismo Entom., v. 48 (2), 197-201
Columbicola bacillus, gynandromorph
Streptopelia turtur: Wroclaw

- Columbicola bacillus* (Giebel, 1866)
Martin, M. P.; and Gallego, J., 1977, *Graellsia*, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Columbicola columbae bacillus* (Giebel, 1866)
- Columbicola baculoides* (Paine, 1912)
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
key, synonymy
Zenaidura macroura: Iowa; Kansas; Oregon; Texas; Mexico
- Columbicola columbae*
Carneiro, J. R.; et al., 1975, *Rev. Patol. Trop.*, v. 4 (1), 39-41
Columbia livia domestica: Goiania, Brazil
- Columbicola columbae* (L.)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Columba livia: Fort Dix, New Jersey
- Columbicola columbae* (L., 1758)
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
key
Syn.: *Pediculus columbae* L., 1758
Columba livia: California; New York; South Carolina; Texas
- Columbicola columbae*
Stenram, H., 1972, *Ang. Parasitol.*, v. 13 (4), 246-247
Columbicola columbae, survival at low temperatures
- Columbicola columbae bacillus* (Giebel, 1866)
Martin, M. P.; and Gallego, J., 1977, *Graellsia*, Rev. Entom. Iber., v. 31, 1975, 193-211
synonymy
Streptopelia turtur: Cataluna, Espana
- Columbicola columbae columbae*, illus.
Eichler, W.; Sixl, W.; and Guenther, K. K., 1976, *Ang. Parasitol.*, v. 17 (4), 218-221
Columbicola columbae columbae, scanning electron microscopy
- Columbicola fortis* (Taschenberg, 1882), illus.
Emerson, K. C.; and Price, R. D., 1979, *Pacific Insects*, v. 20 (1), 59-61
Otidiphaps nobilis: New Guinea
- Columbicola gymnopeliae* Hopkins and Clay, 1955
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Columbicola passerinae* (Wilson, 1941)
- Columbicola macrourae* (Wilson, 1941)
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
key
Syn.: *Esthiopterum* (*Columbicola*) *macrourae* Wilson, 1941
Zenaidura macroura: Bahamas; Puerto Rico; Mexico; Nebraska; Texas
Leptotila verreauxi: Texas
Zenaida asiatica: Texas
- Columbicola passerinae* (Wilson, 1941)
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
key, synonymy
Scardafella inca: Texas
Columbigallina passerina: Bahamas; Cuba; Texas
- Columbicola triangularis* Hopkins and Clay, 1955
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Columbicola baculoides* (Paine, 1912)
- Columbimenopon* Ansari, 1951
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Hohorstiella* Eichler, 1940
- Conchylurus maximus* Reddiah, illus.
Khan, M. A., 1977, *Biologia*, Lahore, v. 23 (1), 95-97
Conchylurus maximus, measurements, brief description
Sanguinolaria diphos (mantle cavity): Manora Island, Karachi Coast, Pakistan
- Congocoptes* Fain, 1956 (= *Rhamphocoptes* Fain, 1956)
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
definition
key to species, includes: *Congocoptes macrophallus* Fain, 1970; *C. furmani* Fain, 1956; *C. dendropicos* sp. n.; *C. dryobaticola* Fain, 1965; *C. mexicanus* Fain et Hyland, 1970; *C. benoiti* sp. n.; *C. brasiliensis* Fain et Aitken, 1970; *C. dryocopi* Pence, 1972; *C. schoutedeni* Fain, 1964; *C. phoeniculi* Fain, 1956; *C. buccanodon* sp. n.; *C. verheyeni* Fain, 1970; *C. idjwiensis* sp. n.; *C. capitonidis* (Fain, 1956); *C. sphyrapicola* Pence, 1972
- Congocoptes benoiti* sp. n., illus.
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
key
Mesopicos griseocephalus (fosses nasales): Bugarama, Plaine de la Ruzizi, Kivu, Zaire
- Congocoptes buccanodon* spec. nov., illus.
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
key
Buccanodon duchailui (fosses nasales): Parc National Albert, Kivu, Zaire
- Congocoptes capitonidis* (Fain, 1956)
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
key
Syn.: *Rhamphocoptes capitonidis* Fain, 1956
- Congocoptes dendropicos* spec. nov., illus.
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
key
Dendropicos fuscescens (fosses nasales): Gakoma, Rwanda
- Congocoptes idjwiensis* sp. n., illus.
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
key
Pogonoilus bilineatus (fosses nasales): Ile Idjwi, Kivu, Zaire
- Congocoptes macrophallus* Fain, 1970
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
key
- Congocoptes mexicanus* Fain et Hyland, 1970
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91 (1), 83-116
key

- Congocoptes verheyeni* Fain, 1970
Fain, A., 1977, Rev. Zool. Africaine, v. 91
(1), 83-116
key
- Connivelobus* [sp.]
Fitzpatrick, C.; and Threlfall, W., 1977,
Canad. J. Zool., v. 55 (7), 1205-1209
Oceanodroma leucorhoa (remiges, between barbs
of secondaries): Gull Island, Witless Bay,
Newfoundland, Canada
- Conorhynopsylla stanfordi*
Amin, O. M., 1976, J. Med. Entom., v. 13 (2),
179-192
fleas of mammals, morphological variations
in certain key diagnostic characters, sea-
sonal distribution, sex ratio, host sex
Sciurus niger rufiventer: southeastern
Wisconsin
- Conorhinopsylla standfordi* Steward
Jackson, J. O.; and DeFoliart, G. R., 1976,
J. Med. Entom., v. 13 (3), 351-356
fleas, survey of nests of *Peromyscus leuco-*
pus, data for some species on seasonal oc-
currence, sex ratio, abundance in relation to
host sex and nesting activity: southwestern
Wisconsin
- Copepoda
Rohde, K., 1977, Zool. Anz., Jena, v. 199
(3-4), 164-172
distribution of monogenean and copepod
ectoparasites on gills of tropical marine
fish and fish from cold-temperate seas,
evidence that restricted microhabitat leads
to intraspecific contact and, thus, facili-
tates mating
- Copepoda [sp.]
Reimer, L. W.; et al., 1971, Parazitologiya,
Leningrad, v. 5 (6), 542-550
[Chaetognatha] (coelom): North Sea
- Coptopsylla* Jordan and Rothschild, 1908
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key to species, Afghanistan
- Coptopsylla afghana* new species, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Meriones crassus: 16-25 km. SW Qala Bist,
Afghanistan
- Coptopsylla barbarae* new species, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Meriones crassus: Kandahar International
Airport, Afghanistan
Tatera indica: 38 km. E Kandahar, Afghani-
stan
Rhombomys opimus: Afghanistan
- Coptopsylla janiceae* new species, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
+rodent (burrow): 8 km. W Spin Baldak and
77 km. S Qala Bist, Afghanistan
Gerbillus cheesmani: 8 km. W Spin Baldak
and 19 km. SSW Spin Baldak, Afghanistan
Meriones libycus: 8 km. W Spin Baldak and
19 km. SSW Spin Baldak, Afghanistan
Meriones crassus: 19 km. SSW Spin Baldak
and 16 km. E Girishk, Afghanistan
- Coptopsylla lamellifer* Wagn.
Kir'iakova, A. N.; et al., 1974, Parazitologi-
gia, Leningrad, v. 8 (2), 157-163
Xenopsylla skrjabini and *Coptopsylla lamel-*
lifer on *Rhombomys opimus* and in its colon-
ies, evaluation of effectiveness of deep-
dusting with DDT as possible anti-plague
measure: Aral-Kum and Dulan, Priaral'sk
Karakum
- Coptopsylla lamellifer* Wagn., illus.
Kunitskaia, N. T., 1970, Parazitologiya, Len-
ingrad, v. 4 (5), 444-450
fleas, structure of ovaries
- C[*optopsylla*] *lamellifer arax*
Emel'ianov, P. F.; et al., 1978, Biol. Zhurnal
Armenii, v. 31 (9), 901-909
fleas of *Meriones persicus*, role of host
in focality of plague: Transcaucasia
- Coptopsylla lamellifer lamellifer* (Wagner, 1895),
illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Syn.: *Pulex lamellifer* Wagner, 1895
+*Meriones libycus* (burrow): Afghanistan
- Coptopsylla olgae* Argyropulo, 1946
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
as syn. of *Coptopsylla olgae olgae* Argyro-
pulo, 1946
- Coptopsylla olgae olgae* Argyropulo, 1946, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Syn.: *Coptopsylla olgae* Argyropulo, 1946
Rhombomys opimus: Afghanistan
- Coptopsylla wassiliewi* (Wagner)
Misonne, X., 1977, Ann. Soc. Belge Med. Trop.,
v. 57 (3), 163-168
fleas, survey and ecological study of newly
developed plague area, danger for future
epidemics
Meriones shawi: Libye
- Coptopsyllidae
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
Ceratophylloidea
key
- Coptopsyllidae Wagner, 1928
Lewis, R. E., 1974, J. Med. Entom., v. 11 (4),
403-413
Coptopsyllidae, Pygiopsyllidae, Stephanocir-
cidae, Xiphiopsyllidae, world-wide distribu-
tion by zoogeographic regions, host prefer-
ences; list of genera and species

- Coraciacarus meropis* Dubinin, illus.
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
synonymy
- Coraciacarus meropis*, Gaud et Atyeo, 1974
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Coraciacarus meropis* "formes intermediaires plus proches de *leptus* que de *meropis*"
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
Melittophagus bullocki: Cameroun; Ghana;
Soudan; Togo
Dicrocercus hirundinaceus: Zaire
- Coraciacarus meropis leptus*, illus.
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
Melittophagus pusillus: Cameroun; Kenya;
Erythree; Mozambique; Rhodesie; Senegal;
Sierra Leone; Soudan; Togo; Zaire
M. gularis: Congo; Zaire
M. lafresnayi: Zaire
- Coraciacarus meropis* "formes intermediaires plus proches de *meropis* que de *leptus*"
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
Aerops albicollis: Cameroun; Togo; Zaire
Merops superciliosus superciliosus: Kenya;
Mozambique; Zaire
- Coraciacarus meropis meropis*, illus.
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
Merops apiaster: Sud-Ouest africain; Zaire
M. nubicus: Cameroun; Senegal; Togo; Zaire
M. nubicoides: Angola; Rhodesie; Tanzanie;
Zaire
Melittophagus bullockoides: Angola; Congo;
Kenya; Mozambique
- Coraciacarus meropis*, Dubinin, 1956
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Corallonoxia* n. gen.
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
Coralloveniidae
key, tod: *C. longicauda* n. sp.
key to species
- Corallonoxia spec.*
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
Dichocoenia stokesii: about 500 m W. of
Piscadera, Curacao
- Corallonoxia baki* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
key
Eusmilia fastigiata
Dendrogyra cylindrus
all from about 500 m W. of Piscadera, Cura-
cao
- Corallonoxia longicauda* n. sp. (tod), illus.
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
key
Meandrina meandrites: proximity of Pisca-
dera Bay, at Blauw Bay, and at Santa
Marta Bay; 500 m W. of Piscadera, Curacao
Dendrogyra cylindrus: 500 m W. of Pisca-
dera, Curacao
- Corallonoxia longicauda* Stock, 1975, illus.
Butter, M. E., 1979, Bijdr. Dierk., Amster-
dam, v. 48 (2), 141-155
Corallonoxia longicauda in *Meandrina* mean-
drites, occurrence and infestation rates
in relation to depth, colony size, and en-
vironmental factors, parasite morphology,
age of parasite and host, spatial distribu-
tion of parasite within colony, limited ef-
fect of parasite on host: S. W. and N. E.
coasts of Curacao, Netherlands Antilles
- Corallovenia* n. gen. (type genus of family)
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
Coralloveniidae
key, tod: *C. brevibrachium* n. sp.
key to species
- Corallovenia spec.*, illus.
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
Montastraea annularis: pool of Hilton
Hotel, Piscadera Bay, Curacao
- Corallovenia brevibrachium* n. sp. (tod), illus.
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
key
Diploria labyrinthiformis: Piscadera Bay,
about 500 m W. of Piscadera, and Blauw Bay,
Curacao
- Corallovenia brevibrachium* Stock, 1975
Butter, M. E., 1979, Bijdr. Dierk., Amster-
dam, v. 48 (2), 141-155
Diploria labyrinthiformis: Curacao
- Corallovenia dorsospinosa* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
key
Montastraea cavernosa
M. brasiliiana
all from about 500 m W. of Piscadera, Cura-
cao
- Corallovenia dorsospinosa* var. *minor* nov.,
illus.
Stock, J. H., 1975, Studies Fauna Curacao and
Carib. Is. (Wagenaar Hummelinck, P.), v. 47,
1-45 (Natuurwetensch. Studiek. Suriname en
Nederlandse Antillen (83))
Montastraea cavernosa: about 500 m W. of
Piscadera, Curacao

- Corallovidia kristenseni* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and Carib. Is. (Wagenaar Hummelinck, P.), v. 47, 1-45 (Natuurwetensch. Studiek. Suriname en Nederlandse Antillen (83))
key
Colpophyllia natans: about 500 m W. of Piscadera, and Santa Marta Bay, Curacao
- Corallovidia longibrachium* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and Carib. Is. (Wagenaar Hummelinck, P.), v. 47, 1-45 (Natuurwetensch. Studiek. Suriname en Nederlandse Antillen (83))
key
Manicina areolata f. mayori: about 500 m W. of Piscadera, and Blauw Bay, Curacao
Colpophyllia natans: about 500 m W. of Piscadera, Curacao
Diploria strigosa: about 500 m. W. of Piscadera, and Blauw Bay, Curacao
- Corallovidia longibrachium* Stock, 1975
Butter, M. E., 1979, Bijdr. Dierk., Amsterdam, v. 48 (2), 141-155
Manicina areolata: Curacao
- Corallovidia mediobrachium* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and Carib. Is. (Wagenaar Hummelinck, P.), v. 47, 1-45 (Natuurwetensch. Studiek. Suriname en Nederlandse Antillen (83))
key
Diploria strigosa: Piscadera Bay in front of Caribbean Marine Biological Institute, about 500 m W. of Piscadera, and Jan Thiel Bay, Curacao
D. clivosa: Piscadera Bay, Blauw Bay, and Jan Thiel Bay, Curacao
- Corallovidia mixtibrachium* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and Carib. Is. (Wagenaar Hummelinck, P.), v. 47, 1-45 (Natuurwetensch. Studiek. Suriname en Nederlandse Antillen (83))
key
Colpophyllia natans: Santa Marta Bay, in front of Coral Cliff Hotel, and about 500 m W. of Piscadera, Curacao
- Corallovidia similis* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and Carib. Is. (Wagenaar Hummelinck, P.), v. 47, 1-45 (Natuurwetensch. Studiek. Suriname en Nederlandse Antillen (83))
key
Acropora palmata: Jan Thiel Bay, Curacao
- Corallovidia ventrospinosa* n. sp., illus.
Stock, J. H., 1975, Studies Fauna Curacao and Carib. Is. (Wagenaar Hummelinck, P.), v. 47, 1-45 (Natuurwetensch. Studiek. Suriname en Nederlandse Antillen (83))
key
Montastraea brasiliiana
M. cavernosa
all from about 500 m W. of Piscadera, Curacao
- Corallovidiidae* new family
Stock, J. H., 1975, Studies Fauna Curacao and Carib. Is. (Wagenaar Hummelinck, P.), v. 47, 1-45 (Natuurwetensch. Studiek. Suriname en Nederlandse Antillen (83))
key to genera
type genus: *Corallovidia* n. gen.
- Cordiseta nakayamai*
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Pentalagus furnessi: Amami Island, Japan
- Corrodopsylla* Wagner
Mardon, D. K., 1978, J. Austral. Entom. Soc., v. 17 (4), 379-383
genitalic characters of genera of Doratopsyllinae compared
- Corrodopsylla birulai*
Volkov, V. I.; et al., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Corrodopsylla curvata* (Roths.)
Jackson, J. O.; and DeFoliart, G. R., 1976, J. Med. Entom., v. 13 (3), 351-356
fleas, survey of nests of Peromyscus leucopus, data for some species on seasonal occurrence, sex ratio, abundance in relation to host sex and nesting activity: southwestern Wisconsin
- Corrodopsylla c. curvata*
Amin, O. M., 1976, J. Med. Entom., v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Didelphis virginiana
Zapus hudsonius intermedius
Sorex cinereus
all from southeastern Wisconsin
- Corrodopsylla curvata curvata* (Rothschild)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Sorex arcticus: Alaska
- Cosmolaelaps* sp.
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae: Tonden, Sapporo, Hokkaido
- Cosmolaelaps gurabensis* Fox
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Allactaga elater
Meriones tamariscinus
Cricetulus migratorius
Mus musculus
all from Chuisk valley, Kirgiz SSR
- Cosmolaelaps gurabensis*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of Rhombomys opimus in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Cosmolaelaps gurabensis* Fox
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[Meriones tamariscinus]
[M. meridianus]
all from Tersko-Kumsk territory (North Caucasus)

- Cosmolaelaps gurabensis* Fox
Volianskii, Iu. E., 1974, *Parazitologiya*,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*,
seasonal changes in abundance, females were
dominant in collections: vicinity of Odessa,
south-eastern Ukraine
- Craspedorrhynchus haematopus*
Mehl, R., 1978, *Fauna*, Oslo, v. 31 (4), 250-267
arthropod pests of humans or domestic animals,
Laboratory of Medical Entomology enquiries
(1972-1976), first report: Norway
- Craspedorrhynchus nisi* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, *Grae-
lsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
synonymy
Accipiter nisus: Cataluna, Espana
- Crataerina hirundinis* (L.)
Summers, R. W., 1978, *Entom. Month. Mag.*
(1368-1371), v. 114, 174
+*Delichon urbica* (nest): Midelt in the High
Atlas mountains of Morocco
- Crataerina pallida*, *illus.*
Miller, P. L., 1977, *J. Insect. Physiol.*,
v. 23 (7), 855-860
Crataerina pallida, haltere activity and
possible functions in this flightless hippo-
boscid fly, very brief observations on *Melo-
phagus ovinus* (halteres absent), *Hippobosca
equina*, and an apterous African nycteribiid
- Cratynius*
Goncharov, A. I., 1971, *Parazitologiya*, *Lenin-
grad*, v. 5 (4), 369-373
Leptopsyllidae
- Creagonycha* new genus
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syringophilidae, key
tod: *Creagonycha lara* n. sp.
- Creagonycha lara* new sp. (tod), *illus.*
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Larus delawarensis: Coffee Bluff, Chatham
County, Georgia
- Creagonycha totana* (Oudemans) new comb.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syn.: *Syringophilus totani* Oudemans, 1904
- Crivellia silenus*
Kamarli, A. P.; and Tuganbaev, A. T., 1974,
Entom. Issled. Kirgizii, 78-79
Crivellia silenus, data on process of pupa-
tion, duration of pupal phase and sexually
mature form under conditions of South Kirgiz
- Crivellia silenus*, *illus.*
Madel, G., 1971, *Folia Parasitol.*, v. 18 (1),
85-91
Crivellia silenus, goat, larval stages
described, influence of field temperatures
on development: Badakhshan, Afghanistan
- Crotiscus*
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
- Crotiscus desdentatus tissoti* Fauran, 1960
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
- Crustacea
Fryer, G., 1970, *Symposia Brit. Soc. Parasi-
tol.*, v. 8, 103-118
parasitism of freshwater fishes by crusta-
ceans and molluscs, geographical distribu-
tion, biological aspects, brief review
- Crustacea
Riley, J.; Banaja, A. A.; and James, J. L.,
1978, *Internat. J. Parasitol.*, v. 8 (4), 245-
254
Pentastomida, assessment of recent evidence
regarding phylogenetic affinities, concluded
that pentastomids should properly be regarded
as a sub-class of Crustacea, closely related
to the sub-class Branchiura
- Crypturalges n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
Analgidae
tod: *C. metriotrichus* n. sp.
- Crypturalges hirsutus* n. sp., *illus.*
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturellus bartletti: Perou (Rio Alto
Ucayli pres de Santa Rosa, Dept. de Lor-
eto)
C. parvirostris: Argentine
- Crypturalges (?hirsutus)* male
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturellus soui: Santander del Norte,
Colombie
- Crypturalges metriotrichus* n. sp. (tod), *illus.*
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
Tinamus major saturatus: Panama (Pucro,
Pr. de Darien)
T. m. castaneiceps: Panama
- Crypturalges orthotarsus* n. sp., *illus.*
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturellus transfasciatus: Equateur (Are-
nillas, Prov. d'El Oro, and Chone, Prov.
de Manabi)
- Crypturolichus* n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
key, tod: *C. forcipatus* (Trouessart & Neu-
mann, 1888) [n. comb.]

- Crypturolichus forcipatus* (Trouessart & Neumann, 1888) [n. comb.] (tod), illus.
 Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
 Syn.: *Xoloptes forcipatus* Trouessart & Neumann, 1888
Crypturellus cinnamomeus: Mexique (Papayo and Acapulco)
C. noctivagus: Venezuela
C. boucardi: Venezuela
Nothura boraquira: Bresil
- Crypturoptes Novaes & Carvalho*, 1952 (type genus)
 Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
 key
- Crypturoptes dentatus* Novaes et Carvalho 1952, illus.
 Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturellus boucardi: Mexique (Vera Cruz)
C. erythropus: Bresil
C. cinnamomeus
- Crypturoptidae* n. fam.
 Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
 key to genera
 includes: *Omphalosathes* n. g.; *Dinatostomus* n. g.; *Zonesathes* n. g.; *Allosathes* n. g.; *Sternosathes* n. g.; *Tinamolichus* n. g.; *Crypturoptes* Novaes & Carvalho, 1952 (type gen.); *Crypturolichus* n. g.; *Mesosathes* n. g.
- Ctenocephalides Stiles and Collins*, 1930
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 key to species, Afghanistan
- Ctenocephalides canis*, illus.
 Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2), 179-192
 fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Canis familiaris: southeastern Wisconsin
- Ctenocephalides canis* (Curtis)
 Clark, F., 1978, *Entom. Gaz.*, v. 29 (4), 258-260
 records of fleas from English birds and mammals
- Ctenocephalides canis*
 Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
 Ireland
- Ctenocephalides canis* (Curtis, 1926), illus.
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 synonymy, key
Marmota caudata
Vulpes vulpes
Felis chaus
Canis aureus
 domestic cat
 domestic dog
 all from Afghanistan
- Ctenocephalides canis*
 Linardi, P. M.; and Nagem, R. L., 1973, *Rev. Brasil. Biol.*, v. 33 (4), 529-537
Pulicidae and other ectoparasites on dogs, survey, frequent mixed infections: Belo Horizonte and neighboring townships of Minas Gerais
- Ctenocephalides canis* Curt., 1826
 Pakizh, V. I., 1971, *Parazitologiya, Leningrad*, v. 5 (2), 128-136
 [*Canis familiaris*]
 [*Vulpes corsac*]
 all from northeastern Kazakhstan
- Ctenocephalides canis* (Curtis, 1826)
 Suciú, M., 1975, *Boll. Mus. Civ. Storia Nat. Verona*, v. 2, 1-12
Vulpes vulpes
Mustela putorius
Equus asinus
Neuropter[a]
 all from Italy
- Ctenocephalides canis*
 Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Vulpes vulpes
 all from Indiana
- Ctenocephalides canis*
 Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Ctenocephalides felis*
 Adamovich, V. L., 1971, *Parazitologiya, Leningrad*, v. 5 (5), 417-418
 fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ctenocephalides felis*
 Atef, M.; and El-Say, A., 1976, *J. Egypt. Vet. Med. Ass.*, v. 35 (3), 73-84
 goats: north-western coastal region of Arab Republic of Egypt
- Ctenocephalides felis* (Bouche)
 Crum, G. E.; Knapp, F. W.; and White, G. M., 1974, *J. Med. Entom.*, v. 11 (1), 88-94
Ctenocephalides felis and *Xenopsylla cheopis*, response to electromagnetic radiation of 300-700 nm (intensity, light versus dark, light comparison, and color vision tests), *C. felis* is photopositive, *X. cheopis* is photonegative
- Ctenocephalides felis* (Bouche)
 Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Canis familiaris
Felis catus
Procyon lotor
Didelphis marsupialis
 all from Fort Dix, New Jersey
- Ctenocephalides felis*
 Korkejian, A.; and Edeson, J. F. B., 1978, *Ann. Trop. Med. and Parasitol.*, v. 72 (1), 65-78
Dipetalonema reconditum in dogs, morphology of adults and microfilariae, periodicity, *Ctenocephalides felis* (nat. and exper.) as probable vector: Lebanon
- Ctenocephalides felis*
 Kristensen, S.; and Kieffer, M., 1978, *Nord. Vet.-Med.*, v. 30 (10), 414-423
 flea allergy in dogs and cats, intradermal test with whole extract of *Ctenocephalides felis*; test evaluation procedure
- Ctenocephalides felis* Bouche, 1835
 Pakizh, V. I., 1971, *Parazitologiya, Leningrad*, v. 5 (2), 128-136
 [*Felis catus*]: northeastern Kazakhstan

- Ctenocephalides felis*
Rutledge, L. C.; et al., 1979, J. Med. Entom., v. 15 (5-6), 452-458
fleas vectors and reservoirs of sylvatic plague, field studies
Felis catus: Fort Hunter Liggett, Monterey County, California
- Ctenocephalides felis* (Bouche)
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
cow calf
goat
all from Maharashtra State, India
- Ctenocephalides felis*
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Ctenocephalides felis*
Walton, D. W.; and U Maung Maung Tun, 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 369-377
fleas of small mammals, prevalence, intensity, monthly fluctuations, sex ratios, potential public health importance as vectors of human plague
Rattus rattus
R. exulans
R. norvegicus
Bandicota bengalensis
Suncus murinus
all from Rangoon, Burma
- Ctenocephalides felis*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Procyon lotor
Mephitis mephitis
Mustela vison
all from Indiana
- Ctenocephalides felis*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Ctenocephalides f. felis*, *illus.*
Amin, O. M., 1976, J. Med. Entom., v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Felis catus
Canis familiaris
Procyon lotor hirtus
all from southeastern Wisconsin
- Ctenocephalides felis felis* (Bouche)
Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Ctenocephalides f. felis*
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Homo sapiens
Canis familiaris
Felis catus
all from Alaska
- Ctenocephalides felis felis* (Bouche, 1835), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
synonymy, key
Felis chaus
Herpestes auropunctatus
Vulpes vulpes
domestic cat
Hemiechinus auratus
all from Afghanistan
- Ctenocephalides felis felis*, *illus.*
Li, K. C.; and Wang, D. C., 1977, Acta Entom. Sinica, [Transl.], v. 16 (2), 147-155
fleas, malformations
dog: Kweichow
unknown host: Foochow
- Ctenocephalides f. felis*
Linardi, P. M.; and Nagem, R. L., 1973, Rev. Brasil. Biol., v. 33 (4), 529-537
Pulicidae and other ectoparasites on dogs, survey, frequent mixed infections: Belo Horizonte and neighboring townships of Minas Gerais
- Ctenocephalides felis felis*
Main, A. J.; et al., 1979, Entom. News, v. 90 (3), 135-140
Canis familiaris
Felis domestica
Homo sapiens
Procyon lotor
Mephitis mephitis
Didelphis virginiana
Oryctolagus cuniculus
Tamiasciurus hudsonicus
Urocyon cinereoargenteus
all from southern New England
- Ctenocephalides felis felis*
Mehl, R., 1978, Fauna, Oslo, v. 31 (4), 250-267
arthropod pests of humans or domestic animals, Laboratory of Medical Entomology enquiries (1972-1976), first report: Norway
- Ctenocephalides felis felis* (Bouche, 1835)
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
Mustela putorius
Felis domestica
all from Italy
- Ctenocephalides felis orientis*
Joseph, S. A., 1977, Indian J. Animal Research, v. 11 (2), 84-86
Ctenocephalides felis orientis in 4 human volunteers, dermatitis, immediate and delayed hypersensitivity
- Ctenocephalides felis orientis*, *illus.*
Li, K. C.; and Wang, D. C., 1977, Acta Entom. Sinica, [Transl.], v. 16 (2), 147-155
fleas, malformations
dog: Mitu, Yunnan
- Ctenocephalides felis orientis* (Jordan, 1925)
Sharma, B. D., 1978, Indian Poultry Rev., v. 9 (16), 17
domestic dogs
Ovis aries
cattle
goats
Rattus rattus
all from Jammu and Kashmir State

- Ctenocephalides felis strongylus* (Jordan, 1925)
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
Cercopithecus aethiops johnstoni: lake Sereri, Tanzania
- Ctenophthalmus* sp.
Adamovich, V. L., 1971, Parazitologia, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ctenophthalmus* sp.
Fain, A.; and Beaucournu, J. C., 1976, Rev. Zool. Africaine, v. 90 (1), 181-187
Lophuromys: Tshibati, Province du Kivu, Zaire, Afrique
- Ctenophthalmus acanthurus* J. & R., 1913
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
rodents: Olkokola, Tanzania
- Ctenophthalmus agyrtes*
Adamovich, V. L., 1971, Parazitologia, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ctenophthalmus agyrtes* Hell.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[Microtinae]
all from Belorussian Polesia
- Ctenophthalmus agyrtes*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Ctenophthalmus agyrtes*
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
Microtus agrestis
Microtus arvalis
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
Mus musculus
Muscardinus avellanarias
Talpa europaea
Sorex araneus
Sorex alpinus
Neomys fodiens
Neomys anomalus
all from west and east Beskid (Poland)
- C[*tenophthalmus*] *agyrtes*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agrom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of exchange of habitats
- Ctenophthalmus agyrtes* Hell.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, Parazitologia, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Ctenophthalmus agyrtes* ssp.
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
+*Talpa europaea* (nest)
Apodemus sylvaticus
all from Italy
- Ctenophthalmus a. agyrtes*, illus.
Peus, F., 1979, Bonn. Zool. Beitrage, v. 29 (4), 1978, 449-467
Ctenophthalmus agyrtes subspp., identification and geographical distribution, evolution: Deutschland
- Ctenophthalmus agyrtes graecus* Jordan, 1926, illus.
Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Ctenophthalmus agyrtes impavidus*, illus.
Peus, F., 1979, Bonn. Zool. Beitrage, v. 29 (4), 1978, 449-467
Ctenophthalmus agyrtes subspp., identification and geographical distribution, evolution: Deutschland
- Ctenophthalmus agyrtes impavidus* Jordan, 1928
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
+*Talpa europaea* (nest)
Clethrionomys glareolus
all from Italy
- Ctenophthalmus agyrtes pelikani* Rosicky, 1959, illus.
Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Ctenophthalmus agyrtes ropotamensis* Rosicky, 1959
Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Ctenophthalmus agyrtes smitianus*, illus.
Peus, F., 1979, Bonn. Zool. Beitrage, v. 29 (4), 1978, 449-467
Ctenophthalmus agyrtes subspp., identification and geographical distribution, evolution: Deutschland
- Ctenophthalmus agyrtes verbanus* Jordan & Rothschild, 1920
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
+*Talpa europaea* (nest)
Apodemus flavicollis
Apodemus sylvaticus
Rattus norvegicus
Clethrionomys glareolus
all from Italy

- Ctenophthalmus* (C.) *andorrensis andorrensis* Smit 1960
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Barcelona, and Lerida, Spain
- Ctenophthalmus* (C.) *andorrensis catalaniensis* Beaucournu 1973
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, and Barcelona, Spain
- Ctenophthalmus* (C.) *apertus apertus* (Jordan et Rothschild 1921)
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, Lerida, and Barcelona, Spain
- Ctenophthalmus arvalis* W. et I., 1926
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[Lagurus lagurus]
[Mustela eversmanni]
+[Microtus gregalis] (nest)
[Ellobius]
all from northeastern Kazakhstan
- Ctenophthalmus assimilis*
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ctenophthalmus assimilis* Tasch.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[Clethrionomys glareolus]
[Apodemus flavicollis]
[Apodemus agrarius]
all from Belorussian Polesia
- Ctenophthalmus assimilis*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Ctenophthalmus assimilis*
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
Microtus arvalis
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
all from west and east Beskid (Poland)
- Ctenophthalmus assimilis* Tasch., 1880
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[Clethrionomys rutilus]
[Apodemus]
[A. agrarius]
[Sorex araneus]
[S. macropygmaeus]
[S. minutus]
[Cricetinae]
[Micromys minutus]
Ochotona pusilla
all from northeastern Kazakhstan
- Ctenophthalmus assimilis assimilis* (Taschenberg, 1880)
Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Ctenophthalmus assimilis erectus* Smit et Rosicky, 1965, illus.
Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Ctenophthalmus audax* [sensu] J. & R. Smit, 1960; [et auct.]
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
as syn. of *Ctenophthalmus audax szaboi* ssp. n.
- Ctenophthalmus audax anarcus* ssp. n., illus.
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
Tachyoryctes, presumably *T. splendens*
Otomys sp.
all from Narok district, Mau, Kenya
- Ctenophthalmus audax szaboi* ssp. n., illus.
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
Syn.: *Ctenophthalmus audax* [sensu] J. & R. Smit, 1960; [et auct.]
Tachyoryctes splendens daemon: north-east side of Mt. Meru, Olkokola, Tanzania
- Ctenophthalmus* (C.) *baeticus arvernus* Jordan 1931
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, and Lerida, Spain
- Ctenophthalmus bisoctodentatus*
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ctenophthalmus bisoctodentatus*
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Apodemus agrarius
Talpa europaea
Sorex araneus
all from west and east Beskid (Poland)
- Ctenophthalmus bisoctodentatus bisoctodentatus* Kolenati, 1863
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
Talpa europaea: Italy

- Ctenophthalmus bisoctodentatus occidentalis* Smit King, C. M., 1976, J. Zool., London, v. 180 (4), 525-535
fleas of *Mustela nivalis*, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford
- Ctenophthalmus breviatus* W. et I., 1926 Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[*Allocricetus eversmanni*]: northeastern Kazakhstan
+[*Circus pygargus*] (nest)
- Ctenophthalmus cabirus* Fain, A.; and Schwan, T. G., 1976, Rev. Zool. Africaine, v. 90 (3), 634-639
Lemniscomys striatus
Arvicanthus niloticus
all from Kenya
- Ctenophthalmus calceatus cabirus* Fain, A.; and Beaucournu, J. C., 1976, Rev. Zool. Africaine, v. 90 (1), 181-187
Lophomyrmex: Buhengere and Irsac-Lwiro, Kivu, Zaire
- Ctenophthalmus congener* Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Mus musculus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Ctenophthalmus congener* Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
all from west and east Beskid (Poland)
- Ctenophthalmus congener* ssp. Suciú, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
+*Talpa europaea*
+*Microtus nivalis*
(nests of all): all from Italy
- Ctenophthalmus congener bureschi* Rosicky, 1959, illus. Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Ctenophthalmus (Euctenophthalmus) congener grulichii* Beaucournu 1964 Beaucournu, J. C.; and Costantini, R., 1976, Parassitologia, v. 18 (1-3), 79-83
Clethrionomys glareolus: Italie continentale, Val d'Aoste
- Ctenophthalmus congener vicarius* Jordan et Rothschild, 1921, illus. Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Ctenophthalmus congeneroides congeneroides* Hong, H. K.; Walton, D. W.; and Yoon, Y. H., 1975, Korean J. Entom., v. 5 (2), 17-20
Clethrionomys rufocanus
Microtus fortis
all from Korea
- Ctenophthalmus (Ethioctenophthalmus) digitosignatus* n. sp., illus. Mahnert, V., 1977, Rev. Suisse Zool., v. 84 (4), 869-872
[no host]: Forest of Yapó, near Yapó Gare, Agboville, Ivory Coast
- Ctenophthalmus dolichus* Morozov, Iu. A.; Rapoport, L. P.; and Kovtun, I. P., 1972, Parazitologiya, Leningrad, v. 6 (4), 334-337
flea exchange between *Rhombomys opimus* and *Citellus fulvus* studied by radioisotope tracing: Prichuisk Muyunkum
- Ctenophthalmus dolichus* Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Ctenophthalmus dolichus* Ioff, 1953 Zolotova, S. I.; and Afanas'eva, O. V., 1971, Parazitologiya, Leningrad, v. 5 (4), 364-368
Ctenophthalmus dolichus, rate of development in relation to temperature and humidity
- Ctenophthalmus (Ctenophthalmus) fransmiti* Suciú, 1969 Lewis, R. E., 1974, J. Med. Entom., v. 11 (2), 147-167
Syn.: *Ctenophthalmus lydiae* Lewis, 1970
- Ctenophthalmus lydiae* Lewis, 1970 Lewis, R. E., 1974, J. Med. Entom., v. 11 (2), 147-167
as syn. of *Ctenophthalmus (C.) fransmiti* Suciú, 1969
- Ctenophthalmus nobilis* subsp. Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Ctenophthalmus nobilis* King, C. M., 1976, J. Zool., London, v. 180 (4), 525-535
fleas of *Mustela nivalis*, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford
- Ctenophthalmus (Ctenophthalmus) nobilis dobyi* Beaucournu 1962 Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, Spain
- Ctenophthalmus nobilis nobilis* (Rothschild) Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Ctenophthalmus nobilis vulgaris* Smit Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals

- Ctenophthalmus nobilis vulgaris* Smit
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
Apodemus sylvaticus
Sorex minutus
Clethrionomys glareolus
all from Ireland
- Ctenophthalmus nyikensis* Smit, 1962, illus.
Smit, F. G. A. M., 1978, Rev. Zool. Africaine, v. 92 (1), 251-253
description of female
Tatera sp.
Lophuromys flavopunctatus
all from Nyika Plateau, Malawi
- Ctenophthalmus obtusus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Microtus agrestis: Gory Sowie (Middle Sudetes), Poland
- Ctenophthalmus obtusus*
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Apodemus tauricus
all from west and east Beskid (Poland)
- Ctenophthalmus orientalis* Wagn.
Iurgenson, I. A.; and Teplykh, V. S., 1971, Parazitologia, Leningrad, v. 5 (2), 119-127
Ctenophthalmus orientalis, preimaginal phases, effect of temperature and relative humidity on survival and development
- Ctenophthalmus orientalis* Wagn.
Volianskii, Iu. E., 1972, Parazitologia, Leningrad, v. 6 (1), 54-56
fleas in nests of *Microtus arvalis*, seasonal changes in number and fauna in 2 different habitats: environs of Odessa
- Ctenophthalmus proximus* Wagn.
Sosnina, E. F., 1973, Parazitologia, Leningrad, v. 7 (1), 31-35
Microtus arvalis
Apodemus flavicollis
A. sylvaticus
all from mountain Crimea
- Ctenophthalmus pseudagyrtis* Baker
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Didelphis marsupialis
Rattus norvegicus
Tamias striatus
all from Fort Dix, New Jersey
- Ctenophthalmus pseudagyrtis* Baker
Jackson, J. O.; and DeFoliart, G. R., 1976, J. Med. Entom., v. 13 (3), 351-356
fleas, survey of nests of *Peromyscus leucopus*, data for some species on seasonal occurrence, sex ratio, abundance in relation to host sex and nesting activity: southwestern Wisconsin
- Ctenophthalmus pseudagyrtis*
Jacobson, H. A.; Kirkpatrick, R. L.; and McGinnes, B. S., 1978, Wildlife Monogr. (60), 53 pp.
disease and physiologic characteristics of cottontail rabbits in 2 study areas in relation to population density, includes data on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Ctenophthalmus pseudagyrtis*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Mustela vison
M. frenata
all from Indiana
- Ctenophthalmus pseudagyrtis*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Ctenophthalmus p. pseudagyrtis*, illus.
Amin, O. M., 1976, J. Med. Entom., v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Tamias striatus ohionensis
Didelphis virginiana
Zapus hudsonius intermedius
Microtus p. pennsylvanicus
Blarina brevicauda
all from southeastern Wisconsin
- Ctenophthalmus pseudagyrtis pseudagyrtis* Baker
Main, A. J.; et al., 1979, Entom. News, v. 90 (3), 135-140
Peromyscus leucopus
Microtus pennsylvanicus
Tamias striatus
Microtus pinetorum
Scalopus aquaticus
Parascalopus breweri
Clethrionomys gapperi
Didelphis virginiana
Mustela frenata
Blarina brevicauda
Sylvilagus floridanus
Mephitis mephitis
all from southern New England
- Ctenophthalmus (Medioctenophthalmus) russulae galloibericus* Beaucournu et Lumaret 1972
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Tarragona, Spain
- Ctenophthalmus russulae galloibericus*
Beaucournu, J. C.; and Gosalbez, J., 1978, Ann. Parasitol., v. 53 (3), 303-307
Crocidura russula russula: ile de Meda Gran, Girona (Espagne)
- Ctenophthalmus solutus*
Adamovich, V. L., 1971, Parazitologia, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Ctenophthalmus solutus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland

- Ctenophthalmus solutus*
Haitlinger, R., 1978, *Polskie Pismo Entom.*,
v. 48 (3), 287-309
 Clethrionomys glareolus
 Microtus arvalis
 Apodemus agrarius
 Apodemus sylvaticus
 Apodemus tauricus
 Mus musculus
 Sorex araneus
 Neomys fodiens
 all from west and east Beskid (Poland)
- Ctenophthalmus uncinatus*
Adamovich, V. L., 1971, *Parazitologiya*, Len-
ingrad, v. 5 (5), 417-418
 fleas of small mammals [specific hosts not
 identified]: Volynsk forest, Ukrainian SSR
- Ctenophthalmus uncinatus* Wagn.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-
skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*,
s. Biial. Navuk (5), 104-109
 [*Clethrionomys glareolus*]
 [*Apodemus flavicollis*]
 [*Apodemus agrarius*]
 all from Belorussian Polesia
- Ctenophthalmus uncinatus*
Haitlinger, R., 1978, *Polskie Pismo Entom.*,
v. 48 (3), 287-309
 Clethrionomys glareolus
 Pitymys subterraneus
 Microtus agrestis
 Apodemus agrarius
 Apodemus tauricus
 Sorex araneus
 all from west and east Beskid (Poland)
- Ctenophthalmus uncinatus* Wagn.
Nazarova, I. V.; and Tikhvinskaia, M. V.,
1971, *Parazitologiya*, Leningrad, v. 5 (5),
413-416
 Arvicola terrestris: Middle Povolzh'e
- Ctenophthalmus wagneri* Tifl.
Nazarova, I. V.; and Tikhvinskaia, M. V.,
1971, *Parazitologiya*, Leningrad, v. 5 (5),
413-416
 Arvicola terrestris: Middle Povolzh'e
- Ctenophthalmus wagneri* krym Ioff
Sosnina, E. F., 1973, *Parazitologiya*, Lenin-
grad, v. 7 (1), 31-35
 Crocidura suaveolens
 Microtus arvalis
 Apodemus flavicollis
 A. sylvaticus
 all from mountain Crimea
- Ctenophthalmus wladimiri*
Kozlov, M. P.; and Rozanova, G. N., 1974, *Para-
zitolgia*, Leningrad, v. 8 (3), 254-260
 flea vectors, plague block formation
- Ctenophyllus*
Goncharov, A. I., 1971, *Parazitologiya*, Lenin-
grad, v. 5 (4), 369-373
 Leptosyllidae
- Ctenophyllus* Wagner, 1927
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
 Leptosyllidae, Amphisyllinae, key
- Ctenophyllus bondari* Mik., 1953
Pakizh, V. I., 1971, *Parazitologiya*, Lenin-
grad, v. 5 (2), 128-136
 Ochotona pusilla
 [*Apodemus*]
 [*Arvicola terrestris*]
 [*Microtus gregalis*]
 all from northeastern Kazakhstan
- Ctenophyllus hirticus*
Lazareva, L. A.; and Eshelkin, I. I., 1975,
Parazitologiya, Leningrad, v. 9 (1), 57-60
 +*Alticola strelzovi* (nest): south-eastern
 Altai
- Ctenophyllus hirticus* I. et R. (1923)
Voronova, G. A.; and Feoktistov, A. Z., 1978,
Zhurnal Mikrobiol., Epidemiol. i Immunobiol.
(2), 97-100
 fleas, *Yersinia pestis* subcultures isolated
- Ctenophyllus (Ochotonobius) rufescens* Ioff,
1946, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
 Ochotona rufescens: Afghanistan
- Ctenopsylla sexdentata* Wagner, 1930
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
 as syn. of *Leptopsylla (Leptopsylla) sexden-
 tata* (Wagner, 1930)
- Cuclotogaster cinereus* (Nitzsch)
Groza, V. K., 1970, *Parazitologiya*, Leningrad,
v. 4 (4), 375-383
 Coturnix coturnix (feathers of head): Ka-
 zakhstan
- Cuclotogaster heterogrammicus* (Nitzsch)
Groza, V. K., 1970, *Parazitologiya*, Leningrad,
v. 4 (4), 375-383
 Perdix perdix
 P. daurica
 (feathers of head of all): all from Kazakh-
 stan
- Cuclotogaster heterographus* (Nitzsch)
Groza, V. K., 1970, *Parazitologiya*, Leningrad,
v. 4 (4), 375-383
 Phasianus colchicus
 Alectoris kakelik
 all from Kazakhstan
- Cuclotogaster tetraogallus* (Clay)
Groza, V. K., 1970, *Parazitologiya*, Leningrad,
v. 4 (4), 375-383
 Tetraogallus himalayensis (feathers of head):
 Kazakhstan
- Cuculiphilus* Casto, 1977, preoccupied by *Cuculi-
philus* Uchida, 1926
Casto, S., 1978, *Southwest. Nat.*, v. 23 (1),
158
 renamed: *Calamincola*, new name
- Cuculoecus meropis* (Denny) Thompson, 1937
Martin Mateo, M. P., 1978, *Rev. Iber. Parasi-
tol.*, v. 38 (1-2), 385-402
 as syn. of *Meropoecus meropis* (Denny, 1942)
- Cucumaricola curvatus* sp. n., *illus.*
Avdeev, G. V., 1977, *Zool. Zhurnal*, v. 56
(3), 467-470
 Cucumaria fraudatrix (respiratory tree,
 coelom): Temp Bay, Pos'eta gulf (Sea of
 Japan)

- Cummingsiella Ewing 1930
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
Cummingsiellinae nom. nov.
includes subgenera: Cummingsiella; Alcedofula; Cirophthirius; Proneptis; Cistellatrix; Peripetasma; Carrikericeps
- Cummingsiella Ewing 1930
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
subgenus of Cummingsiella
synonymy
- Cummingsiella aetherea aetherea (Biebel), 1874, illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
measurements
Aethia pusilla: Gambell, St. Lawrence Is., Alaska
- Cummingsiella aetherea klatti
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Cummingsiella aetherea klatti (Timmerman, 1954)
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Plautus alle
Cephus grylle
all from Newfoundland, Canada
- Cummingsiella aetherea klatti (Timmermann), 1954, illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
measurements
Plautus alle
- Cummingsiella alcae
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Cummingsiella alcae (Denny, 1842)
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Alca torda: Newfoundland, Canada
- Cummingsiella alcae (Denny), 1842, illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
measurements
Alca torda
- Cummingsiella ambestrix n. sp., illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
Cerorhinca monocerata: Netarts, Oregon
- Cummingsiella antiqua n. sp., illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
Synthliboramphus antiquus: Langara Island, Q. C. I., B. C.
- Cummingsiella falcigerus
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Totanus flavipes: Ontario
- Cummingsiella helgovauki n. sp., illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
Fratricula arctica arctica: Hoy (Orkney-Inseln)
- Cummingsiella helgovauki
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Cummingsiella helgovauki Timmerman, 1974
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Fratricula arctica: Witless Bay Sea Bird Sanctuary, Newfoundland, Canada
- Cummingsiella maritima (Kellogg & Chapman), 1899, illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
measurements
Ptychoramphus aleuticus
- Cummingsiella nigrolimbatus
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Limnodromus griseus: Ontario
- Cummingsiella normifer
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Stercorarius parasiticus: Ontario
- Cummingsiella obliqua (Mjoeberg), illus.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
Uria aalge
- Cummingsiella obliqua aquilonis n. ssp.
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
Uria lomvia: Cape Thompson, Alaska
- Cummingsiella obliqua aquilonis
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships

- Cummingsiella obliqua aquilonis Timmerman, 1974
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Uria lomvia: Notre Dame Bay, Newfoundland, Canada
- Cummingsiella obliqua obliqua
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Cummingsiella obliqua obliqua (Mjoeberg, 1910)
Eveleigh, E. S.; and Threlfall, W., 1976,
Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Uria aalge: Witless Bay Sea Bird Sanctuary, Newfoundland, Canada
- Cummingsiella obliqua obliqua (Mjoeberg), 1910
Timmermann, G., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 165-180
measurements
Uria aalge
- Cummingsiella ravus
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, Saemundssonina, and Austromenopon spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Actitis macularia: Ontario
- Cummingsiellinae (Wd. Eichler 1963) nom. nov.
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
"Quadraceptinae should be called Cummingsiellinae"
includes: Cummingsiella; Saemundssonina; Luna-ceps
- Cuterebra [sp.] cf. cyanella
Douglas, C. L., 1969, Misc. Publication (51), Univ. Kansas, Mus. Nat. Hist., 147-175
Thomomys bottae: Mesa Verde, Colorado
- Cuterebra sp., illus.
Led, J. E.; and Brandetti, E., 1978, Analecta Vet., v. 6-8 (1-3), 1974-75-76, 29-33
Cuterebra sp. in Chinchilla lanigera (subcutaneous), eggs or larvae possibly eaten with feed
- Cuterebra sp.
Llewellyn, J. B., 1978, Great Basin Nat., v. 38 (1), 51-54
Cuterebra sp., differential parasitism of sympatric Peromyscus maniculatus and P. truei may be due to host specificity, differential parasitism of P. maniculatus may be due to habitat selection: Nevada
- Cuterebra sp., illus.
McKenzie, B. E.; Lyles, D. I.; and Clinkscals, J. A., 1978, J. Am. Vet. Med. Ass., v. 172 (2), 173-175
Cuterebra sp., kitten (right cerebral hemisphere), case report, pathology
- Cuterebra spp.
Ostlind, D. A.; Cifelli, S.; and Lang, R., 1979, Vet. Rec., v. 105 (8), 168
Cuterebra spp., mice, avermectins
- Cuterebra larvae
Smith, D. H., 1977, J. Mamm., v. 58 (4), 679-681
Cuterebra larvae in Peromyscus maniculatus (exper.), significant reduction in gonad weights and breeding success
- Cuterebra sp.
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of Zapus spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: British Columbia
- Cuterebra sp. larvae
Wills, W.; et al., 1977, Melsheimer Entom. Ser. (23), 15-16
Cuterebra sp., human (above left eyebrow), furuncular myiasis: western Pennsylvania
- Cuterebra larva, illus.
Wolf, A. M., 1979, Feline Pract., v. 9 (1), 25-26
case report
kitten (right nasal cavity): Boston, Massachusetts
- Cuterebra apicalis, Guerin 1829, illus.
Led, J. E.; et al., 1978, Analecta Vet., v. 6-8 (1-3), 1974-75-76, 35-37
Rattus norvegicus (nodulo subcutaneo): Loberia, Provincia de Buenos Aires
- Cuterebra buccata
Jacobson, H. A.; Kirkpatrick, R. L.; and McGinnes, B. S., 1978, Wildlife Monogr. (60), 53 pp.
disease and physiologic characteristics of cottontail rabbits in 2 study areas in relation to population density, includes data on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Cuterebra fontinella
Gingrich, R. E., 1979, J. Parasitol., v. 65 (2), 288-292
Cuterebra fontinella, susceptibility of Peromyscus leucopus in relation to host age, dietary levels of vitamin A, and previous infestation history
- Cuterebra fontinella
Parker, O. W.; and Chaney, A. H., 1979, J. Med. Entom., v. 15 (5-6), 573
Cuterebra fontinella, mice, pathology of myiasis
Liomys irroratus
Peromyscus leucopus
all from 13 km SE of Brownsville, Cameron Co., Texas
- Cuterebra fontinella
Scholten, I.; and Chrom, V. H., 1979, Canad. Med. Ass. J., v. 120 (11), 1392-1393
Cuterebra fontinella, humans (presumably tracheal-pulmonary system, coughed up; forehead), 2 case reports: northern Ontario; Scarborough, Ontario, presumably contracted near Bancroft

- Cuterebra fontinella* Clark, 1827
Timm, R. M.; and Cook, E. F., 1979, *Am. Midland Naturalist*, v. 101 (1), 211-217
Cuterebra fontinella on *Peromyscus leucopus noveboracensis*, mean infestation rate, host age, reduced size of reproductive organs in infected subadult males, no effect on adult male and female reproductive organs, parasite-host relationships are stable and parasite and host have evolved coadaptations and a tolerance for each other
- Cuterebra tenebrosa*
Baird, C. R., 1979, *J. Parasitol.*, v. 65 (4), 639-644
Cuterebra tenebrosa, incidence in *Neotoma cinerea* from April to November of 1970 and 1971, experimental infections attempted in captive rodents and rabbits, dosage level and effect on hosts, larval migration, site of larval development, acquired immunity, egg viability
Neotoma cinerea (nat. and exper.): Columbia National Wildlife Refuge near Othello, Washington
N. fuscipes (exper.)
Rattus norvegicus (exper.)
Mus musculus (exper.)
- Cuterebridae [sp.]
McKinney, T. D.; and Christian, J. J., 1970, *J. Wildlife Dis.*, v. 6 (3), 140-143
Cuterebridae [sp.] in *Tamias striatus*, incidence by sex-age classes, effects of parasitism: Wayne County, northeastern Pennsylvania
- Cyamus ceti*, illus.
Leung, Y. M., 1976, *Scient. Rep. Whales Research Inst.* (28), 153-160
Cyamus scammoni, life cycle on gray whale, study of parasite reproduction during host migration periods, damage to host cutaneous tissue, ability to survive out of water for several days, comparisons with *C. ceti* and *C. kessleri* life cycles
Eschrichtius robustus (lips, flippers, flukes): off central California coast; shore station at Pt. San Pablo, California; Pt. Barrow, Alaska
- Cyamus kessleri*
Leung, Y. M., 1976, *Scient. Rep. Whales Research Inst.* (28), 153-160
Cyamus scammoni, life cycle on gray whale, study of parasite reproduction during host migration periods, damage to host cutaneous tissue, ability to survive out of water for several days, comparisons with *C. ceti* and *C. kessleri* life cycles
Eschrichtius robustus (umbilicus, genital opening, anal aperture): off central California coast; shore station at Pt. San Pablo, California; Pt. Barrow, Alaska
- Cyamus scammoni* Dall, illus.
Leung, Y. M., 1976, *Scient. Rep. Whales Research Inst.* (28), 153-160
Cyamus scammoni, life cycle on gray whale, study of parasite reproduction during host migration periods, damage to host cutaneous tissue, ability to survive out of water for several days, comparisons with *C. ceti* and *C. kessleri* life cycles
Eschrichtius robustus (jaw, belly, corium): off central California coast; shore station at Pt. San Pablo, California; Pt. Barrow, Alaska
- Cyclopodia* (C.) *inclita*
Watling, D., 1977, *Fiji Agric. J.*, v. 39 (2), 116-117
Pteropus tonganus
P. nawaiensis
all from Sigatoka Valley, Viti Levu, Fiji Islands
- Cyclopodia* (C.) *pembertonii*
Watling, D., 1977, *Fiji Agric. J.*, v. 39 (2), 116-117
Notopteris macdonaldii: Sigatoka Valley, Viti Levu, Fiji Islands
- Cyclopodia* *sykesii*
Mitchell, R.; and Punzo, F., 1976, *J. Bombay Nat. Hist. Soc.*, v. 73 (1), 84-87
Pteropus giganteus: Kathmandu
Rousettus leschenaulti: Kathmandu
Rhinolophus ferrumequinum: Kathmandu
R. lepidus: Sindu
Myotis mystacinus: Kathmandu
all from Nepal
- Cymothoa punctata*
Chernyshenko, A. S., 1966, *Respublik. Mezhvedomstv. Sborn.*, Akad. Nauk Ukrain. SSR, s. *Biol. Moria*, 105-113
ichthyoparasite fauna, extensity and intensity of invasion, species composition: 4 estuaries, Black Sea (northern coastal region)
- Cymothoa punctata* Uljanin 1874
Kovaleva, A. A., 1966, *Respublik. Mezhvedomstv. Sborn.*, Akad. Nauk Ukrain. SSR, s. *Biol. Moria*, 32-38
seasonal variation of invasion extensity and intensity, host age
Atherina mochon pontica
A. hepsetus
A. bonapartei
(gills of all): all from Black Sea (region of Karadag)
- Cymothoa selari* sp. n., illus.
Avdeev, V. V., 1978, *Biol. Moria*, Vladivostok (4), 30-35
Selar crumenophthalmus (mouth cavity): Red Sea
- Cyrtolaelaps minor*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Cyrtolaelaps minor* Willmann
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Cyrtolaelaps minor* Willm.
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine

- Cyrtolaelaps mucronatus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Dactylopsylla* sp.
Douglas, C. L., 1969, Misc. Publication (51),
Univ. Kansas, Mus. Nat. Hist., 147-175
Thomomys bottae: Mesa Verde, Colorado
- Dactylopsylla bluei* (C. Fox)
Rutledge, L. C.; et al., 1979, *J. Med. Entom.*,
v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic
plague, field studies
Lynx rufus: Fort Hunter Liggett, Monterey
County, California
- Dactylopsylla* (Foxella) *ignota*
Douglas, C. L., 1969, Misc. Publication (51),
Univ. Kansas, Mus. Nat. Hist., 147-175
Thomomys bottae: Mesa Verde, Colorado
- Dactylopsylla rara*
Douglas, C. L., 1969, Misc. Publication (51),
Univ. Kansas, Mus. Nat. Hist., 147-175
Thomomys bottae: Mesa Verde, Colorado
- Damalania equi*
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23
(7), 785-800
Haematopinus suis, functional significance
of structures of eggshell, how egg maintains
low equilibrium temperature in direct sun-
light, brief complementary observations on
other Anoplura and some Mallophaga
- Damalania ovis*
Doval, C. P.; and Gupta, I., 1978, *Indian Vet.*
J., v. 55 (11), 890-892
mange and lice in sheep, mange and ticks in
dogs, efficacy of cythioate, safe, con-
venient and acceptable
- Damalania ovis*
Hall, C. A., 1978, *Austral. Vet. J.*, v. 54
(10), 471-472
Damalania ovis, sheep (exper.), cypermethrin
proved effective in eradicating lice and at
5 and 10 ppm prevented reinfestation for 7
and 19 weeks respectively; addendum briefly
gives results for permethrin in similar
tests
- Damalania ovis*
Heath, A. C. G., 1979, *N. Zealand J. Zool.*,
v. 6 (1), 141-144
ectoparasites, feral sheep, host age and sex:
Campbell Island, New Zealand
- Damalania ovis*, *illus.*
Selim, M. K.; et al., 1970, *Vet. Med. J.*,
Giza, v. 17 (18), 173-193
sheep: imported to United Arab Republic
- Damalania ovis*
Tenquist, J. D.; and Roberts, M., 1978, *N.*
Zealand Vet. J., v. 26 (4), 88-91
Lucilia sericata, *Damalania ovis*, sheep,
2 new 'Mini-shower' models of dipping with
fenthion-ethyl and diazinon compared with
plunge and shower dipping, residues in wool
samples
- Dasypsyllus gallinulae*
Britt, D.; and Molyneux, D. H., 1979, *J. Para-*
sitol., v. 65 (3), 408
Sciurus carolinensis: Delamere Forest,
Cheshire, England
- D[*asypsyllus*] *gallinulae*
Jurik, M., 1976, *Acta Univ. Agric., Fac. Agro-*
nom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of ex-
change of habitats
- Dasypsyllus gallinulae* (Dale)
Sosnina, E. F., 1973, *Parazitologiya, Lenin-*
grad, v. 7 (1), 31-35
+*Apodemus flavicollis* (nest): mountain Crimea
- Dasypsyllus gallinulae gallinulae* (Dale 1878)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1),
69-86
Pyrenees-Orientales, France
- Dasypsyllus gallinulae gallinulae* (Dale)
Clark, F., 1978, *Entom. Gaz.*, v. 29 (4),
258-260
records of fleas from English birds and
mammals
- Dasypsyllus gallinulae gallinulae* (Dale)
Fairley, J. S.; and Forster, R., 1979, *Entom.*
Gaz., v. 30 (1), 56-58
Felis catus: Ireland
+*Troglodytes troglodytes* (nest)
- Dasypsyllus gallinulae gallinulae* (Dale), 1878
King, C. M., 1976, *J. Zool., London*, v. 180
(4), 525-535
fleas of *Mustela nivalis*, seasonal distribu-
tion, host specificity, origin of fleas on
host: Wytham Woods, near Oxford
- Degeeriella Neumann*
Tendeiro, J., 1977, *Garcia de Orta, s. Zool.*,
v. 6 (1-2), 47-50
synonymy
- Degeeriella Neumann*, 1906 (part.)
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus.*
u. Inst., v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Degeeriella apiastri* (Denny), Harrison, 1916
Martin Mateo, M. P., 1978, *Rev. Iber. Parasit-*
ol., v. 38 (1-2), 385-402
as syn. of *Brueelia apiastri* (Denny, 1842)
- Degeeriella apiastri* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Brueelia apiastri* (Denny, 1842)
- Degeeriella bicuspis* (Nitzsch, 1874)
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Quadriceps bicuspis* (Nitzsch,
1874)

- Degeeriella elbeli Th. Clay, illus.
Tendeiro, J., 1977, Garcia de Orta, s. Zool., v. 6 (1-2), 47-50
description
Aviceda c. cuculoides: Ponta de Marques Mano, Bissau, Guine-Bissau
- Degeeriella fusca (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, Graelisia, Rev. Entom. Iber., v. 31, 1975, 193-211
synonymy
Circus aeruginosus: Cataluna, Espana
- Degeeriella melanophrys (Nitzsch) Harrison, 1916
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of Upupicola upupae (Schrank, 1803)
- Degeeriella r. regalis
Tendeiro, J., 1977, Garcia de Orta, s. Zool., v. 6 (1-2), 47-50
Aviceda c. cuculoides: Ponta de Marques Mano, Bissau, Guine-Bissau
- Degeeriella rufa (Burmeister, 1838)
Martin, M. P.; and Gallego, J., 1977, Graelisia, Rev. Entom. Iber., v. 31, 1975, 193-211
Syn.: Nirmus rufa Burmeister, 1838
Falco tinnunculus: Cataluna, Espana
- Degeeriella subcuspidata (Burmeister) Harrison, 1916
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of Capraiella subcuspidata (Burmeister, 1838)
- Degeeriella terekiae Blagoveshtchensky, 1948
Blagoveshchenskii, D. I., 1970, Parazitologiya, Leningrad, v. 4 (6), 542-543
independent species, not identical with Nirmus fulvofasciatus Grube
- Degeeriella upupae (Denny) Seguy, 1944
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of Upupicola upupae (Schrank, 1803)
- Demodex
Desch, C.; Nutting, W. B.; and Lukoschus, F. S., 1972, Acarologia, v. 14 (1), 35-53
extension of generic characteristics
- [Demodex] demodicosis
Lettow, E.; Teichert, G.; and Pantke, G., 1973, Tierarztl. Prax., v. 1 (4), 457-463
eye disease, dogs and cats, includes demodicosis, clinical review
- Demodex spp.
Chakrabarti, A.; Ray, S. K.; and Misra, S. K., 1978, Indian J. Animal Health, v. 17 (1), 13-14
Demodex spp., elevation of both beta and gamma globulin values in chronically infected dogs whereas only beta globulin values elevated in cattle
- Demodex sp.
Funmilayo, O.; and Akande, M., 1978, Nigerian J. Entom., v. 3 (1), 93-94
Cricetomys gambianus: Univ. Ibadan and Moor Plantation, Ibadan, Nigeria
- Demodex [sp.]
Sosnina, E. F.; and Skliar, V. E., 1971, Parazitologiya, Leningrad, v. 5 (3), 291-292
Apodemus sylvaticus: Donets oblast, Ukrainian SSR
- Demodex spp., illus.
Stromberg, B. E.; and Nutting, W. B., 1973, Acarologia, v. 14 (4), 605-611
Demodex spp. (especially D. caprae) and 2 related genera, physical characteristics and chemistry of exoskeleton and pigment granules
- Demodex aurati, illus.
Kunstyr, I.; and Matthiesen, T., 1975, Tierarztl. Prax., v. 3 (4), 489-491
Demodex aurati, D. criceti, golden hamsters, clinical review
- Demodex bovis, illus.
Nikander, S.; Korpela, H.; and Rahko, T., 1978, Finsk Vet.-Tidskr., v. 84 (6), 317-322
Demodex bovis, cattle, biology, pathology, diagnosis, treatment, prophylaxis, review
- Demodex bovis
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Demodex bovis Stiles, 1892, illus.
Tashiro, T.; et al., 1979, Nippon Zyuisi-Kai Zassi (J. Japan Vet. Med. Ass.), v. 32 (1), 30-33
Demodex bovis, cattle, outbreak of mange: Kagoshima Prefecture
- Demodex bovis
Uilenberg, G.; and Zwart, D., 1979, Research Vet. Sc., v. 26 (2), 243-245
Theileria parva, calves (exper.) with advanced East Coast fever, occurrence of skin nodules with schizonts and/or skin nodules with Demodex bovis
- Demodex canis
Brockis, D. C., 1978, J. Small Animal Practice, v. 19 (10), 612 [Letter]
Demodex canis, dogs, associated with otitis
- Demodex canis Leydig (1859), illus.
Chakrabarti, A.; and Misra, S. K., 1978, Indian J. Animal Sc., v. 48 (6), 466-468
Demodex canis, dogs, occurrence, pathology of mandibular, parotid, retropharyngeal, and prescapular lymph nodes: India
- Demodex canis
Chakrabarti, A.; and Misra, S. K., 1979, Indian Vet. J., v. 56 (6), 497-500
Demodex canis, dogs, incidence in relation to season, host age, sex, and breed, clinical manifestations, in vivo and in vitro activity of several acaricides: India
- Demodex canis
Corbett, R.; et al., 1975, Transplant. Proc., v. 7 (4), 557-559
Demodex canis, dogs, defect in cell-mediated immunity
- Demodex canis
Crow, S. E., 1978, Mod. Vet. Pract., v. 59 (3), 184-186
Demodex canis in nasal lesion of dog, treated with ronnel; concurrent malignant melanoma and keratoconjunctivitis, no apparent relation between KCS and development of melanoma or demodicosis

- Demodex canis*
Doval, C. P.; and Gupta, I., 1978, Indian Vet. J., v. 55 (11), 890-892
mange and lice in sheep, mange and ticks in dogs, efficacy of cythioate, safe, convenient and acceptable
- Demodex canis* Leydig, 1859, *illus.*
Guler, S., 1977, Vet. Fak. Dergisi, Ankara Univ., v. 24 (3-4), 441-449
Demodex canis, dogs, neguvon as bath, good therapeutic agent
- Demodex canis*
Lacuta, A. Q.; and Newman, A. R., [1977], Philippine J. Vet. Med., v. 15 (1-2), 1976, 169-180
Demodex canis, German Shepherd puppy, treatment with methylene blue positive iontophoresis, good results, case report; iontophoresis, review
- Demodex canis*, *illus.*
Meiser, W., 1975, Tieraerztl. Prax., v. 3 (4), 493-496
Demodex canis, dogs, comprehensive short review
- Demodex canis* Leydig 1859, *illus.*
Nutting, W. B.; and Desch, C. E., 1978, Cornell Vet., v. 68 (2), 139-149
Demodex canis, redescription, all stages, diagnosis, brief taxonomic review, neotypes designated
- Demodex canis*, *illus.*
Sakakibara, I., 1976, Bull. Nippon Vet. and Zotech. Coll. (25), 149-162
Demodex canis, dogs, clinical and histopathological observations
- Demodex canis*
Wilkie, B. N.; Markham, R. J. F.; and Hazlett, C., 1979, Canad. J. Comp. Med., v. 43 (4), 415-419
Demodex canis, healthy Doberman puppies from kennel with high prevalence of mange, cell mediated immunological reactions, deficient cutaneous delayed response to phytohemagglutinin injection
- Demodex caprae*
Datt, S. C.; Tika Ram, S. M.; and Satija, K. C., 1978, Haryana Vet., v. 17 (2), 112-115
mange, livestock, seasonal incidence: Hissar, Haryana
- Demodex caprae*, *illus.*
Stromberg, B. E.; and Nutting, W. B., 1973, Acarologia, v. 14 (4), 605-611
Demodex spp. (especially *D. caprae*) and 2 related genera, physical characteristics and chemistry of exoskeleton and pigment granules
- Demodex criceti*
Kunstyr, I.; and Matthiesen, T., 1975, Tieraerztl. Prax., v. 3 (4), 489-491
Demodex aurati, *D. criceti*, golden hamsters, clinical review
- Demodex cuniculi*, *illus.*
Rebelo, M. E.; Diogo, M. R.; and Serra, J. S., 1977, Reposit. Trab. Lab. Nac. Invest. Vet., Lisboa, v. 9, 117-120
Demodex cuniculi, rabbits, treatment with demodecil
coelha domestico (cabeca, orelhas, regioes cervical e dorsal): Lisboa
- Demodex folliculorum*, *illus.*
Belle, E. A.; et al., 1979, Canad. J. Pub. Health, v. 70 (2), 133-135
Sarcoptes scabiei, outbreak among hospital patients and staff, gamma benzene hexachloride; *Demodex folliculorum* also found: Hamilton, Ontario, probably imported from USA
- Demodex folliculorum*, *illus.*
De Dulanto, F.; and Camacho-Martinez, F., 1979, Ann. Dermat. et Venereol., v. 106 (8-9), 699-704
Demodex folliculorum, humans, infestations within dermis, pruritis, case reports, benzyl benzoate; histology
- Demodex folliculorum*, *illus.*
Fidler, W. J., 1978, Acta Cytol., v. 22 (3), 168-169
Demodex folliculorum in human nipple imprint, morphologic features described, no pathologic significance
- Demodex folliculorum bovis*, *illus.*
Oduye, O. O., 1975, Bull. Animal Health and Prod. Africa, v. 23 (1), 45-50
Demodex folliculorum bovis, cattle, clinical observations and gross pathology, histopathology, concomitant infections with *Dermatophilus congolensis* and *Besnoitia besnoiti*: Nigeria
- Demodex folliculorum* var. *bovis*, *illus.*
Reyes Knoke, M. A.; and Miron, C. A., 1978, Agric. El Salvador, v. 17 (1), 25-29
Demodex folliculorum var. *bovis*, Criollo x Brahman cattle, diagnosed in one animal not showing characteristic lesion: El Salvador
- Demodex gapperi*, *illus.*
Nutting, W. B.; Beekman, E. E.; and Snyder, D. P., 1978, J. Med. Entom., v. 14 (6), 646-648
Demodex gapperi in *Clethrionomys gapperi* (Meibomian ducts), gross signs, development of eyelid closures, histopathology: born in captivity to female captured in Peru, Vermont, U.S.A.; wild-caught in Belchertown, Massachusetts, U.S.A.
- Demodex longissimus* n. sp., *illus.*
Desch, C.; Nutting, W. B.; and Lukoschus, F. S., 1972, Acarologia, v. 14 (1), 35-53
Demodex longissimus n. sp., *D. molossi* sp. n., life cycle, population dynamics, and pathology in bats
Carollia perspicillata (large posterior Meibomian gland): Surinam (Brokopondo, Bronsweg, Lelydorp, Onverwacht, and Zandery)
- Demodex melanopteri* sp. n., *illus.*
Lukoschus, F.; Jongman, R. H. G.; and Nutting, W. B., 1972, Acarologia, v. 14 (1), 54-58
Eptesicus melanopterus (Meibomian glands): Meerzorg and Lelydorp, Surinam
- Demodex molossi* sp. nov., *illus.*
Desch, C.; Nutting, W. B.; and Lukoschus, F. S., 1972, Acarologia, v. 14 (1), 35-53
Demodex longissimus n. sp., *D. molossi* sp. n., life cycle, population dynamics, and pathology in bats
Molossus molossus (Meibomian glands): Lelydorp, and Paramaribo, Surinam

- Demodicidae Nicolet 1855
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Cheyletoidea
- Demodicosis. See [Demodex]
- Dendrolaelaps sp.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Dermacarus hylandi* Fain 1969, illus.
Fain, A.; and Whitaker, J. O., jr., 1978, J. Parasitol., v. 64 (3), 512-514
complete figure, holotype
Tamias striatus: Indiana
- Dermacarus hylandi* Fain
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Tamias striatus: Fort Dix, New Jersey
- Dermacarus hylandi*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Mustela frenata: Indiana
- Dermacarus hypudaei* (Koch, 1841)
Gill, D.; and Strandtmann, R. W., 1977, J. Med. Entom., v. 14 (1), 101-106
Dicrostonyx torquatus: Bathurst Island, N. W. T., Canada
- Dermacarus hypudaei* (Koch)
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Glis glis
Sorex araneus
Sorex minutus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Dermacarus hypudaei*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Dermacarus hypudaei* (Koch)
McDaniel, B., 1979, Southwest. Nat., v. 24 (4), 689-691
Reithrodontomys megalotis dychei: Wind Canyon, Wind Cave Park, Custer Co.
Eutamias minimus silvaticus: Roby Springs, Custer Co.
Microtus ochrogaster haydeni: Wind Cave Canyon, Wind Cave Nat. Park, Custer Co.; Hot Springs, Fall River Co.
Peromyscus maniculatus nebrascensis: Hot Springs, Fall River Co.; Ipswich, Edmunds Co.
all from South Dakota
- Dermacarus hypudaei*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: Wyoming
Z. trinotatus: Washington
- Dermacarus hypudaei*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Mustela frenata
all from Indiana
- Dermacarus newyorkensis*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus hudsonius: Alaska; British Columbia; Colorado; Minnesota
Z. princeps: Alberta; British Columbia; Montana; North Dakota; Utah; Wyoming
Z. trinotatus: British Columbia; Washington
- Dermacarus spermophilus* sp. n., illus.
Fain, A.; and Whitaker, J. O., jr., 1978, J. Parasitol., v. 64 (3), 512-514
Spermophilus lateralis: Steens Mts., Harney Co., Oregon
- Dermacentor* spp., nymphs
Garnett, W. H.; and Ahrens, E. H., 1979, Southwest. Entom., v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Dermacentor* spp.
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Dermacentor albipictus* (Packard)
Garnett, W. H.; and Ahrens, E. H., 1979, Southwest. Entom., v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Dermacentor albipictus* (Packard)
Hair, J. A.; et al., J. Econom. Entom., v. 72 (1), 135-138
Boophilus spp., *Dermacentor albipictus*, cattle (exper.), sustained release famphur bolus
- Dermacentor albipictus* (Packard)
Pederson, J. C., 1977, Great Basin Nat., v. 37 (3), 407-409
Dermacentor albipictus on *Odocoileus hemionus* (anus, ears, areas of flank and udder), rates of occurrence and infestation, seasonal distribution, age of host and parasite: Utah County, Utah

- Dermacentor albipictus* (Packard, 1869), illus. Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Dermacentor albipictus*
Wallis, R. C.; et al., 1978, Am. J. Epidemiol., v. 108 (4), 322-327
southcentral Connecticut
- Dermacentor andersoni*
Allen, J. R.; and Humphreys, S. J., 1979, Nature, London (5722), v. 280, 491-493
Dermacentor andersoni, immunization of guinea pigs and cattle against ticks
- Dermacentor andersoni*
Allen, J. R.; Khalil, H. M.; and Graham, J. E., 1979, Immunology, v. 38 (3), 467-472
Dermacentor andersoni, guinea pigs undergoing primary and secondary infestations, immunofluorescent localization of tick salivary gland antigens, IgG, and complement in skin
- Dermacentor andersoni*
Allen, J. R.; Khalil, H. M.; and Wikel, S. K., 1979, J. Immunol., v. 122 (2), 563-565
Dermacentor andersoni, Langerhans cells trap tick salivary gland antigens in tick-resistant guinea pigs
- Dermacentor andersoni* Stiles
Barker, R. J.; and Lehner, Y., 1976, J. Med. Entom., v. 13 (3), 379-380
Rhipicephalus sanguineus, *Dermacentor andersoni*, hemolymph sugar content analyzed
- Dermacentor andersoni*
Bell, J. F.; Stewart, S. J.; and Wikel, S. K., 1979, Am. J. Trop. Med. and Hyg., v. 28 (5) 876-880
Dermacentor andersoni-sensitized rabbits, resistance to tick-borne *Francisella tularensis* attributed to allergic klendusity (disease escaping ability)
- Dermacentor andersoni*
Burt, A. D.; Gammie, J. S.; and Ellis, S. E., 1978, Canad. Vet. J., v. 19 (12), 347 [Letter]
Dermacentor andersoni, dog (base of left ear), tick paralysis: British Columbia
- Dermacentor andersoni*
Douglas, C. L., 1969, Misc. Publication (51), Univ. Kansas, Mus. Nat. Hist., 147-175
Thomomys bottae: Mesa Verde, Colorado
- Dermacentor andersoni* Stiles, 1908
Easton, E. R.; et al., 1977, J. Med. Entom., v. 13 (4-5), 501-506
Ixodes pacificus, *Dermacentor occidentalis*, *D. andersoni*, total collections by sex, stage, and county of collection, collections by month; *D. variabilis*, possible new small established focus: Oregon
- Dermacentor andersoni*
Goodpasture, H. C.; et al., 1978, Ann. Int. Med., v. 88 (3), 303-310
Dermacentor andersoni, vector of Colorado tick fever in humans, epidemiologic, clinical and laboratory aspects of 228 cases reported in 1973-1974 in Colorado
- Dermacentor andersoni*
Gordon, J. R.; and Allen, J. R., 1979, Canad. J. Comp. Med., v. 43 (4), 380-383
Dermacentor andersoni-infected guinea pigs, primary and secondary infestations, basophil response in blood and bone marrow, possible significance in relation to acquired resistance
- Dermacentor andersoni*
Hamdy, B. H., 1977, J. Med. Entom., v. 14 (1), 15-18
ixodid ticks, comparative analysis of excretory products during feeding
- Dermacentor andersoni* Stiles, 1908
International Commission on Zoological Nomenclature, 1978, Bull. Zool. Nomencl., v. 35 (2), 88-93
Dermacentor andersoni Stiles, 1908 placed on Official List of Specific Names in Zoology; *D. venustus* Marx MS. in Neumann, 1897 and *D. venustus* Banks, 1908 placed on Official Index of Rejected and Invalid Specific Names in Zoology
- Dermacentor andersoni* Stiles
Kurz, J.; and Burgdorfer, W., 1978, Infect. and Immun., v. 20 (2), 584-586
Dermacentor andersoni, presence, viability, and antigenicity of *Rickettsia rickettsii* in frozen vs. mineral oil-treated ticks
- Dermacentor andersoni* Stiles
Maroun, N. A.; and Kamal, K. A., 1976, J. Med. Entom., v. 13 (2), 219-220
Dermacentor andersoni, absence of sterol biosynthesis suggests that ticks depend on their hosts for sterol requirements
- Dermacentor andersoni*, illus.
Moulton, J. E., 1978, Am. J. Vet. Research, v. 39 (9), 1558-1564
preparation of primary cultures of tick cells
- Dermacentor andersoni*
Oliveira, M. R.; and Kreier, J. P., 1979, J. Parasitol., v. 65 (5), 816-817
Babesia microti, transmission to hamsters and gerbils by *Ixodes pacificus* and *I. scapularis* but not by *Dermacentor andersoni* or *D. variabilis*
- Dermacentor andersoni* =(venustus)
Peterson, K. J.; Goulding, R. L.; and Turner, H. T., 1976, Proc. 80. Ann. Meet. U. S. Animal Health Ass., 66-77
Anaplasma marginale, inability to survive natural winter conditions on *Dermacentor andersoni*-infested pastures in absence of infected cattle, results suggest that anaplasmosis can be eliminated in selected herds: Oregon
- Dermacentor andersoni*
Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada

- Dermacentor andersoni*
 Sonenshine, D. E.; et al., 1974, J. Med. Entom., v. 11 (3), 307-315
Dermacentor variabilis, *D. andersoni*, female sex pheromone, chemical and biological evidence for existence, interspecific and intergeneric sex attractant activity involving both *Dermacentor* spp. and *Rhipicephalus sanguineus*
- Dermacentor andersoni*
 Sonenshine, D. E.; et al., 1976, J. Med. Entom., v. 12 (6), 651-656
Dermacentor andersoni, population dynamics and host utilization of immature stages, abundance measured by release and recapture of radioisotope-tagged ticks
Neotoma cinerea
Spermophilus lateralis
Peromyscus maniculatus
Eutamias amoenus
E. ruficaudus
 all from western Montana
- Dermacentor andersoni* (Stiles)
 Suleiman, S. A.; and Brown, G. G., 1977, Proc. 14. Ann. Electron Micr. Colloq., 14-15
Dermacentor variabilis, *D. andersoni*, ultrastructure of spermatozoa
- Dermacentor andersoni* (*D. venustus*), illus.
 Todd, J. K.; Mierau, G. W.; and Vernon, T. M., 1974, Rocky Mountain Med. J., v. 71 (8), 445-449
Dermacentor andersoni, *Ornithodoros*, tick transmitted diseases in the Rocky Mountain states (tularemia, relapsing fever, American tick-borne typhus, Colorado tick fever, tick paralysis), case reports, clinical review
- Dermacentor andersoni* Stiles, illus.
 Vernick, S. H.; et al., 1978, J. Parasitol., v. 64 (3), 515-523
Dermacentor andersoni, *D. variabilis*, ultrastructure of foveal glands (site of pheromone synthesis), evidence of secretory activity, storage, transport, and neural associations
- Dermacentor andersoni*
 Wikel, S. K., 1979, Am. J. Trop. Med. and Hyg., v. 28 (3), 586-590
Dermacentor andersoni, C4-deficient guinea pigs with total deficiency in classical pathway of complement activation but with intact alternate pathway display tick resistance after one infestation
- Dermacentor andersoni*
 Wikel, S. K.; Graham, J. E.; and Allen, J. R., 1978, Immunology, v. 34 (2), 257-263
Dermacentor andersoni, guinea pigs, development of resistance after one infestation, presence of cell-mediated immune component indicated by delayed skin reactivity and in vitro lymphocyte responsiveness to salivary gland antigen, evidence suggests that tick infestation might induce degree of immunosuppression in host
- Dermacentor andersoni* Stiles
 Wilkinson, P. R., 1977, J. Med. Entom., v. 13 (6), 713-718
Dermacentor andersoni, herbicidal killing of shrubs caused no significant reduction in tick numbers: 4 sites near Kamloops, British Columbia
- Dermacentor atrosignatus*
 Rijksen, H. D., 1978, Mededel. Landbouwhogeschool, Wageningen, v. 78 (2), 420 pp.
Pongo pygmaeus abelii: Ketambe area, Sumatra
- Dermacentor auratus* Supino, 1897
 De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
Tupaia glis versurae
 horse
Rattus rattus brunneusculus
 all from Arunachal Pradesh, India
- Dermacentor auratus*
 Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Rattus blanfordi
Suncus murinus
 all from Orissa state, India
- Dermacentor auratus* Supino
 Miranpuri, G. S.; Singh, J.; and Lahkar, B. C., 1978, Indian J. Ecol., v. 5 (1), 23-29
 ixodid ticks of domestic and wild animals, survey, distribution, host-relationship
Sus scrofa: Assam Valley, India
- Dermacentor auratus*
 Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, Indian J. Med. Research, v. 68, 949-953
 ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Dermacentor auratus* Supino
 Sreenivasan, M. A.; Bhat, H. R.; and Naik, S. V., 1979, Indian J. Med. Research, v. 69, 701-707
Dermacentor auratus, experimental transmission of Kyasanur forest disease virus to rodents
- Dermacentor auratus*
 Sreenivasan, M. A.; Bhat, H. R.; and Rajagopalan, P. K., 1979, Indian J. Med. Research, v. 69, 708-713
 partly fed ixodid ticks, transmission of Kyasanur forest disease virus
- Dermacentor marginatus*
 Budumian, R. A., 1978, Veterinariia, Moskva (5), 63-64
Dermacentor marginatus on sheep with toxicosis, clinical aspects; similar condition in mice, guinea pigs, and sheep infected with tick extract, no rickettsia or other disease agents found
- Dermacentor marginatus* (Sulzer, 1776)
 Cerny, V., 1971, Folia Parasitol., v. 18 (2), 160
 Austria
- Dermacentor marginatus*, illus.
 Ciampor, F.; and Nosek, J., 1978, Ang. Parasitol., v. 19 (3), 154-158
Dermacentor marginatus, nymphs, ultrastructure of integumentary glands and mechanoreceptory setae
- Dermacentor marginatus*
 Georgiev, B.; et al., 1971, Folia Parasitol., v. 18 (3), 267-273
 ticks of natural focus of tick-borne encephalitis of sheep and man, monthly incidence on sheep, goats and on pasture, 1966-1970: Rhodope mountains, Bulgaria

- Dermacentor marginatus*, *illus.*
Hirschmann, W., 1979, *Mikrokosmos*, v. 68 (6), 176-178
Dermacentor marginatus, Haller's organ, morphology, scanning electron microscopy
- Dermacentor marginatus*
Honzakova, E., 1971, *Folia Parasitol.*, v. 18 (2), 155-159
ticks, survival, submerged in clear water, water containing litter, various temperatures, laboratory experiments
- Dermacentor marginatus* (Sulz., 1776)
Honzakova, E., 1971, *Folia Parasitol.*, v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Dermacentor marginatus* Sulzer
Kiefer, M.; and Cyprich, D., 1978, *Acta Fac. Rerum Nat. Univ. Comenianae, Zool.* (23), 5-12
ticks, susceptibility to acaricides: Slovakia
- Dermacentor marginatus*
Kondrashova, Z. N.; Kotel'nikova, G. M.; and Kolotvinov, S. V., 1973, *Parazitologiya, Leningrad*, v. 7 (5), 437-442
Dermacentor spp., *Ixodes persulcatus*, experimental studies of salivation
- Dermacentor marginatus*, *illus.*
Liebisch, A.; Burgdorfer, W.; and Rahman, M. S., 1978, *Deutsche Tierarztl. Wchnschr.*, v. 85 (4), 121-126
Dermacentor marginatus, prevalence of rickettsiae: southern Germany
- Dermacentor marginatus*
Lvov, D. K.; et al., 1978, *Acta Virol., Internat. J.*, English ed., v. 22 (6), 506-508
Dermacentor marginatus, isolation of Razdan virus
sheep: village of Solak, Razdan district, Armenian S.S.R.
- D[*ermacentor*] *marginatus*
Molnar, E.; et al., 1977, *Acta Vet., Budapest*, v. 26 (4), 1976, 419-437
Ixodes and D[*ermacentor*] spp., vectors of tick-borne encephalitis: Hungary
- Dermacentor marginatus*
Monov, M.; Petrov, D.; and Milushev, I., 1977, *Vet. Med. Nauki*, v. 14 (5), 48-54
ixodid ticks, distribution, seasonal activity, descriptions of biotopes: Northwest Bulgaria
- Dermacentor marginatus* Sulzer, 1776
Privora, M.; Rupes, V.; and Cerny, V., 1970, *Folia Parasitol.*, v. 17 (1), 81-84
Dermacentor marginatus, laboratory trials testing six insecticides
- Dermacentor marginatus*
Rehacek, J.; et al., 1977, *Zentralbl. Bakteri-ol.*, 1. Abt. Orig., Reihe A, v. 239 (2), 275-281
Dermacentor marginatus, sheep, isolation of rickettsiae of spotted fever group from tick vector: south-western Germany
- Dermacentor marginatus*
Respaldiza Cardenosa, E., 1974, *An. Inst. Nac. Invest. Agrar.*, s. Hig. y San. Animal (1), 167-181
Ixodidae, vectors of neorickettsias, none found in *Dermacentor marginatus*: Spain
- Dermacentor marginatus* Sulz.
Skliar, V. E., 1970, *Parazitologiya, Leningrad*, v. 4 (6), 524-527
[*Mustela eversmanni*]: southern Donets oblast
- Dermacentor marginatus* Sulzer, 1776
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, *Parassitologia*, v. 18 (1-3), 109-118
Bos taurus
Ovis aries
Capra hircus
Homo sapiens
all from Provincia di l'Aquila, Abruzzo, Italia
- Dermacentor marginatus*
Tsintsadze, D. Sh.; and Gugushvili, G. K., 1978, *Soobshch. Akad. Nauk Gruzinsk. SSR*, v. 92 (3), 729-732
Ixodidae spp. found not to be vectors of *Listeria monocytogenes* in confirmed bovine disease foci: Georgian SSR
- Dermacentor marginatus*
Vulchovski, Ia.; et al., 1977, *Vet. Sbirka*, v. 75 (5), 26-29
tick control important in prophylaxis of piroplasmosis under range conditions: Bulgaria
- Dermacentor nigrolineatus* (Packard)
Garnett, W. H.; and Ahrens, E. H., 1979, *Southwest. Entom.*, v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Dermacentor nitens*
Sandoval, E. F. D., 1974, *Rev. Microbiol., S. Paulo*, v. 5 (3), 55-57
ticks, use of agar-gel diffusion technique to identify blood meal, useful application to vector and zoonotic surveys
- Dermacentor* (*Dermacentor*) *nuttalli*
Beulig, W.; Das, M.; and Bjamba, B., 1977, *Monatsh. Vet.-Med.*, v. 32 (23), 914-916
Dermacentor nuttalli, sheep, trichlorphon, spray and pour-on methods evaluated, results show that pour-on most effective and economical; not more than 4 consecutive applications permissible, more applications cause decline in cholinesterase activity
- Dermacentor nuttalli* Ol.
Vershina, T. A., 1974, *Parazitologiya, Leningrad*, v. 8 (2), 123-125
Dermacentor nuttalli, method of collecting larval ticks from vegetation (using a drag-skin) for the purpose of studying territorial distribution: Koibal'sk steppe, Khakhaskaia autonomous oblast
- Dermacentor occidentalis* Marx, 1892
Easton, E. R.; et al., 1977, *J. Med. Entom.*, v. 13 (4-5), 501-506
Ixodes pacificus, *Dermacentor occidentalis*, *D. andersoni*, total collections by sex, stage, and county of collection, collections by month; *D. variabilis*, possible new small established focus: Oregon
- Dermacentor parumapertus*
Keirans, J. E.; and Clifford, C. M., 1974, *J. Med. Entom.*, v. 11 (3), 367-369
Spermophilus variegatus: Woodward Ranch, 35.2 km S Alpine, Brewster County, Texas

- Dermacentor pictus* Herm.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[Apodemus agrarius]: Belorussian Polesia
- Dermacentor pictus* Herm.
Ioffe, I. D., 1977, Zool. Zhurnal, v. 56 (10), 1479-1485
Dermacentor pictus females, increased volume of nervous system during feeding
- Dermacentor pictus* Herm.
Ivanov, D. I.; and Ravdonikas, O. V., 1972, Parazitologiya, Leningrad, v. 6 (1), 26-29
Ixodes apronophorus and *Dermacentor pictus* parasitizing [Arvicola terrestris] and *Sorex*, role in transmission of tularemia and Omsk hemorrhagic fever: west Siberia
- Dermacentor pictus* Hermann, 1804
Kadulski, S., 1975, Acta Parasitol. Polon., v. 23 (41-51), 493-535
- Dermacentor pictus*
Kondrashova, Z. N.; Kotel'nikova, G. M.; and Kolotvinov, S. V., 1973, Parazitologiya, Leningrad, v. 7 (5), 437-442
Dermacentor spp., *Ixodes persulcatus*, experimental studies of salivation
- D[ermacentor] *pictus*
Molnar, E.; et al., 1977, Acta Vet., Budapest, v. 26 (4), 1976, 419-437
Ixodes and D[ermacentor] spp., vectors of tick-borne encephalitis: Hungary
- Dermacentor pictus*
Musatov, V. A., 1978, Veterinariia, Moskva (6), 57-61
ixodid ticks, pathology of host skin reaction to bite and feeding, nonspecific (innate) reaction and specific immune reaction
- Dermacentor pictus* Herm.
Zolotov, P. E.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 116-122
Leningrad oblast
- Dermacentor raskemensis* Pomerantsev
Hoogstraal, H.; and Wassef, H. Y., 1979, J. Parasitol., v. 65 (5), 783-790
Capra hircus aegagrus: Mazandaran Province, Elburz Mountains, Gach Sar (ca. 50 km NNW of Tehran), Iran
- Dermacentor reticulatus*
Borcic, B.; et al., 1978, Vet. Arhiv, Zagreb, v. 48 (6), 277-283
Dermacentor reticulatus, role in maintenance of tularemia natural focus: central Posavina
- Dermacentor reticulatus*
Honzakova, E., 1971, Folia Parasitol., v. 18 (2), 155-159
ticks, survival, submerged in clear water, water containing litter, various temperatures, laboratory experiments
- Dermacentor reticulatus* (Fabr., 1794)
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Dermacentor reticulatus*
Kiefer, M.; and Cyprich, D., 1978, Acta Fac. Rerum Nat. Univ. Comenianae, Zool. (23), 5-12
ticks, susceptibility to acaricides: Slovakia
- Dermacentor reticulatus*
Kozuch, O.; et al., 1979, Acta Virol., Internat. J., English ed., v. 23 (1), 86-88
Ixodes ricinus, *Dermacentor reticulatus*, 7 strains of Tettang virus isolated from ticks, mosquitoes, and small rodents: Czechoslovakia
- Dermacentor rhinoceros* (Denny)
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution black rhinoceros: Zambia
- Dermacentor silvarum* O1.
Belozarov, V. N., 1973, Parazitologiya, Leningrad, v. 7 (1), 14-18
Dermacentor silvarum, capability of adult females to engorge depends on temperature and photoperiod at prefeeding stage, thus certain conditions may give rise to a form of diapause as a seasonal adaptation
- Dermacentor silvarum*
Bolotin, E. I.; Kolonin, G. V.; and Matiushina, O. A., 1979, Zool. Zhurnal, v. 58 (9), 1428-1429
Erinaceus europaeus: Primorsky District (Soviet Far East)
- Dermacentor silvarum*
Kolonin, G. V., 1978, Ekologiya, Sverdlovsk (3), 104-105
ixodid ticks, sex ratios of natural pasture populations, seasonal changes: Primorskii krai
- Dermacentor silvarum*
Okulova, N. M., 1978, Ekologiya, Sverdlovsk (2), 44-48
ixodid ticks, vertical and horizontal movements in forest conditions, dependent upon air temperature and humidity
- Dermacentor silvarum*
Uspenskii, I. V., 1977, Zool. Zhurnal, v. 56 (5), 786-788
Dermacentor silvarum, egg batches in constant humidity conditions, weight changes during development
- Dermacentor silvarum*
Uspenskii, I. V.; Kachanko, N. I.; and Repkina, L. V., 1978, Zool. Zhurnal, v. 57 (3), 391-397
Ixodes persulcatus, *Haemaphysalis concinna*, *Dermacentor silvarum*, analysis of regions of high population density near northern and high altitude limits, seasonal variations in abundance and sex ratios: Amur oblast
- Dermacentor variabilis* (Say)
Brown, S. J.; Bohnsack, K. K.; and Atkins, M. D., 1979, J. Kansas Entom. Soc., v. 52 (2), 258-263
Dermacentor variabilis, nymphs, effects of acclimation humidities on survival and subsequent attachment and engorgement on guinea pigs
- Dermacentor variabilis* (Say)
Campbell, A.; and Harris, D. L., 1979, Environment. Entom., v. 8 (4), 734-739
Dermacentor variabilis females engorged on albino rats and wild-caught *Erethizon dorsatum* and *Procyon lotor* and held under series of constant laboratory temperatures or under fluctuating temperatures in grass and woodland conditions, daily oviposition and survival rates, viability of eggs, total number of eggs deposited

- Dermacentor variabilis*
Dawkins, C. C.; and Gladney, W. J., 1978, *J. Econom. Entom.*, v. 71 (4), 657-660
3-host ticks, guinea pigs, amitraz, Upjohn U-42,564, chlordimeform, detachment response and mortality
- Dermacentor variabilis*
Dickerson, M. S., 1977, *Texas Med.*, v. 73, 83-89
ticks as vectors of Rocky Mountain spotted fever, epidemiologic characteristics in Texas
- Dermacentor variabilis* (Say, 1821)
Easton, E. R.; et al., 1977, *J. Med. Entom.*, v. 13 (4-5), 501-506
Ixodes pacificus, *Dermacentor occidentalis*, *D. andersoni*, total collections by sex, stage, and county of collection, collections by month; *D. variabilis*, possible new small established focus: Oregon
- Dermacentor variabilis* (Say)
Garnett, W. H.; and Ahrens, E. H., 1979, *Southwest. Entom.*, v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Dermacentor variabilis*
Garvie, M. B.; et al., 1978, *Canad. J. Zool.*, v. 56 (1), 28-39
Dermacentor variabilis, seasonal dynamics
Clethrionomys gapperi
Microtus pennsylvanicus
Peromyscus leucopus
P. maniculatus
Tamiasciurus hudsonicus
Tamias triatus
Zapus hudsonius
Lepus americanus
Napeozapus insignis
Mustela erminea
Synaptomys cooperi
Mus musculus
all from southwestern Nova Scotia
- Dermacentor variabilis* (Say)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Canis familiaris
Felis catus
Procyon lotor
Sylvilagus floridanus
Didelphis marsupialis
Sciurus carolinensis
all from Fort Dix, New Jersey
- Dermacentor variabilis*
Loving, S. M.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (6), 1255-1260
ticks, distribution and prevalence of infection with spotted fever group rickettsiae, epidemiological survey of persons bitten by infected ticks: South Carolina
- Dermacentor variabilis* (Say)
McDaniel, R. S. II; and Oliver, J. H., jr., 1978, *J. Parasitol.*, v. 64 (3), 571-573
Dermacentor variabilis nymphs, effects of insect growth regulators on certain aspects of developmental and reproductive biology
- Dermacentor variabilis*
McEnroe, W. D., [1973], *Acarologia*, v. 14 (3), 1972, 365-367
Dermacentor variabilis, adult females, equilibrium weight at near saturation found to be a function of temperature
- Dermacentor variabilis* Say
McEnroe, W. D., 1973, *Acarologia*, v. 14 (4), 542-543
Dermacentor variabilis, general integument as the site of water vapor uptake
- Dermacentor variabilis*
Oliveira, M. R.; and Kreier, J. P., 1979, *J. Parasitol.*, v. 65 (5), 816-817
Babesia microti, transmission to hamsters and gerbils by *Ixodes pacificus* and *I. scapularis* but not by *Dermacentor andersoni* or *D. variabilis*
- Dermacentor variabilis* Say, illus.
Osburn, R. L.; and Oliver, J. H., jr., 1978, *J. Parasitol.*, v. 64 (4), 719-726
Dermacentor variabilis, effects of metepa on cytology and fertility of males treated as unfed adults
- Dermacentor variabilis*
Osburn, R. L.; and Oliver, J. H., jr., 1979, *Ann. Entom. Soc. Am.*, v. 72 (6), 740-745
Dermacentor variabilis, chemosterilization with metepa, effect on cytology and fertility of fed and partially fed males
- Dermacentor variabilis*
Piesman, J.; and Spielman, A., 1979, *Ann. Entom. Soc. Am.*, v. 72 (6), 829-832
Peromyscus leucopus
Microtus pennsylvanicus
Sylvilagus floridanus
Rattus norvegicus
all from southeastern Massachusetts
- Dermacentor variabilis*
Scholten, T., 1977, *Canad. J. Pub. Health*, v. 68 (6), 494-496
human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada
- Dermacentor variabilis*
Sonenshine, D. E., 1977, *J. N. York Entom. Soc.*, v. 85 (4), 212-213
Amblyomma americanum, *Dermacentor variabilis*, vectors of Rocky Mountain spotted fever, review
- Dermacentor variabilis* (Say, 1821), illus.
Sonenshine, D. E., 1979, *Research Div. Bull.* (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Dermacentor variabilis*
Sonenshine, D. E.; et al., 1974, *J. Med. Entom.*, v. 11 (3), 307-315
Dermacentor variabilis, *D. andersoni*, female sex pheromone, chemical and biological evidence for existence, interspecific and intergeneric sex attractant activity involving both *Dermacentor* spp. and *Rhipicephalus sanguineus*
- Dermacentor variabilis* (Say)
Sonenshine, D. E.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (2, pt. 1), 339-349
epizootiology of *Rickettsia prowazekii* in *Glaucomys volans*, vector transmission suggested by occurrence of natural infections in *Orchopeas howardii* and *Neohaematopinus sciuropteri*, ecology of ectoparasites associated with *G. volans* (seasonal activity, abundance in nests)
Glaucomys volans: Virginia

- Dermacentor (Dermacentor) variabilis* (Say)
Suleiman, S. A.; and Brown, G. G., 1977, Proc. 14. Ann. Electron Micr. Colloq., 14-15
Dermacentor variabilis, *D. andersoni*, ultrastructure of spermatozoa
- Dermacentor variabilis* (Say), illus.
Suleiman, S. A.; and Brown, G. G., 1978, Iowa State J. Research, v. 53 (2), 93-108
Dermacentor variabilis, spermiogenesis, morphology, development, and significance of motile organelle
- Dermacentor variabilis* (Say)
Thompson, P. H., 1974, Proc. Entom. Soc. Wash., v. 76 (3), 282-284
Dermacentor variabilis larvae, suckling mice (exper.), attachment sites
- Dermacentor variabilis* (Say), illus.
Vernick, S. H.; et al., 1978, J. Parasitol., v. 64 (3), 515-523
Dermacentor andersoni, *D. variabilis*, ultrastructure of foveal glands (site of pheromone synthesis), evidence of secretory activity, storage, transport, and neural associations
- Dermacentor variabilis*
Wallis, R. C.; et al., 1978, Am. J. Epidemiol., v. 108 (4), 322-327
humans
dogs
cats
Peromyscus leucopus
Microtus pennsylvanicus
Procyon lotor
Mephitis mephitis
all from southcentral Connecticut
- Dermacentor variabilis*
Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 193-198
Rattus norvegicus: Indiana
- Dermacentor variabilis*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: Utah
- Dermacentor variabilis*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Vulpes vulpes
Canis latrans
Procyon lotor
Mustela frenata
M. nivalis
Taxidea taxus
all from Indiana
- Dermacentor variabilis*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Dermacentor venustus* Banks, 1908
International Commission on Zoological Nomenclature, 1978, Bull. Zool. Nomencl., v. 35 (2), 88-93
Dermacentor andersoni Stiles, 1908 placed on Official List of Specific Names in Zoology; *D. venustus* Marx MS. in Neumann, 1897 and *D. venustus* Banks, 1908 placed on Official Index of Rejected and Invalid Specific Names in Zoology
- Dermacentor venustus* Marx MS. in Neumann, 1897
International Commission on Zoological Nomenclature, 1978, Bull. Zool. Nomencl., v. 35 (2), 88-93
Dermacentor andersoni Stiles, 1908 placed on Official List of Specific Names in Zoology; *D. venustus* Marx MS. in Neumann, 1897 and *D. venustus* Banks, 1908 placed on Official Index of Rejected and Invalid Specific Names in Zoology
- Dermanyssus Duges*
Moss, W. W., 1978, J. Med. Entom., v. 14 (6), 627-640
Dermanyssus, analysis of phenetic relationships using techniques of numerical taxonomy; key to females of species, includes: *D. trochilinis* n. sp.; *D. antillarum* Dusbabek & Cerny; *D. americanus* Ewing; *D. alaudae* (Schrank); *D. brevis* Ewing; *D. quintus* Vitzthum; *D. hirsutus* Moss & Radovsky; *D. grochovskae* Zemskaya; *D. hirundinis* (Hermann); *D. faralloni* Nelson & Furman; *D. triscutatus* Krantz; *D. transvaalensis* Evans & Till; *D. chelidonis* Oudemans; *D. prognephilus* Ewing; *D. gallinae* (De Geer); *D. gallinoides* Moss
- Dermanyssus* sp.
Tagil'tsev, A. A., 1971, Parazitologiya, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast
- Dermanyssus antillarum* sp. n., illus.
Dusbabek, F.; and Cerny, V., 1971, Folia Parasitol., v. 18 (1), 55-61
+*Tachornis phoenicobia iradii* (nest): Blanquizar, Prov. of Pinar deo Rio, Cuba
- Dermanyssus antillarum* Dusbabek & Cerny, illus.
Moss, W. W., 1978, J. Med. Entom., v. 14 (6), 627-640
key
- Dermanyssus faralloni* Nelson & Furman, illus.
Moss, W. W., 1978, J. Med. Entom., v. 14 (6), 627-640
key
- Dermanyssus gallinae*, illus.
Auger, P.; et al., 1979, Canad. Med. Ass. J., v. 120 (6), 700, 703
Dermanyssus gallinae, human, in-hospital outbreak of skin acariasis, pigeon nests on window ledges and air conditioners were infested, when pigeons were displaced human infections ceased: Centre hospitalier de Lanaudiere, Joliette, PQ
- Dermanyssus gallinae*
Bonin, W., 1977, Berl. u. Munchen. Tierarztl. Wchnschr., v. 90 (2), 34-37
Amblyomma hebraeum, *Psoroptes cuniculi*, *Melophagus ovinus*, *Dermanyssus gallinae*, *heptenophos*, rapid mode of action, broad range of efficacy, short residual effect and effective as a vapour poison, compared with other standard drug preparations

- Dermanyssus gallinae* (Redi) Dug.
Borisova, V. I., 1972, *Parazitologiya*, Leningrad, v. 6 (5), 457-464
ecology of nest parasites of birds with emphasis on *Dermanyssus hirundinis*, *Ceratophylus gallinae*, and *Carnus haemapterus*, seasonal changes in populations, adaptation of life cycles to host life cycles
+*Columba livia* (nest): Tatar ASSR
- Dermanyssus gallinae*
Daniel, M.; and Cerny, V., 1971, *Folia Parasitol.*, v. 18 (4), 364
Dermanyssus gallinae, mass occurrence in tenement house, pigeon nests possible source
- Dermanyssus gallinae*
Frolov, B. A.; et al., 1978, *Veterinariia*, Moskva (11), 75-76
Dermanyssus gallinae, *Argas persicus*, chickens, acaricides tested
- Dermanyssus gallinae*, *illus.*
Kirkwood, A. C., 1974, *Internat. Pest Control*, v. 16 (6), 12-15
Dermanyssus gallinae, laboratory and field experiments using gasil 35 and gasil 200
- Dermanyssus gallinae* Redi
Kozlov, V. I., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 363-364
Dermanyssus gallinae eggs, nymphs, and adults are preyed upon by *Alphitobius diaperinus*, thus reducing mass reproduction of this parasite in poultry yards
- D[*ermanyssus*] *gallinae*
Puchkova, E. A., 1977, *Veterinariia*, Moskva (7), 19-22
D[*ermanyssus*] *gallinae*, C[*imex*] *lectularius*, lice, chickens on industrial scale farms, control, sevin, dicresil, chlorophos, carbophos; other complex sanitation measures
- Dermanyssus gallinae* (Redi)
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Dermanyssus hirundinis* Herm.
Borisova, V. I., 1972, *Parazitologiya*, Leningrad, v. 6 (5), 457-464
ecology of nest parasites of birds with emphasis on *Dermanyssus hirundinis*, *Ceratophylus gallinae*, and *Carnus haemapterus*, seasonal changes in populations, adaptation of life cycles to host life cycles
+*Riparia riparia*
+*Hirundo rustica*
+*Delichon urbica*
+*Parus major*
+*Muscicapa hypoleuca*
+*Phoenicurus phoenicurus*
+*Sturnus vulgaris*
+*Motacilla alba*
+*Passer montanus*
(nest of all): all from Tatar ASSR
- Dermanyssus hirundinis* (Hermann, 1804)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, *Rev. Soc. Mexicana Hist. Nat.*, v. 33, 151-159
+*Hirundo* sp. (nest): Mexico, D. F.
- Dermanyssus hirundinis*
Mehl, R., 1978, *Fauna*, Oslo, v. 31 (4), 250-267
arthropod pests of humans or domestic animals, Laboratory of Medical Entomology enquiries (1972-1976), first report: Norway
- Dermanyssus trochilinis* n. sp., *illus.*
Moss, W. W., 1978, *J. Med. Entom.*, v. 14 (6), 627-640
key
+hummingbird (nest): Puno, on Lake Titicaca, Peru
- Dermatobia cyaniventris* Macquart 1843
Kremer, M.; Rebholtz, C.; and Rieb, J. P., 1978, *Ann. Parasitol.*, v. 53 (4), 439-440
as syn. of *D. hominis* Linne Jr.
- Dermatobia hominis*
Bakos, L.; and Zanini, S., 1979, *Brit. J. Dermat.*, v. 100 (2), 223-224
woman (tongue): Rio Grande do Sul, southern Brazil
- Dermatobia hominis*, *illus.*
Chaia, G.; et al., 1975, *Rev. Inst. Med. Trop. S. Paulo*, v. 17 (5), 298-306
Dermatobia hominis, life cycle maintained under laboratory conditions, infection of rats for study of chemotherapeutics
rats, Wistar
mice
Mesocricetus auratus
calves
(all exper.)
- Dermatobia hominis*
Katz, S. I.; and Taylor, R., 1971, *South. Med. J.*, v. 64 (6), 759-760
Dermatobia hominis myiasis, student (buttocks, elbow), case report: University of Miami Health Center, recently returned from field trip to Costa Rica
- Dermatobia hominis* Linne Jr., *illus.*
Kremer, M.; Rebholtz, C.; and Rieb, J. P., 1978, *Ann. Parasitol.*, v. 53 (4), 439-440
Dermatobia hominis, 3rd stage larvae, pattern of stigmatic plates, observation of an anomaly
Syn.: *D. cyaniventris* Macquart 1843
- Dermatobia hominis*
Marsden, P. D.; Shelley, A. J.; and Armitage, P., 1979, *Tr. Roy. Soc. Trop. Med. and Hyg.*, v. 73 (4), 458-459
Dermatobia hominis, survey of lesions in Zebu cow hides of different colors, possible explanation for higher parasite distribution in dark colored hides: Brazil
- Dermatophagoides pteronyssinus* (Trouessart, 1897)
Wilson, N.; and Wodzicki, K., 1977, *N. Zealand J. Zool.*, v. 4 (4), 383-387
Rattus rattus: Niue Island
- Dermatophagoides sclerovestibulatus* Fain, 1975
Stutterheim, C. J., 1977, *South African J. Sc.*, v. 73 (9), 281
Buphagus erythrorhynchus: Kruger National Park
- Dermoglyphidae* Trouessart & Megnin 1883
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
includes: *Neumannella*; *Tinamoglyphus* n. g.

- Dermoglyphus leptocentrus*, Gaud et Mouchet, 1959; Gaud et Till, 1961
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Paralges leptocentrus* (Gaud et Mouchet)
- Diamanus montanus*
Keirans, J. E.; and Clifford, C. M., 1974, J. Med. Entom., v. 11 (3), 367-369
Spermophilus variegatus: Woodward Ranch, 35.2 km S Alpine, Brewster County, Texas
- Diamanus montanus* (Baker)
Rutledge, L. C.; et al., 1979, J. Med. Entom., v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Spermophilus beecheyi
Peromyscus maniculatus
all from Fort Hunter Liggett, Monterey County, California
- Diamesoglyphus hispidus* sp. n., illus.
Volgin, V. I.; and Tareev, V. N., 1975, Parazitologia, Leningrad, v. 9 (1), 68-76
+*Eutamias sibiricus* (nest): Primorski krai, zapovednik 'Kedrovaia pad'
- Diamesoglyphus zachvatkini* sp. n., illus.
Volgin, V. I.; and Tareev, V. N., 1975, Parazitologia, Leningrad, v. 9 (1), 68-76
+*Pteromys volans* (nest): Primorski krai, zapovednik 'Kedrovaia pad'
- Diapterobates* sp.
Addison, E. M.; Pybus, M. J.; and Rietveld, H. J., 1978, Canad. J. Zool., v. 56 (10), 2122-2126
Ursus americanus: central Ontario, Canada
- Dichelesthium oblongum* (Abildgaard, 1794)
Appy, R. G.; and Dadswell, M. J., 1978, Canad. J. Zool., v. 56 (6), 1382-1391
Acipenser oxyrinchus (gill cavity): Saint John River estuary, N.B., Canada
- Didelphilichus serrifer*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Dinatostomus* n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
key, tod: *D. carcinoferus* n. sp.
- Dinatostomus carcinoferus* n. sp. (tod), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Tinamus major saturatus: Panama (Pucro, Pr. de Darien)
T. major castaneiceps: Panama
T. guttatus: Equateur; Venezuela
- Dinemoleus* gen. nov.
Cressey, R.; and Boyle, H., 1978, Pacific Science, v. 32 (1), 25-30
Pandaridae
mt: *D. indeprensus* sp. nov.
- Dinemoleus indeprensus* sp. nov. (mt), illus.
Cressey, R.; and Boyle, H., 1978, Pacific Science, v. 32 (1), 25-30
[p. 29, as *indeprensis*]
"megamouth", new species of shark (body surface near first dorsal fin): off Kahuka Point, Oahu, Hawaii
- Dinemoura latifolia* Steenstrup & Luetken, 1861
Hewitt, G. C., 1979, N. Zealand J. Marine and Freshwater Research, v. 13 (1), 171
Carcharodon carcharias: Pukerua Bay, near Wellington, New Zealand
- Dinemoura producta* (Mueller, 1785)
Hewitt, G. C., 1979, N. Zealand J. Marine and Freshwater Research, v. 13 (1), 171
Carcharodon carcharias: Pukerua Bay, near Wellington, New Zealand
- Dinopsyllus apistus*
Fain, A.; and Beaucournu, J. C., 1976, Rev. Zool. Africaine, v. 90 (1), 181-187
Praomys: Mont Kahuzi
Lophuromys: Tshibati
all from Province du Kivu, Zaire, Afrique
- Dinopsyllus echinus*
Fain, A.; and Beaucournu, J. C., 1976, Rev. Zool. Africaine, v. 90 (1), 181-187
Lophuromys: Tshibati, Province du Kivu, Zaire, Afrique
- Dinopsyllus echinus* J. & R., 1913
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
rodents: Olkokola, Tanzania
- Dinopsyllus ellobius*
Isaacson, M.; et al., 1976, South African Med. J., v. 50 (24), 929-932
Dinopsyllus ellobius and pooled *Xenopsyllas*, vectors of *Yersinia pestis*, survey of bubonic/pneumonic plague epidemic in Lesotho
- Dinopsyllus* (*Dinopsyllus*) *foedus* Smit, 1968, illus.
Smit, F. G. A. M., 1978, Rev. Zool. Africaine, v. 92 (1), 251-253
description of female
Otomys irroratus
Lophuromys aquila rita
all from Kivu, Zaire
- Dinopsyllus longifrons* J. & R., 1913
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
rodents: Olkokola, Tanzania
- Dinopsyllus lypusus*
Fain, A.; and Schwan, T. G., 1976, Rev. Zool. Africaine, v. 90 (3), 634-639
Lophuromys flavopunctatus
Praomys natalensis
Otomys irroratus
Arvicanthis niloticus
all from Kenya
- Diocus frigidus*
Khan, R. A., 1978, J. Parasitol., v. 64 (1), 35-44
Lycodes lavalaei: Grand Banks, northwestern Atlantic Ocean, off Newfoundland

- Dipodomys* gen. n.
Fain, A.; and Lukoschus, F. S., 1978, J. Parasitol., v. 64 (1), 137-138
Hypoderidae, Muridectinae
tod: *D. americanus* sp. n.
- Dipodomys americanus* sp. n. (tod), illus.
Fain, A.; and Lukoschus, F. S., 1978, J. Parasitol., v. 64 (1), 137-138
Dipodomys merriami (subcutaneous tissues):
Quintoyacuito, Colorado River; Pierce Ferry, Arizona
- Diproctophyllodes dielytra*
Atyeo, W. T.; and Gaud, J., 1971, Folia Parasitol., v. 18 (1), 51-53
synonymy
Chiroxiphia caudata: Argentina; Brazil
- Dipseliopoda setosa*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
Rousettus lanosus: Kenya
- Discachaeta arcipes* (Pand.), illus.
Verves, Iu. G.; and Kuz'movich, L. G., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 16-21
Helicella candicans: Ternopol oblast
- Docophorus* Nitzsch, 1818 (part.)
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Docophorus alcedinis* Denny, 1842
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of *Alcedoffula alcedinis* (Denny, 1842)
- Docophorus alpinus* Giebel, 1874
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)
- Docophorus arcticus* Mjoeberg, 1916
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae tringae* (O. Fabricius, 1780)
- Docophorus auratus*, Piaget, 1880
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina clayae clayae* Hopkins, 1949
- Docophorus bifrons* Nitzsch, 1866
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of *Meropoeus meropis* (Denny, 1942)
- Docophorus bifrons* Nitzsch, 1866
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Meropoeus meropis* (Denny, 1842)
- Docophorus cephaloxys* (Nitzsch) Piaget, 1880
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of *Alcedoffula alcedinis* (Denny, 1842)
- Docophorus fissiformis* Osborn, 1896
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)
- Docophorus gonorrhynchus* Nitzsch, 1861
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Craspedorrhynchus nisi* (Denny, 1842)
- Docophorus lari* Grube, 1851 (non O. Fabricius, 1780)
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)
- Docophorus nisi* Denny, 1842
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Craspedorrhynchus nisi* (Denny, 1842)
- Docophorus rostratus* Burmeister, 1838
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Strigiphilus rostratus* (Burmeister, 1838)
- Docophorus upupae* Denny, 1842
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of *Upupicola upupae* (Schrank, 1803)
- Docophorus upupae* Denny, 1842
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Upupicola upupae* (Schrank, 1803)
- Docophorus variabilis* Denny, 1842
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)
- Dolichopsyllus*
Goncharov, A. I., 1971, Parazitologiya, Leninograd, v. 5 (4), 369-373
Leptopsyllidae
- Doloisia minamii*
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Tokudaia oshimensis
Rattus rattus
all from Amami Island, Japan
- Doloisia satoiana*
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Tokudaia oshimensis: Amami Island, Japan
- Doloisia taihui* sp. nov., illus.
Chen, H. P., 1978, Acta Entom. Sinica, v. 21 (2), 197-203
Rattus niviventes confucianus: southern Kiangsu Province, China
- Doloisia zentokii*
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Tokudaia oshimensis
Rattus rattus
all from Amami Island, Japan
- Domrownetes* n. gen.
O'Connor, B. M., 1978, J. N. York Entom. Soc., v. 86 (2), 123-129
Ereynetidae; Speleognathinae
key; tod: *Paraspeleognathopsis exul* Domrow 1975 [comb. with *Domrownetes* indicated, not made]

- Doratopsylla Jordan and Rothschild
Mardon, D. K., 1978, J. Austral. Entom. Soc., v. 17 (4), 379-383
genitalic characters of genera of Doratopsyllinae compared
- Doratopsylla birulai
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Doratopsylla birulai Ioff.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, Parazitologiya, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Doratopsylla birulai I., 1927
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[Sorex araneus]
[S. macropygmaeus]
[Clethrionomys rutilus]
all from northeastern Kazakhstan
- Doratopsylla blarinae Fox
Main, A. J.; et al., 1979, Entom. News, v. 90 (3), 135-140
Blarina brevicauda
Peromyscus leucopus
Clethrionomys gapperi
all from Connecticut
- Doratopsylla dasyncnemus
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Doratopsylla dasyncnema Roths.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[Clethrionomys glareolus]
[Apodemus agrarius]
all from Belorussian Polesia
- Doratopsylla dasyncnema
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
Crocidura suaveolens
all from Gory Sowie (Middle Sudetes), Poland
- Doratopsylla dasyncnema
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Microtus arvalis
Apodemus tauricus
Sorex araneus
Sorex alpinus
Neomys fodiens
Neomys anomalus
Crocidura suaveolens
all from west and east Beskid (Poland)
- Doratopsylla dasyncnema dasyncnema (Rothschild, 1897)
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, Spain
- Doratopsylla dasyncnema dasyncnema (Rothschild)
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
Sorex minutus
Apodemus sylvaticus
all from Ireland
- Doratopsyllinae
Mardon, D. K., 1978, J. Austral. Entom. Soc., v. 17 (4), 379-383
genitalic characters of genera of Doratopsyllinae compared
- Doropygus dakarensis n. sp., illus.
Monniot, C., 1966, Bull. Mus. National Hist. Nat., 2. s., v. 38 (5), 651-655
Pyura stolonifera: region de Dakar
- Eadiea brevihamata
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Neurotrichus gibbsi (fur): Oregon
- Eadiea scapanus
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus townsendi (fur): Oregon
- Echidnophaga Olliff, 1886
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Pulicidae, Pulicinae, key
- Echidnophaga gallinacea
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Sylvilagus floridanus
Lepus callotis
all from high mountains near Mexico City
- Echidnophaga gallinacea (Westwood)
Graves, G. N.; et al., 1974, J. Med. Entom., v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Dipodomys spectabilis
D. merriami
D. ordii
Neotoma micropus
Onychomys leucogaster
Sylvilagus audubonii
all from Chaves County, New Mexico
- Echidnophaga gallinacea
Keirans, J. E.; and Clifford, C. M., 1974, J. Med. Entom., v. 11 (3), 367-369
Spermophilus variegatus: Woodward Ranch, 35.2 km S Alpine, Brewster County, Texas
- Echidnophaga gallinacea (Westwood, 1875), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
synonymy
Hemiechinus auratus
Herpestes auropunctatus
Canis aureus
Vulpes vulpes
Felis chaus
F. libyca
Homo sapiens
Meriones libycus
all from Afghanistan

- Echidnophaga gallinacea*
Rutledge, L. C.; et al., 1979, *J. Med. Entom.*, v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Spermophilus beecheyi: Fort Hunter Liggett, Monterey County, California
- Echidnophaga gallinacea*
Shepherd, R. C. H.; and Edmonds, J. W., 1978, *Austral. J. Ecol.*, v. 3 (3), 287-295
Echidnophaga myrmecobii, *E. perilis*, and *E. gallinacea* on *Oryctolagus cuniculus*, seasonal occurrence, ratio of male/female fleas, age and sex of host: Mallee region, north-west of Victoria, Australia
- Echidnophaga gallinacea* (Westwood, 1875)
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Apodemus sylvaticus: Dhaulagiri region of western Nepal
- Echidnophaga gallinacea*
Walton, D. W.; and U Maung Maung Tun, 1978, *Southeast Asian J. Trop. Med. and Pub. Health*, v. 9 (3), 369-377
fleas of small mammals, prevalence, intensity, monthly fluctuations, sex ratios, potential public health importance as vectors of human plague
Rattus exulans
Bandicota bengalensis
Suncus murinus
all from Rangoon, Burma
- Echidnophaga larina* J. & R., 1906
Smit, F. G. A. M., 1976, *Rev. Zool. Africaine*, v. 90 (1), 46-52
Phacochoerus aethiopicus sundevalli
Crocota crocota germinans
all from lake Sereri, Tanzania
- Echidnophaga myrmecobii*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Dasyurus hallucatus
Zyomys argurus
all from Queensland, Australia
- Echidnophaga myrmecobii*
Shepherd, R. C. H.; and Edmonds, J. W., 1978, *Austral. J. Ecol.*, v. 3 (3), 287-295
Echidnophaga myrmecobii, *E. perilis*, and *E. gallinacea* on *Oryctolagus cuniculus*, seasonal occurrence, ratio of male/female fleas, age and sex of host: Mallee region, north-west of Victoria, Australia
- Echidnophaga myrmecobii* Rothschild
Shepherd, R. C. H.; and Edmonds, J. W., 1979, *Austral. J. Zool.*, v. 27 (2), 261-271
Echidnophaga myrmecobii and *E. perilis* on *Oryctolagus cuniculus*, distribution on host, seasonal patterns of increase and decrease, sex of parasite, age and sex of host: Pine Plains, Mallee region of Victoria
- Echidnophaga oschanini*
Morozov, Iu. A.; Rapoport, L. P.; and Kovtun, I. P., 1972, *Parazitologiya, Leningrad*, v. 6 (4), 334-337
flea exchange between *Rhombomys opimus* and *Citellus fulvus* studied by radioisotope tracing: Prichuisk Muyunkum
- Echidnophaga oschanini*
Protopopian, M. G.; et al., 1975, *Parazitologiya, Leningrad*, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocenosis: Caspian part of Ural-Embinsk inter-river area
- Echidnophaga perilis*
Shepherd, R. C. H.; and Edmonds, J. W., 1978, *Austral. J. Ecol.*, v. 3 (3), 287-295
Echidnophaga myrmecobii, *E. perilis*, and *E. gallinacea* on *Oryctolagus cuniculus*, seasonal occurrence, ratio of male/female fleas, age and sex of host: Mallee region, north-west of Victoria, Australia
- Echidnophaga perilis* Jordan
Shepherd, R. C. H.; and Edmonds, J. W., 1979, *Austral. J. Zool.*, v. 27 (2), 261-271
Echidnophaga myrmecobii and *E. perilis* on *Oryctolagus cuniculus*, distribution on host, seasonal patterns of increase and decrease, sex of parasite, age and sex of host: Pine Plains, Mallee region of Victoria
- Echinositus* [lapsus p. 141 for *Echinositus* gen. n.]
Shornikov, E. I., 1973, *Parazitologiya, Leningrad*, v. 7 (2), 135-144
- Echinolaelaps echidninus*
Nakata, K., 1979, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Rattus norvegicus: Tonden, Sapporo, Hokkaido
- Echinonyssus butantanensis*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Rattus rattus: Western Australia
- Echinophilus* gen. n.
Shornikov, E. I., 1973, *Parazitologiya, Leningrad*, v. 7 (2), 135-144
Cytheridae, *Paradoxostomatinae*, *Paradoxostomatini*
tod: *E. semilunaris* sp. n.
- Echinophilus semilunaris* sp. n. (tod), illus.
Shornikov, E. I., 1973, *Parazitologiya, Leningrad*, v. 7 (2), 135-144
Strongylocentrotus polyacanthus: Kurile Islands, Matua Island, Dvoinaia cove
S. droebachiensis: Pacific coast of Paramushir Island, Tukharka bay
(all ectoparasitic)
- Echinophthiriidae*
Kim, K. C.; and Emerson, K. C., 1974, *J. Med. Entom.*, v. 11 (4), 442-446
redefined, key to genera, evolution
- Echinophthirius* Giebel
Kim, K. C.; and Emerson, K. C., 1974, *J. Med. Entom.*, v. 11 (4), 442-446
Echinophthiriidae
key
- Echinophthirius* Giebel, 1871
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland

- Echinositus* gen. n.
Shornikov, E. I., 1973, *Parazitologiya*, Leningrad, v. 7 (2), 135-144
Cytheridae, Paradoxostomatinae, Paradoxostomatini
[lapsus p. 141 as *Echinositus*], tod: *E. stronglylocentroti* sp. n.
- Echinositus stronglylocentroti* [lapsus p. 137 for *E. stronglylocentroti* sp. n.]
Shornikov, E. I., 1973, *Parazitologiya*, Leningrad, v. 7 (2), 135-144
- Echinositus stronglylocentroti* [lapsus p. 136 for *E. stronglylocentroti* sp. n.]
Shornikov, E. I., 1973, *Parazitologiya*, Leningrad, v. 7 (2), 135-144
- Echinositus stronglylocentroti* sp. n. (tod), illus.
Shornikov, E. I., 1973, *Parazitologiya*, Leningrad, v. 7 (2), 135-144
[lapsus p. 136 as *E. stronglylocentroti*; lapsus p. 137 as *E. stronglylocentroti*]
Strongylocentrotus droebachiensis (ectoparasitic): Pacific coast of Kamchatka, Avachinskaya inlet at cape Vikova; Pacific coast of Paramushir Island (Kurile Islands), Tushkarka bay
- Echthrogaleus coleoptratus* (Guerin, 1837)
Hewitt, G. C., 1979, *N. Zealand J. Marine and Freshwater Research*, v. 13 (1), 171
Carcharodon carcharias: Pukerua Bay, near Wellington, New Zealand
- Echthrogaleus denticulatus* Smith, 1874
Hewitt, G. C., 1979, *N. Zealand J. Marine and Freshwater Research*, v. 13 (1), 171
Carcharodon carcharias: Pukerua Bay, near Wellington, New Zealand
- Eichlerella Conci*, 1942
Zlotorzyska, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Eltonella crinita* Schlug., 1966
Muliarskaia, L. V., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Eltonella (Eltonella) hyracis* Vercammen, 1965
Taufflieb, R.; Mouchet, J.; and Courtois, D., 1972, *Acarologia*, v. 14 (1), 59-65
Procavia sp.: Tadjoura, dans le Territoire Francais des Afars et des Issas
- Eltonella ichikawai*
Suzuki, H., 1977, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 28 (2), 105-110
Pentalagus furnessi
Tokudaia oshimensis
all from Amami Island, Japan
- Eltonella (Chiroptella) multisternalae* Vercammen-Grandjean, 1963
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
as syn. of *Sasatrombicula (Traubiella) multisternalae* (Vercammen-Grandjean)
- Eltonella storkani* Daniel, 1956
Muliarskaia, L. V., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Emersoniella Tendeiro*, 1965
Emerson, K. C.; and Price, R. D., 1978, *Pacific Insects*, v. 19 (1-2), 105-108
English translation of original description, key to species
- Emersoniella bracteata* (Nitzsch)
Emerson, K. C.; and Price, R. D., 1978, *Pacific Insects*, v. 19 (1-2), 105-108
key
- Emersoniella galateae* new species, illus.
Emerson, K. C.; and Price, R. D., 1978, *Pacific Insects*, v. 19 (1-2), 105-108
key
Tanyiptera galatea: New Guinea (NE), Madang Distr., 18 km NNE of Wanuma
- Emersoniella halcyonis* Tendeiro
Emerson, K. C.; and Price, R. D., 1978, *Pacific Insects*, v. 19 (1-2), 105-108
key
- Emersoniella regis* new species, illus.
Emerson, K. C.; and Price, R. D., 1978, *Pacific Insects*, v. 19 (1-2), 105-108
key
Clytoceyx rex: New Guinea (NE), E Sepik Distr., 4.8 km WSW Dagua Rd
- Emetha audouini* (Edwards, 1840), illus.
Romestand, B., 1979, *Ann. Parasitol.*, v. 54 (4), 423-448
Cymothoidae of teleost fish, hematophagy, host immune response, biochemical, histological, haematological, and biometrical (growth) changes in infected hosts
Maena maena
M. smarisi
all from Herault
- Emetha audouini*
Romestand, B.; and Trilles, J. P., 1977, *Ztschr. Parasitenk.*, v. 52 (1), 91-95
Anilocra physodes, *Meinertia oestroides*, *Emetha audouini*, teleost fishes, blood values, anemia, hypertrophy and hypervascularization of spleen
Maena maena (buccaux): Herault, France
- Enderleinellus Fahrenholz*, 1912
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Enderleinellus longiceps*
Britt, D.; and Molyneux, D. H., 1979, *J. Parasitol.*, v. 65 (3), 408
Sciurus carolinensis: Delamere Forest, Cheshire, England
- Entonyssus* sp.
Ishii, A., 1973, *Snake*, v. 5 (1-2), 133-140
Trimeresurus okinavensis (lungs): Amami-oshima, southern Japan
- Entonyssus rileyi* Ewing, 1924, illus.
Pence, D. B.; and Casto, S., 1976, *J. Med. Entom.*, v. 12 (6), 622-624
Entonyssus rileyi, synonymy, redescription, taxonomic status
Crotalus atrox (lung): Millett, LaSalle Co., Texas
- Eomenacanthus stramineus*, illus.
Eichler, W.; and Sixl, W., 1974, *Ang. Parasitol.*, v. 15 (3), 151-156
Eomenacanthus stramineus, adult, scanning electron microscopy

- Eomenacanthus stramineus*
Kumar, A.; et al., 1977, *Indian J. Poultry Sc.*, v. 12 (3), 48-50
Eomenacanthus stramineus, chicks (exper.), sumithion, malathion, dipterex, comparative efficacy, haematology and blood glucose levels
- Episeius* sp.
Volianskii, Iu. E., 1974, *Parazitologiia*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Epitedia faceta* (Rothschild)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Glaucomys volans: Connecticut
- Epitedia jordani*
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus trinotatus: Washington
- Epitedia wenmanni* (Rothschild)
Graves, G. N.; et al., 1974, *J. Med. Entom.*, v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Sigmodon hispidus: Chaves County, New Mexico
- Epitedia wenmanni* (Rothschild)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Tamias striatus: Fort Dix, New Jersey
- Epitedia wenmanni* (Roths.)
Jackson, J. O.; and DeFoliart, G. R., 1976, *J. Med. Entom.*, v. 13 (3), 351-356
fleas, survey of nests of *Peromyscus leucopus*, data for some species on seasonal occurrence, sex ratio, abundance in relation to host sex and nesting activity: southwestern Wisconsin
- Epitedia wenmanni*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Vulpes vulpes
all from Indiana
- Epitedia wenmanni testor* (Rothschild)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Peromyscus leucopus
Microtus pennsylvanicus
Didelphis virginiana
all from Connecticut
- Epitedia w. wenmanni*
Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Didelphis virginiana: southeastern Wisconsin
- Epitedia wenmanni wenmanni* (Rothschild)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Microtus sp.
Sorex obscurus
Sorex sp.
Mustela erminea
all from Alaska
- Epitedia wenmanni wenmanni* (Rothschild)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Clethrionomys gapperi
Peromyscus leucopus
all from Massachusetts
- [*Ergasilus*] *ergazileza*
Bachinskii, V. P., 1969, *Rybn. Khoziaist.*, Kiev (8), 104-106
parasites as possible causes of epizootics in fish: Kremenchugsk reservoir
- Ergasilus* sp.
Armas, G., 1979, *J. Fish Dis.*, v. 2 (6), 543-547
Mugil cephalus (gills): Rio Moche coastal lagoon, northern Peru
- Ergasilus* sp.
Deutsch, W. G., 1977, *Proc. Pennsylvania Acad. Sc.*, v. 51 (2), 122-124
Stizostedion vitreum (gills): Susquehanna River, Pennsylvania
- Ergasilus* sp.
Riley, D. M., 1978, *Tr. Am. Fish. Soc.*, v. 107 (1), 207-212
Lepomis macrochirus
Micropterus salmoides
both from Florida
- Ergasilus arthrosis* n. sp., illus.
Roberts, L. S., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 997-1011
Syns.: *E. versicolor* Wilson, 1911 (partim); *E. versicolor* Wilson, 1916
Ictalurus punctatus: Fairport, Iowa, USA; Clayton, Iowa; western Lake Erie; Lake Pepin (Mississippi River?); Put In Bay, Lake Erie, Ohio
Ictalurus nebulosus: Patterson Lake, Fairport, Iowa; Rogers Creek, Fraser Drainage, British Columbia (?)
Ictalurus natalis
Ictalurus melas: Lily Lake, Kenosha Co., Wisconsin
Alosa chrysochloris: Lake Pepin, Mississippi River
Lepomis spp.: Lake Texoma, Oklahoma
Lepomis macrochirus: Lake Shelby, Baldwin Co., Alabama
- Ergasilus auritus*
Konovalov, S. M.; Shevliakov, A. G.; and Krasin, V. K., 1970, *Parazitologiia*, Leningrad, v. 4 (6), 547-556
parasite fauna of various groups of young *Oncorhynchus nerka*, comparative analysis reveals 3 ecological groups: Lake Azabach'e, Kamchatka river basin
- Ergasilus auritus* Markevich
Lester, R. J. G., 1974, *Syesis*, v. 7, 195-200
Gasterosteus aculeatus (gills, fins): near Vancouver, British Columbia
- Ergasilus caeruleus*
Aliff, J. V.; Smith, D.; and Lucas, H., 1977, *Tr. Am. Micr. Soc.*, v. 96 (1), 145-148
Lepomis auritus
L. macrochirus
all from middle Georgia

- Ergasilus caeruleus* Wilson 1911
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1235-1240
spatial distribution of gill parasites
Lepomis gibbosus
Ambloplites rupestris
all from Ontario
- Ergasilus caeruleus*
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1247-1250
gill parasites of *Lepomis gibbosus*, role of season, habitat, host age, and sex: Ontario, Canada
- Ergasilus caeruleus*
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1251-1253
gill parasites of *Ambloplites rupestris*, role of season, habitat, host age, and sex: Bay of Quinte, and West Lake, Ontario
- Ergasilus celestis* Mueller, 1936, illus.
Roberts, L. S., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 997-1011
redescription, synonymy
Lota lota: Oneida Lake, New York, USA
Anguilla rostrata (gills): Connecticut River, Hadley, Massachusetts, USA
- Ergasilus centrarchidarum* Wright 1882
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1235-1240
spatial distribution of gill parasites
Lepomis gibbosus
Ambloplites rupestris
all from Ontario
- Ergasilus centrarchidarum* Wright 1882
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1244-1246
Cleidodiscus stentor, *Ergasilus centrarchidarum* on *Ambloplites rupestris*, seasonal dynamics and spatial distribution: West Lake and Glenora, Ontario
- Ergasilus centrarchidarum*
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1247-1250
gill parasites of *Lepomis gibbosus*, role of season, habitat, host age, and sex: Ontario Canada
- Ergasilus centrarchidarum*
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1251-1253
gill parasites of *Ambloplites rupestris*, role of season, habitat, host age, and sex: Bay of Quinte, and West Lake, Ontario
- Ergasilus clupeidarum* Johnson & Rogers
Rogers, W. A.; and Hawke, J. P., 1978, *Tr. Am. Micr. Soc.*, v. 97 (2), 244
Dorosoma cepedianum (skin): Tennessee; Alabama
- Ergasilus confusus* Bere, 1931
Tedla, S.; and Fernando, C. H., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 833-843
parasite fauna of *Perca flavescens*, seasonal changes in incidence and intensity
Perca flavescens (gill filaments): Bay of Quinte, Lake Ontario
- Ergasilus elegans* Wilson, 1916
Roberts, L. S., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 997-1011
as syn. of *Ergasilus versicolor* Wilson, 1911
- Ergasilus manicatus*
Bortone, S. A.; Bradley, W. K.; and Oglesby, J. L., 1978, *J. Fish Biol.*, v. 13 (3), 337-350
copepods of *Menidia* spp., incidence, intensity, host-parasite interactions with emphasis on effect of host size, season, habitat, inter- and intraspecific parasite competition on host
Menidia beryllina
M. peninsulæ
all from Pensacola Bay area
- Ergasilus scalaris* Markevich, 1940, illus.
Hanek, J.; and Dulmaa, A., 1970, *Folia Parasitol.*, v. 17 (1), 77-80
brief description
Parasilurus asotus (gills): Mongolia
- Ergasilus shehyangensis* sp. nov., illus.
Wang, K., 1961, Tung Wu Hseuh Pao (*Acta Zool. Sinica*), v. 13 (1-4), 1-10
Mugil sp. (gills): artificial fish-culturing pond, Shehyang Hsien, Kiangsu Province
- Ergasilus sieboldi*
Chernyshenko, A. S., 1966, *Respublik. Mezhdomstv. Sborn.*, Akad. Nauk Ukrain. SSR, s. Biol. Moria, 105-113
ichthyoparasite fauna, extensity and intensity of invasion, species composition
[*Pisces*] *bychok-zelenchak*
[*Pleuronectes flesus*]
all from 4 estuaries, Black Sea (northern coastal region)
- Ergasilus sieboldi* Nordmann, 1832, illus.
Hanek, J.; and Dulmaa, A., 1970, *Folia Parasitol.*, v. 17 (1), 77-80
Esox lucius (gills): Mongolia
- Ergasilus sieboldi* Nordmann
Iziumova, N. A.; Mashtakov, A. V.; and Kashkovskii, V. V., 1977, *Inform. Biul. Inst. Biol. Vnutren. Vod*, Akad. Nauk SSSR (36) 64-68
[*Leuciscus idus*]
[*Pelecus cultratus*]
[*Lucioperca lucioperca*]
[*Esox lucius*]
[*Abramis brama*]
(gills of all): all from Kamsk reservoir
- Ergasilus sieboldi* Nordmann
Iziumova, N. A.; Mashtakov, A. V.; and Timoshechkina, L. G., 1977, *Inform. Biul. Inst. Biol. Vnutren. Vod*, Akad. Nauk SSSR (36), 71-76
[*Abramis brama*]: Chusovaia river; Kamsk reservoir
[*Rutilus rutilus*]: Chusovaia river
- Ergasilus sieboldi*
Linnik, V. Ia.; and Zen'kovich, E. M., 1970, *Nauch. Trudy, Nauchno-Issled. Vet. Inst.*, v. 8, 109-114
[*Tinca tinca*]: Neman river basin
- Ergasilus sieboldi*
Otvodova, G. D., 1975, *Izvest. Gosudarstv. Nauchno-Issled. Inst. Ozer. i Rech. Ryb. Koziastva, Leningrad*, v. 93, 112-116
[*Abramis brama*] (gills): Pskov-Chudskoe lake
- Ergasilus sieboldi* Nordmann, 1832
Wierzbicki, K., 1970, *Acta Parasitol. Polon.*, v. 18 (1-12), 45-55
Perca fluviatilis: Lake Dargin, Mazurian Lakeland, Poland

- Ergasilus sieboldi* Nordmann, 1832
Wita, I., 1974, Acta Parasitol. Polon., v. 22 (35-44), 365-391
Esox lucius (gills): Strengiel, Swiecayty, and Mamry Lakes, Poland
- Ergasilus tumidus* Markevich, 1940, illus.
Haneck, J.; and Dulmaa, A., 1970, Folia Parasitol., v. 17 (1), 77-80
brief description
Acanthorhodeus sp. (gills): Mongolia
- Ergasilus turgidus* Fraser, 1920, illus.
Kabata, Z., 1976, J. Fish. Research Bd. Canada, v. 33 (11), 2507-2525
copepods, description of early larval stages
- Ergasilus versicolor* Wilson, 1911, illus.
Roberts, L. S., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 997-1011
redescription, synonymy
Ictalurus natalis (gills): Lake Maxinkuckee, Indiana, USA; Lost Lake, Culver, Indiana, USA
Ictalurus melas
Ictalurus nebulosus (?)
- Ergasilus versicolor* Wilson, 1911 (partim)
Roberts, L. S., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 997-1011
as syn. of *Ergasilus versicolor* Wilson, 1911
- Ergasilus versicolor* Wilson, 1911 (partim)
Roberts, L. S., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 997-1011
as syn. of *Ergasilus arthrosis* n. sp.
- Ergasilus versicolor* Wilson, 1916
Roberts, L. S., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 997-1011
as syn. of *Ergasilus arthrosis* n. sp.
- Ergasilus versicolor* Wilson, of Mueller, 1936
Roberts, L. S., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 997-1011
(?) as syn. of *Ergasilus celestis* Mueller, 1936
- Esthiopterum abnormis* (Piaget, 1885) in
Harrison, 1916
Martin Mateo, M. P., 1978, Bol. R. Soc. Espan. Hist. Nat., Secc. Biol., v. 75, 1977, 149-159
as syn. of *Halipeurus abnormis* (Piaget, 1885)
- Esthiopterum hypoleucum* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, Graell-Isia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Mulcticola hypoleucus* (Denny, 1842)
- Esthiopterum (Columbicola) macrourae* Wilson, 1941
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
as syn. of *Columbicola macrourae* (Wilson, 1941)
- Esthiopterum (Columbicola) passerinae* Wilson, 1941
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
as syn. of *Columbicola passerinae* (Wilson, 1941)
- Eucampsipoda africanus*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
Rousettus aegypticus: Kenya
- Eudactylina similis* T. Scott, 1902, illus.
Kabata, Z., 1976, J. Fish. Research Bd. Canada, v. 33 (11), 2507-2525
copepods, description of early larval stages
- Euhoplopyllus glacialis affinis* (Baker)
Graves, G. N.; et al., 1974, J. Med. Entom., v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Dipodomys spectabilis
D. merriami
Neotoma micropus
Sigmodon hispidus
Spermophilus spilosoma
Sylvilagus audubonii
all from Chaves County, New Mexico
- Euhoplopyllus glacialis glacialis* (Tasch.)
Cotton, M. J., 1979, Entom. Month. Mag. (1360-1363), v. 113, 1977, 213-217
Lepus timidus: north-east Greenland
- Euhoplopyllus glacialis lynx* (Baker)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Canis lupus
Felis lynx
Vulpes vulpes
Lepus americanus
all from Alaska
- Euhoplopyllus glacialis profugus* Jordan, 1925, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Syn.: *Hoplopyllus glacialis profugus* Jordan, 1925
Lepus capensis: Afghanistan
- Eulaelaps* sp.
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
Apodemus giliacus
Rattus norvegicus
all from Tonden, Sapporo, Hokkaido
- Eulaelaps* sp.
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
+*Oceanodroma leucorhoa* (nests): Daikoku-jima, Hokkaido
- Eulaelaps* sp. 1: Uchikawa, 1970
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps silvaticus* sp. nov.
- Eulaelaps* sp. 2: Uchikawa, 1970
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps vulgaris* sp. nov.
- Eulaelaps* [sp.] mite infesting *Petaurista leucogenys*: Uchikawa, 1976
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *E. arboricola* sp. nov.
- Eulaelaps* [sp.] mite infesting the nests of *Delichon urbica*: Uchikawa, 1976
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps hirundinis* sp. nov.

- Eulaelaps arboricola* sp. nov., illus.
Uchikawa, K., 1978 Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
Syn.: *Eulaelaps* [sp.] mite infesting
Petaurista leucogenys: Uchikawa, 1976
Petaurista leucogenys: Shinshu-Shinmachi, Nagano Prefecture
- Eulaelaps herbosalis* sp. nov., illus.
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
Syns.: *Eulaelaps stabularis*: Uchikawa, 1970; *Eulaelaps stabularis*: Uchikawa & Itoh, 1970
Microtus montebelli: Kirigamine and Hakuba Village, Nagano Prefecture
Urotrichus talpoides: Hakuba Village, Nagano Prefecture
Apodemus speciosus: Hakuba Village, Nagano Prefecture; Mt. Fuji, Yamanashi Prefecture; Yakushima, Kagoshima Prefecture
A. giliacus: Hokkaido
A. speciosus ainu: Maruyama, Sapporo, Hokkaido; Moiwai, Sapporo, Hokkaido
Rattus norvegicus: Nagoya City
Clethrionomys rufocanus bedfordiae: Higashikawa, Kamikawa-shicho, Hokkaido
- Eulaelaps hirundinis* sp. nov., illus.
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
Syn.: *Eulaelaps* [sp.] mite infesting the nests of *Delichon urbica*: Uchikawa, 1976
+*Delichon urbica* (nests): Otari Village, Nagano Prefecture; Hokkaido
- Eulaelaps kolpakovae* Breg.
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Citellus maximus
Allactaga major
A. elater
Meriones tamariscinus
Cricetulus migratorius
Mus musculus
all from Chuisk valley, Kirgiz SSR
- Eulaelaps kolpakovae*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Eulaelaps kolpakovae* Breg.
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]: Tersko-Kumsk territory (North Caucasus)
- Eulaelaps kolpakovae*
Reitblat, A. G.; Kalmykova, N. P.; and Emel'ianov, P. F., 1978, Zool. Zhurnal, v. 57 (11), 1732-1735
mites from nests of suslik, feeding on flea eggs and larvae and blood and albumen, comments on regular feeding habits; possible influence on flea populations
- Eulaelaps silvaticus* sp. nov., illus.
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
Syns.: *Eulaelaps* sp. 1: Uchikawa, 1970; *E. stabularis* group: Uchikawa, 1971
Eothenomys smithi: Mt. Fuji, Yamanashi Prefecture; Tobira, Matsumoto, Nagano Prefecture
Apodemus speciosus ainu: Karikachi Pass, Hokkaido
- Eulaelaps stabularis* (Koch, 1836)
Amanniazova, R. D., 1976, Med. Parazitol. i Parazit. Bolezni, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*; seasonal variation in density and age composition of *Hirtonyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Eulaelaps stabularis* Koch
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Apodemus*]
all from Belorussian Polesia
- Eulaelaps stabularis*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, Parazitologiya, Leningrad, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Eulaelaps stabularis*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Mus musculus
Sorex araneus
Sorex minutus
Crocidura suaveolens
all from Gory Sowie (Middle Sudetes), Poland
- Eulaelaps stabularis* (Koch)
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Didelphis marsupialis
Peromyscus leucopus
Rattus norvegicus
all from Fort Dix, New Jersey
- Eulaelaps stabularis* (C. L. Koch)
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Meriones tamariscinus
Cricetulus migratorius
Mus musculus
Apodemus sylvaticus
Microtus arvalis
all from Chuisk valley, Kirgiz SSR

- Eulaelaps stabularis* C.L. Koch
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Eulaelaps stabularis*
Reitblat, A. G.; Kalmykova, N. P.; and Emel'ianov, P. F., 1978, Zool. Zhurnal, v. 57 (11), 1732-1735
mites from nests of suslik, feeding on flea eggs and larvae and blood and albumen, comments on regular feeding habits; possible influence on flea populations
- Eulaelaps stabularis* (Koch)
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Rattus rattus: Maharashtra State, India
- Eulaelaps stabularis* (C. L. Koch)
Tagil'tsev, A. A., 1971, Parazitologiya, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast
- Eulaelaps stabularis*: Uchikawa, 1969
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps vulgaris* sp. nov.
- Eulaelaps stabularis*: Uchikawa, 1970
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps herbosalis* sp. nov.
- Eulaelaps stabularis*: Uchikawa & Itoh, 1970
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps herbosalis* sp. nov.
- Eulaelaps stabularis* group: Uchikawa, 1971
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps silvaticus* sp. nov.
- Eulaelaps stabularis* group: Uchikawa, 1971
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
as syn. of *Eulaelaps vulgaris* sp. nov.
- Eulaelaps stabularis* (C.L. Koch)
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Eulaelaps stabularis*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus orarius
S. townsendi
(fur of all): all from Oregon
- Eulaelaps stabularis* (Koch, 1836)
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Apodemus sylvaticus: Ortigosa, Logrono;
El Rasillo, Logrono; Villanueva de los Escuderos, Cuenca
Clethrionomys glareolus: Ortigosa, Logrono;
El Rasillo, Logrono
all from Espana
- Eulaelaps stabularis* (C.L. Koch)
Zuevskii, A. P., 1970, Parazitologiya, Leningrad, v. 4 (4), 352-358
seasonal distribution
+*Arvicola terrestris* (nest): Tiimensk oblast
- Eulaelaps vulgaris* sp. nov., illus.
Uchikawa, K., 1978, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 4 (1), 11-26
Syns.: *Eulaelaps* sp. 2: Uchikawa, 1970;
E. stabularis group: Uchikawa, 1971; *E. stabularis*: Uchikawa, 1969
Apodemus argenteus: Mt. Fuji, Yamanashi Prefecture; Kamikochi, Nagano Prefecture; Happa-one, Nagano Prefecture; Mt. Ishizuchi, Shikoku
A. speciosus: Mt. Kirishima, Kyushu
mice: Japan
voles: Japan
dormouse: Japan
- Eulaemobothrion* Ewing, 1929
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rearing, control, collection, preservation, keys, hosts: Poland
- Eulinognathus alactaguli* Blag., 1965, illus.
Cais, L., 1977, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 25 (7), 463-469
description
Alactagulus acontion: southern Kyzyl-Kum, Kazakhstan, USSR
- Eulinognathus euchoreutae* sp. n., illus.
Cais, L., 1977, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 25 (7), 463-469
Euchoreutes naso: province of Sin-kiang, Aksu, Zhamu-tai, China
- Eulinognathus inermis* sp. n., illus.
Cais, L., 1977, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 25 (7), 463-469
Paradipus ctenodactylus: Turtkul, Ajkamys, Uzbekistan, USSR
- Eupterolichus cuculi*, Bauer, 1941
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Euryparasitus* sp.
Whitaker, J. O., jr.; Maser, C.; and Wallace, W. M., 1979, Northwest Sc., v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Euryparasitus davydovae* sp. n., illus.
Bondarchuk, A. S.; and Buiakova, T. G., 1978, Zool. Zhurnal, v. 57 (10), 1575-1578
Clethrionomys rutilus
+*Microtus unguensis* (nest)
Clethrionomys rufocanus
Apodemus spec.
all from environs of Neliaty, Kalarsk region, Chitinsk oblast
- Euryparasitis emarginatus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Sorex araneus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland

- Euryparasitus longicheta* sp. n., illus.
Bondarchuk, A. S.; and Buiakova, T. G., 1978, Zool. Zhurnal, v. 57 (10), 1575-1578
Clethrionomys rutilus: environs of Neliaty and Chara river, Kalarsk region, Chitinsk oblast
Eutamias sibiricus: Chara river, Kalarsk region, Chitinsk oblast
Apodemus spec.: environs of Tungokochen and Usugli, Tungokochensk region, Chitinsk oblast
Cricetulus barabensis: environs of Usugli, Tungokochensk region, Chitinsk oblast
- Eurysilenium* Sars, 1870
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
Herpyllobiidae
description
- Eurysilenium oblongum* Hansen, 1887, illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
synonymy, description
Harmothoe imbricata
Antinoe badia
- Eurysilenium truncatum* Sars, 1870, illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
description
Gattyana cirrosa
Polynoe cirrata
- Euschoengastia* (s.l.)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
- Euschoengastia* sp.
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: Utah
Z. trinotatus: Washington
- Euschoengastia alpina* (Sasa et al., 1954)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Euschoengastia belgicae* Brennan & Yunker
Arnold, K. A., 1970, *Rev. Biol. Trop.*, v. 16 (2), 1968, 259-265
Thryothorus pleurostictus ravus: Costa Rica
- Euschoengastia blarinae* (Ewing)
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*, v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
Sorex cinereus
Blarina brevicauda
all from Douglas Lake region, northern Michigan
- Euschoengastia caveacola* sp. nov., illus.
Wang, C. S.; and Ku, Y. M., 1979, *Acta Entom. Sinica*, v. 22 (1), 93-97
Rattus edwardsi: Kweichow Province, China
- Euschoengastia indica* (Hirst, 1915)
Wang, C. S.; and Ku, Y. M., 1979, *Acta Entom. Sinica*, v. 22 (1), 93-97
Rattus edwardsi: Kweichow Province, China
- Euschoengastia* (s.l.) *megastyrax* Brennan & Jones, 1960
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
Desmodus rotundus: Surinam
- Euschoengastia michiganensis* n. sp., illus.
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*, v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
Tamias striatus: Michigan (Cheboygan Co., 1 mi. NE Univ. Michigan Biol. Station)
Citellus tridecemlineatus: Michigan (1.5 mi. E Univ. Michigan Biol. Station, Cheboygan Co.; Emmet Co., 1.7 mi. E Pellston)
Tamiasciurus hudsonicus: Michigan (Emmet Co., 1.5 mi. N, 1.8 mi. E Pellston)
Microtus pennsylvanicus: Michigan (Emmet Co., 6.1 mi. W Pellston, 2.2 mi. E Pellston)
- Euschoengastia peromysci* (Ewing)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Reithrodontomys humulis
Tamias striatus
all from Fort Dix, New Jersey
- Euschoengastia peromysci*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Mustela frenata
M. nivalis
all from Indiana
- Euschoengastia peromysci* (Ewing)
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*, v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
Tamiasciurus hudsonicus: Douglas Lake region, northern Michigan
- Euschoengastia pipistrelli*
Whitaker, J. O., jr.; and Winter, F. A., 1977, *Tr. Illinois State Acad. Sc.*, v. 70 (3-4), 301-313
Myotis keenii
M. lucifugus
all from Shawnee National Forest, southern Illinois
- Euschoengastia radfordi*
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: Utah
- Euschoengastia setosa* (Ewing)
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*, v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
Peromyscus leucopus
Napaeozapus insignis
all from Douglas Lake region, northern Michigan
- Eutalpaccarus peltatus*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, *Northwest Sc.*, v. 53 (4), 268-273
Neurotrichus gibbsi (fur): Oregon
- Eutrichophilus setosus* (Giebel)
Wilson, N.; and Oliver, G. V., jr., 1979, *Southwest. Entom.*, v. 4 (2), 156-162
Mallophaga from native mammals, new records and review of previous records
Erethizon dorsatum: Texas
- Eutrombicula*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key, key to species from Surinam

- Eutrombicula alfreddugesi* (Oudemans)
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Thryothorus m. modestus
T. pleurostictus rarus
T. rutilus hyperythrus
Thamnophilus bridgesi
all from Costa Rica
- Eutrombicula alfreddugesi* (Oudemans, 1910)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Didelphis marsupialis
Philander opossum
Zygodontomys brevicauda microtinus
Micronycteris megalotis
all from Surinam
- Eutrombicula alfreddugesi* (Oudemans)
Dohany, A. L.; Cromroy, H. L.; and Cole, M. M., 1977, J. Med. Entom., v. 14 (1), 79-81
Eutrombicula alfreddugesi, guinea pigs and cotton rats (*Sigmodon hispidus*), dimethoate, determination of correct dosage for control
- Eutrombicula alfreddugesi*
Mount, G. A.; et al., 1978, J. Econom. Entom., v. 71 (1), 27-28
Eutrombicula alfreddugesi, area control, chlorpyrifos, granules and concentrated sprays compared: Gainesville, Florida
- Eutrombicula alfreddugesi*
Reed, J. T.; Passingham, L. H.; and Grothaus, R. H., 1977, J. Med. Entom., v. 14 (1), 134-135
Eutrombicula alfreddugesi, immediate reduction of chigger populations by forest litter burning, increased numbers of host animals attracted to burned areas greatly reduced impact of initial control
- Eutrombicula alfreddugesi*
Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Eutrombicula alfreddugesi*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Canis latrans
Mustela frenata
all from Indiana
- Eutrombicula alfreddugesi*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Eutrombicula batatas* (Linn.)
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Tapera naevia: Costa Rica
- Eutrombicula batatas* (Linnaeus, 1758)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Didelphis marsupialis
Philander opossum
Rattus frugivorus
Herpestes auropunctatus
Rattus norvegicus
Troglodytes aedon
Columbigallina talpacoti
Tachyphonus rufus
Turdus leucomelas
Caluromys philander
Eptesicus melanopterus
all from Surinam
- Eutrombicula goeldii* (Oudemans)
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Thryothorus rufalbus castanonotus
Formicarius analis umbrosus
all from Costa Rica
- Eutrombicula goeldii* (Oudemans, 1910)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Didelphis marsupialis: Surinam
Caluromys philander: Surinam
Zygodontomys brevicauda microtinus: Surinam
Marmosa sp.: Surinam
Tropidurus torquatus: Surinam
Peropteryx kappleri: French Guiana
- Eutrombicula hirsti*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Sus scrofa (dorsal body): Papua New Guinea
- Eutrombicula pacae* (Floch & Fauran, 1957)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Proechimys guyannensis
Turdus leucomelas
Caluromys philander
Artibeus lituratus
all from Surinam
- Eutrombicula splendens* (Ewing)
Wrenn, W. J., 1974, J. Kansas Entom. Soc., v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
Thamnophis sauritus
T. sirtalis
all from Douglas Lake region, northern Michigan
- Eutrombicula tinami* (Oudemans, 1910)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Eutrombicula tropica* (Ewing, 1925)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Didelphis marsupialis
Philander opossum
Tupinambis nigropunctatus
Ameiva ameiva
Crotophaga ani
Micronycteris megalotis
all from Surinam
- Eutrombicula wichmanni*
Rijksen, H. D., 1978, Mededel. Landbouwhogeschool, Wageningen, v. 78 (2), 420 pp.
Pongo pygmaeus abelii: Ketambe area, Sumatra
- Eviphis* sp.
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae: Tonden, Sapporo, Hokkaido

- Eviphis ostrinus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Sorex araneus: Gory Sowie (Middle Sudetes),
Poland
- Ewingana Radford*, 1948
Uchikawa, K., 1978, *Annot. Zool. Japon.*, v. 51
(3), 186-191
description
- Ewingana (Doreyana) crinita* sp. n., illus.
Dusbabek, F.; and Lukoschus, F., 1971, *Folia
Parasitol.*, v. 18 (4), 337-345
Molossus molossus: Paramaribo and Lelydorp,
Surinam
- Ewingana (Ewingana) molossi* Dusbabek, 1968
Dusbabek, F.; and Lukoschus, F., 1971, *Folia
Parasitol.*, v. 18 (4), 337-345
Molossus molossus: Paramaribo and Lelydorp,
Surinam
M. ater: Lelydorp, Surinam
- Ewingana (Mormomyobia) yoshikurai* sp. nov.,
illus.
Uchikawa, K., 1978, *Annot. Zool. Japon.*, v. 51
(3), 186-191
Tadarida teniotis insignis: Kumamoto City,
Japan
- Ewingia potamona* n. sp., illus.
Kaneko, K.; and Kadosaka, T., 1978, *Eisei
Dobutsu (Japan. J. San. Zool.)*, v. 29 (4),
313-315
Potamon dehaani (gills): Aichi-Pref.,
Japan
- Expletobia* sg. n.
Dusbabek, F.; and Lukoschus, F., 1971, *Folia
Parasitol.*, v. 18 (4), 337-345
subg. of *Ugandobia*
tod: *Ugandobia (Expletobia) procera* sp. n.
- Eyndhovenia euryalis* (Canestrini, 1884) Rud-
nick, 1960
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
as syn. of *Eyndhovenia euryalis euryalis*
(Canestrini, 1884)
- Eyndhovenia euryalis* (Canestrini, 1884) Rudnick,
1960
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
as syn. of *E. euryalis cornuti* subsp. nov.
- Eyndhovenia euryalis* (Canestrini, 1884) Rudnick,
1960
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
as syn. of *Eyndhovenia euryalis oudemansi*
(Eyndhoven, 1941)
- Eyndhovenia euryalis* subsp.
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
as syn. of *E. euryalis cornuti* subsp. nov.
- Eyndhovenia euryalis ahi* Baker et Delfinado,
1964
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
as syn. of *Eyndhovenia euryalis oudemansi*
(Eyndhoven, 1941)
- Eyndhovenia euryalis cornuti* subsp. nov., illus.
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
Syns.: *E. euryalis* (Canestrini, 1884) Rud-
nick, 1960; *E. euryalis euryalis*: Baker &
Delfinado, 1964; *E. euryalis* subsp.: Uchika-
wa, 1975
Rhinolophus cornutus: Shojo-do, Kashiwazaki,
Niigata Pref.; Otari, Nagano Pref.; Nagano,
Nagano Pref.; Kochi Pref.; Miyazaki Pref.;
and Tokunoshima, Kagoshima Pref.; Shima-
shima-dani, Nagano Pref.; Chitose,
Hokkaido; Tsushima, Nagasaki Pref.; Nara
Pref., Japan
Rhinolophus sp.: Iriomote, Okinawa Pref.,
Japan
- Eyndhovenia euryalis euryalis* (Canestrini,
1884), illus.
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
description
Syn.: *E. euryalis* (Canestrini, 1884) Rud-
nick, 1960
Rhinolophus euryale: Czechoslovakia; Zin-
zulusa; Olevano
Miniopterus schreibersii: Zinzulusa
Rhinolophus mehelyi: Zinzulusa
- Eyndhovenia euryalis euryalis*: Baker & Delfin-
ado, 1964
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
as syn. of *E. euryalis cornuti* subsp. nov.
- Eyndhovenia euryalis oudemansi* (Eyndhoven,
1941), illus.
Uchikawa, K.; and Dusbabek, F., 1978, *Bull.
National Sc. Mus.*, Tokyo, s. A, Zool., v. 4
(4), 245-261
synonymy, description
Rhinolophus ferrumequinum: Czechoslovakia;
France
R. ferrumequinum subsp.: Japan
- Falculifer rostratus*
Carneiro, J. R.; et al., 1975, *Rev. Patol.
Trop.*, v. 4 (1), 39-41
Columbia livia domestica: Goiania, Brazil
- Fannia canicularis*, illus.
Kremer, M.; Rebholtz, C.; and Delecolle, J.
C., 1979, *Ann. Parasitol.*, v. 54 (2), 243-246
Fannia spp. larvae collected from urine of
patient but under circumstances which did
not permit verification of urinary myiasis;
differential characters for the 3 species
- Fannia manicata*, illus.
Kremer, M.; Rebholtz, C.; and Delecolle, J.
C., 1979, *Ann. Parasitol.*, v. 54 (2), 243-246
Fannia spp. larvae collected from urine of
patient but under circumstances which did
not permit verification of urinary myiasis;
differential characters for the 3 species
- Fannia scalaris*, illus.
Kremer, M.; Rebholtz, C.; and Delecolle, J.
C., 1979, *Ann. Parasitol.*, v. 54 (2), 243-246
Fannia spp. larvae collected from urine of
patient but under circumstances which did
not permit verification of urinary myiasis;
differential characters for the 3 species

- Fannia scalaris*, *illus.*
Leclercq, M.; and Laurent, P., 1973, Rev. Med. Liege, v. 28 (1), 27-28
Fannia scalaris larvae causing rectal myiasis in man, case report, general clinical review of types of myiasis: Belgium
- Fannia scalaris*, *illus.*
Varkonyi, A.; Megyeri, P.; and Ilyes, M., 1979, Orvosi Hetilap, v. 120 (46), 2807-2808
Fannia scalaris, man, intestinal myiasis, case report
- Fauranius*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Fauranius atecmartus* Brennan & Lukoschus, 1971
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Felicola* Ewing, 1929
Zlotorzycska, J., 1972, Klucze Oznac. Owad. Polski (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Felicola subrostratus* (Nitzsch), *illus.*
Eduardo, S. L.; et al., 1977, Philippine J. Vet. Med., v. 16 (1-2), 69-70
description, measurements
native cat: Philippines
- Felicola subrostratus*
Munro, R., 1978, Fiji Agric. J., v. 40 (2), 91-96
cats: Fiji
- Felistrophorus radovskyi* (Tenorio), *illus.*
Fox, I.; and de Leon, D., 1979, J. Agric. Univ. Puerto Rico, v. 63 (1), 84-86
Felis catus
Mus musculus
all from School of Tropical Medicine Animal House, San Juan, Puerto Rico
- Fleas**
Bibikova, V. A.; and Klassovskii, L. N., 1972, Parazitologiya, Leningrad, v. 6 (3), 229-236
development of plague microbe in fleas, literature review with some original studies
- Fleas**
Carpenter, J. W.; and Hillman, C. N., 1979, Ann. Proc., Am. Ass. Zoo Vet., 36-47
Mustela nigripes: South Dakota, transported to Patuxent Wildlife Research Center, Laurel, Maryland
- Fleas**
Cole, M. M.; et al., 1976, J. Med. Entom., v. 12 (6), 625-630
rodent fleas, dichlorvos impregnated in granules coated with rodent bait evaluated as vapor toxicant for flea control, field tests, effective flea control on *Dipodomys spectabilis* probably due to its habit of storing food in its burrow: southeast New Mexico
- Fleas**
Farhang-Azad, A., 1972, Parazitologiya, Leningrad, v. 6 (6), 513-521
flea fauna of Iran, systematic list, distribution within 11 provinces, known occurrence on mammalian hosts
- Fleas**
Frazier, C. A., 1973, Arch. Dermat., Chicago, v. 107 (3), 400-402
biting insects, survey of types of allergic reactions in man and results of hyposensitization
- Fleas**
Jurik, M., 1978, Acta Univ. Agric., Fac. Agronom., Brno, v. 26 (1), 111-116
fleas, ecological factors contributing to suitability of individual bird species as hosts
- Fleas**
Kibble, R., 1979, Austral. Vet. J., v. 55 (1), 40-41 [Letter]
fleas, ticks, dogs, DDVP and propoxur-impregnated collars, recommendations: Australia
- Fleas**
Kieffer, M.; Kristensen, S.; and Hallas, T. E., 1979, Ugeskr. Laeger, v. 141 (49), 3363-3367
ectoparasites of dogs and cats, cause of pruritic lesions in human owners, diagnosis, clinical findings, case reports, control measures: Denmark
- Fleas**
Kir'iakova, A. N., 1973, Parazitologiya, Leningrad, v. 7 (3), 261-263
fleas, longevity in burrows, review
- Fleas**
Miller, B. E.; et al., 1978, J. Med. Entom., v. 14 (6), 651-661
flea control on rodents and rabbits, evaluation of 7 organophosphates as oral systemics, open-field and enclosure tests: southeastern New Mexico
- Fleas**
Nesbitt, G. H.; and Schmitz, J. A., 1978, J. Am. Vet. Med. Ass., v. 173 (3), 282-288
fleabite allergic dermatitis, review and survey of 330 cases, dogs, clinical signs, diagnosis, histopathology, treatment program (break flea life cycle, minimize infestation of all animals in household using insecticidal dips, baths, and collars, hyposensitization with flea antigen)
- Fleas**
Thorson, T. E., 1979, J. Zoo Animal Med., v. 10 (1), 30
flea bite allergic dermatitis, *Vulpes fulva*, house pet, successful treatment with hyposensitization and flea control, case report
- Fleas**
Twigg, G. I., 1978, Mammal Rev., v. 8 (3), 77-110
role of rodents in plague dissemination, review, includes brief discussion of flea vectors
- Fleas**
Yekutieli, P., 1979, Israel J. Med. Sc., v. 15 (12), 976-982
infective diseases in Israel, changing patterns over 30 years, includes malaria, leishmaniasis, tick and flea borne infections
- Flies**
Waters, K. S., 1978, Queensland Agric. J., v. 104 (3), 215-225
control of buffalo flies on cattle using back rubber charged with ethion, good results, directions for making and maintaining

- Foliomyobia chiropteralis* Radford, 1953
Fain, A., 1976, *Biol. Jaarb.*, Gent, v. 44, 143-162
as syn. of *Neomyobia chiropteralis* (Michael, 1884)
- Fonsecia* sp.
Baker, R. H., 1969, *Misc. Publication* (51), Univ. Kansas, *Mus. Nat. Hist.*, 177-232
 Sigmodon leucotis: near Hacienda Coyotes
- Fonsecia gurneyi* (Ewing)
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*, v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
 Thamnophis sirtalis
 Peromyscus leucopus
all from Douglas Lake region, northern Michigan
- Formicaphagus* sp.
Jakob, W. L.; and Eads, R. B., 1979, *Mosquito News*, v. 39 (1), 137
 Formicaphagus sp. from Ecuador and Brazil and *Formicicola* sp. from Ecuador, phoretic relationship with *Culex* spp.
- Formicicola* sp.
Jakob, W. L.; and Eads, R. B., 1979, *Mosquito News*, v. 39 (1), 137
 Formicaphagus sp. from Ecuador and Brazil and *Formicicola* sp. from Ecuador, phoretic relationship with *Culex* spp.
- Frontopsylla*
Goncharov, A. I., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 369-373
 Leptopsyllidae
- Frontopsylla* Wagner and Ioff, 1926
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 Leptopsyllidae, Amphipsyllinae, key
 key to subgenera, Afghanistan
- Frontopsylla* s. str. Wagner and Ioff, 1949
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 subgen. of *Frontopsylla*, key
 key to species, Afghanistan
- Frontopsylla* (Profrontia) *ambigua* Fedina, 1946, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 key
 Apodemus sylvaticus
 Crocidura russula
 Rattus rattoides
 Calomyscus bailwardi
 Microtus arvalis
all from Afghanistan
- Frontopsylla* (Profrontia) *ambigua* Fedina 1946
Smit, F. G. A. M., 1977, *Senckenbergiana Biol.*, v. 58 (1-2), 45-53
 Apodemus sylvaticus
 Mus musculus
all from Kashmir
- Frontopsylla* (Profrontia) *ambigua* Fedina, 1946
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
 Apodemus sylvaticus: Dhaulagiri region of western Nepal
- Frontopsylla* (Orfrontia) *cornuta* Ioff, 1946, illus.
Lewis, R. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 523-530
 redescription
 +*Delichon urbica cashmirensis* (nests): 26 km NNW of Num, Sankhuwa Sabha District, eastern Nepal
- Frontopsylla* (*Frontopsylla*) *diqingensis* Li & Hsieh, 1974
Lewis, R. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 523-530
 status discussed
 Syn.: *Frontopsylla spadix gorkha* Smit, 1975
 Rattus eha: Sankhuwa Sabha District, eastern Nepal
- Frontopsylla elata*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
 +*Alticola strelzovi* (nest): south-eastern Altai
- Frontopsylla elata popovi* Leb., 1953
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
 [*Neomys*]
 [*Sorex macropygmaeus*]
 Ochotona pusilla
all from northeastern Kazakhstan
- Frontopsylla* (*Frontopsylla*) *elatoides* Wagner, 1928, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 key
- Frontopsylla elatoides* Wagn. (1929)
Voronova, G. A.; and Feoktistov, A. Z., 1978, *Zhurnal Mikrobiol., Epidemiol. i Immunobiol.* (2), 97-100
 fleas, *Yersinia pestis* subcultures isolated
- Frontopsylla elatoides elatoides* Wagn., 1929
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
 [*Mustela eversmanni*]: northeastern Kazakhstan
- Frontopsylla elatoides longa*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
 +*Alticola strelzovi* (nest): south-eastern Altai
- Frontopsylla elatoides longa* Mik, 1958
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
 [*Alticola strelzovi*]: northeastern Kazakhstan
- Frontopsylla* (Orfrontia) *frontalis alatau* Fedina, 1946, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
- Frontopsylla frontalis alatau* Fed., 1946
Shevchenko, V. L.; et al., 1976, *Med. Parazitol. i Parazitar. Bolezni*, v. 45 (1), 49-52
 Frontopsylla frontalis alatau, transmission of plague among rodents, laboratory conditions
- Frontopsylla frontalis baikal*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
 +*Alticola strelzovi* (nest): south-eastern Altai

- Frontopsylla hetera*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
+*Alticola strelzovi* (nest): south-eastern Altai
- Frontopsylla hetera*
Voronova, G. A.; and Feoktistov, A. Z., 1978, *Zhurnal Mikrobiol., Epidemiol. i Immunobiol.* (2), 97-100
fleas, *Yersinia pestis* subcultures isolated
- Frontopsylla (Frontopsylla) hollandi* n. sp., *illus.*
Lewis, R. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 523-530
Apodemus sylvaticus: Ghilinggaon, Mustang District, Nepal
Alticola stoliczkanus: near Jomosom, Mustang District, Nepal
- Frontopsylla (Orfrontia) lapponica* Nordb., 1935
Skalon, O. I., 1977, *Zool. Zhurnal*, v. 56 (12), 1820-1825
fleas of *Riparia riparia*, geographic range: Eurasia
- Frontopsylla lapponica* (Nordb.)
Ulmanen, I., 1979, *Notulae Entom.*, v. 59 (1), 29-32
+*Riparia riparia* (nests): Finland and northern Sweden
- Frontopsylla luculenta luculenta* I. et R.
Zonov, G. B.; and Iakuba, V. N., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 289-290
ectoparasites found in uninhabited tree hollows, possible places of contact with hosts: focus of tick-borne encephalitis in Pred-baikal
- Frontopsylla (Frontopsylla) mutata* Jordan, 1944, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Meriones persicus
Ochotona rufescens
Apodemus sylvaticus
Cricetulus migratorius
Vulpes vulpes
Rattus rattoides
all from Afghanistan
- Frontopsylla (Profrontia) ornata* Tiflov, 1937, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
- Frontopsylla (Frontopsylla) spadix* (J. & R., 1921), *illus.*
Lewis, R. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 523-530
synonymy, status discussed
Rattus turkestanicus
R. eha
Apodemus sylvaticus
A. flavicollis
Mus musculus
Rattus rattus
Pitymys sikimensis
all from Nepal
- Frontopsylla spadix cansa* Jordan, 1932
Lewis, R. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 523-530
as syn. of *Frontopsylla (Frontopsylla) spadix* (J. & R., 1921)
- Frontopsylla (Frontopsylla) spadix diqiengensis*
Li & Hsieh, 1974
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Apodemus sylvaticus
Mus musculus homourus
Apodemus gorkha
Alticola stoliczkanus
Pitymys sikimensis
Rattus rattoides
all from Dhaulagiri region of western Nepal
- Frontopsylla spadix gorkha* Smit, 1975
Lewis, R. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 523-530
as syn. of *Frontopsylla (Frontopsylla) diqiengensis* Li & Hsieh, 1974
- Frontopsylla tomentosa* new species, *illus.*
Xie, B. Q.; and Cai, L. Y., 1979, *Acta Entom. Sinica*, v. 22 (3), 355-356
Apodemus latronum
Marmota himalayana
all from China
- Gabucinia meropsi*, Gaud et Mouchet; Gaud et Till. 1961
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92 (4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Gahrliopia (Schoengastiella) sp. nov.*
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Mus platythrix: Maharashtra State, India
- Gahrliopia (G.) agrariusia* (Hsu et al., 1965)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Gahrliopia (G.) chekiangensis* (Chu, 1964)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Gahrliopia (Walchia) chinensis* Chen et Hsu, 1955
Wang, C. S.; and Ku, Y. M., 1979, *Acta Entom. Sinica*, v. 22 (1), 93-97
Rattus norvegicus
R. flavipectus
all from Kweichow Province, China
- Gahrliopia (Walchia) chinensis* var. *oligosetosa*
Chen et Hsu, 1955
Wang, C. S.; and Ku, Y. M., 1979, *Acta Entom. Sinica*, v. 22 (1), 93-97
Rattus norvegicus
R. flavipectus
all from Kweichow Province, China
- Gahrliopia disparunguis*
Goff, M. L., 1979, *Pacific Insects*, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Rattus sp. (ear, ear fringe, ear tragus)
R. leucopus (ear)
R. ruber (ear, ear fringe, ear tragus, perianal)
R. sordidus (ear)
Hydromys chrysogaster
all from Papua New Guinea

- Gahrlepiea (*Gahrlepiea*) *kiangsiensis* Hsu, Hsu et Wen, 1965
Wang, C. S.; and Ku, Y. M., 1979, Acta Entom. Sinica, v. 22 (1), 93-97
Rattus norvegicus
R. flavipectus
all from Kweichow Province, China
- Gahrlepiea (*Schoengastiella*) *ligula* Radford
Srivastva, S. P.; and Watal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Mus platythrix
Rattus meltaida meltaida
R. rattus
Suncus murinus
Tatera indica
Mus musculus
all from Maharashtra State, India
- Gahrlepiea *morobienis*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Leptomys elegans (intranasal)
Melomys sp. (intranasal)
M. levipes (intranasal)
M. moncktoni (intranasal)
M. platyops (intranasal)
Paraleptomys wilbelina (intranasal)
Pogonomelomys sp. (intranasal)
Rattus leucopus (intranasal)
R. niobe (intranasal)
R. ruber (intranasal)
Melomys lorentzi
all from Papua New Guinea
- Gahrlepiea (*Walchia*) *neoinensis* Hsu et Wen, 1956
Wang, C. S.; and Ku, Y. M., 1979, Acta Entom. Sinica, v. 22 (1), 93-97
Rattus losea: Kweichow Province, China
- Gahrlepiea (*Walchia*) *parapacificica* Chen et al., 1956
Wang, C. S.; and Ku, Y. M., 1979, Acta Entom. Sinica, v. 22 (1), 93-97
Rattus losea
R. flavipectus
R. norvegicus
Crocidura attenuata
all from Kweichow Province, China
- Gahrlepiea (*Schoengastiella*) *punctata* Radford
Srivastva, S. P.; and Watal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Rattus meltaida meltaida
R. rattus
all from Maharashtra State, India
- Gahrlepiea (*G.*) *saduski* (Womersley, 1952)
Chen, H. P., 1978, Acta Entom. Sinica, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Gahrlepiea *saduski*
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Pentalagus furnessi
Tokudais ohimensis
Rattus rattus
all from Amami Island, Japan
- Gahrlepiea *traubaudyi*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp. (intranasal): Papua New Guinea
- Gallacanthus kaddoui* Eichler & Mey, 1978 [nomen nudum]
Mey, E., 1978, Ang. Parasitol., v. 19 (1), 19-20
Myrsidea cornicis, *Gallacanthus kaddoui*, drinking of eye secretions of bird hosts
Pavo cristatus: Bagdad
- Gallacanthus kaddoui* nov. spec. illus.
Eichler, W. and Mey, E., 1978, Mitt. Zool. Mus. Berlin, v. 54 (1), 181-184
Pavo cristatus: Bagdad, Iraq
- Gamasodes spiniger* (Traeg.)
Volianskii, Iu. E., 1974, Parazitologia, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa south-eastern Ukraine
- Gasterophilus*
Delak, M., 1977, Vet. Arhiv, Zagreb, v. 47 (5), 231-238
Gasterophilus larvae, horses, percutaneous application of trichlorophen and neugvon
- Gasterophilus*
Talanov, G. A.; and Nikolaev, P. I., 1978, Veterinariia, Moskva (9), 59-60
Parascaris, [Strongylata], *Gasterophilus*, horses, use of chlorophos and amidophos: Iakutsk ASSR
- Gasterophilus* spp.
Colglazier, M. L., 1979, Am. J. Vet. Research, v. 40 (3), 384-386
gastrointestinal helminths and stomach bots, ponies, critical trials with oxfendazole and cavitophos; observations on spontaneous elimination of small strongylids prior to treatment: Maryland
- Gasterophilus* spp.
Grieve, R. B.; Moore, B. G.; and Bradley, R. E., 1979, Am. J. Vet. Research, v. 40 (1), 139-141
gastrointestinal parasites, horses and ponies, critical test evaluation of butamisol, compared with efficacy of piperazine-thiabendazole
- Gasterophilus* spp.
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Gastrophilus haemorrhoidalis*
Azimov, Sh. A.; Enileeva, N. Kh.; and Ishmirzaev, B. R., 1977, Veterinariia, Moskva (7), 56-57
Gastrophilus spp. in horses, chlorophos granules in feed for control: Uzbekistan

- Gasterophilus haemorrhoidalis* (Linnaeus, 1758)
Dorzh, C.; and Minar, J., 1971, *Folia Parasitol.*, v. 18 (2), 161-164
degree of infestation
Equus caballus (pharynx, duodenum): Mongolian People's Republic
- Gasterophilus haemorrhoidalis*
Rastegazev, Iu. M., 1978, *Vestnik Sel'skokhoz. Nauki Kazakhstana* (3), 73-76
myiasis, helminths, horses, chlorophos, amidophos, economic effectiveness of treatment: northern Kazakhstan
- Gasterophilus inermis*, *illus.*
Agosti, M.; and Galmozzi, G., 1979, *Clin. Vet.*, Milano, v. 102 (6-7), 494-497
Gasterophilus inermis, horse, rectal myiasis, case report
- Gasterophilus inermis*
Azimov, Sh. A.; Enileeva, N. Kh.; and Ishmirzaev, B. R., 1977, *Veterinariia, Moskva* (7), 56-57
Gasterophilus spp. in horses, chlorophos granules in feed for control: Uzbekistan
- Gasterophilus intestinalis*
Azimov, Sh. A.; Enileeva, N. Kh.; and Ishmirzaev, B. R., 1977, *Veterinariia, Moskva* (7), 56-57
Gasterophilus spp. in horses, chlorophos granules in feed for control: Uzbekistan
- Gasterophilus intestinalis*
Cairns, G. C.; and Holmden, J. H., 1977, *N. Zealand Vet. J.*, v. 25 (1-2), 35-37
cambendazole, efficacy against horse parasites
- Gasterophilus intestinalis* (DeGeer, 1776)
Dorzh, C.; and Minar, J., 1971, *Folia Parasitol.*, v. 18 (2), 161-164
degree of infestation
Equus caballus (stomach): Mongolian People's Republic
- Gasterophilus intestinalis*
Drudge, J. H.; et al., 1979, *Am. J. Vet. Research*, v. 40 (6), 758-761
Parascaris equorum and other horse parasites, oxbendazole, critical tests and clinical trials; febantel paste
- Gasterophilus intestinalis*
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1978, *Am. J. Vet. Research*, v. 39 (9), 1419-1421
nematodes, bots, horses, febantel, activity of paste formulation alone or with trichlorfon paste, critical tests
- Gasterophilus intestinalis*
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1978, *J. Equine Med. and Surg.*, v. 2 (1), 22-26
nematodes, cestodes, horses, controlled tests and clinical trials with suspension and granule formulations of fenbendazole highly effective; dose rate of 10 mg/kg inadequate for effective control of *Strongyloides westeri*; no activity on *Gasterophilus* spp., *Habronema* spp., *Draschia*, *Anoplocephala* spp.
- Gasterophilus intestinalis*
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1979, *J. Equine Med. and Surg.*, v. 3 (3), 135-140
parasites, horses, critical tests with febantel alone or in combination with trichlorfon
- Gasterophilus intestinalis*
Knapp, F. W.; et al., 1979, *Ann. Entom. Soc. Am.*, v. 72 (3), 331-333
Gasterophilus intestinalis 3rd instars artificially removed from stomachs of horses at various times of year, viability and maturation potential, effect of holding temperatures, humidity, and instar maturity on rate of development and percent pupation and eclosion
- Gasterophilus intestinalis*
Muyllé, E.; Oyaert, W.; and Rogiers, M., 1979, *Vlaams Diergeneesk. Tijdschr.*, v. 48 (4), 279-282
Gasterophilus intestinalis larvae, horses, mebendazole + trichlorfon paste, endoscopic assessment of efficacy
- Gasterophilus intestinalis*
Panitz, E., 1978, *Vet. Parasitol.*, v. 4 (2), 161-166
Gasterophilus intestinalis, *G. nasalis*, seasonal prevalence and infection dynamics in horses in the Mid-Atlantic United States
- Gasterophilus intestinalis*
Prieto, R.; Cueto, J.; and Rivera, E., 1978, *Rev. Cubana Cienc. Vet.*, v. 9 (1), 15-23
Gasterophilus spp., horses, monthly dynamics, influence of different climatic factors: Havana province, Cuba
- Gasterophilus intestinalis*
Rastegazev, Iu. M., 1978, *Vestnik Sel'skokhoz. Nauki Kazakhstana* (3), 73-76
myiasis, helminths, horses, chlorophos, amidophos, economic effectiveness of treatment: northern Kazakhstan
- Gasterophilus intestinalis* (deGeer, 1776), *illus.*
Shestad, D. K., 1978, *J. Am. Vet. Med. Ass.*, v. 172 (3), 310-313
Gasterophilus intestinalis larvae, horses (stomach), scanning electron microscopy of lesions
- Gasterophilus nasalis*
Cairns, G. C.; and Holmden, J. H., 1977, *N. Zealand Vet. J.*, v. 25 (1-2), 35-37
cambendazole, efficacy against horse parasites
- Gasterophilus nasalis* (Linnaeus, 1761)
Dorzh, C.; and Minar, J., 1971, *Folia Parasitol.*, v. 18 (2), 161-164
degree of infestation
Equus caballus (duodenum): Mongolian People's Republic
- Gasterophilus nasalis*
Drudge, J. H.; et al., 1979, *Am. J. Vet. Research*, v. 40 (6), 758-761
Parascaris equorum and other horse parasites, oxbendazole, critical tests and clinical trials; febantel paste

- Gasterophilus nasalis*
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1978, *Am. J. Vet. Research*, v. 39 (9), 1419-1421
nematodes, bots, horses, febantal, activity of paste formulation alone or with trichlorfon paste, critical tests
- Gasterophilus nasalis*
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1978, *J. Equine Med. and Surg.*, v. 2 (1), 22-26
nematodes, cestodes, horses, controlled tests and clinical trials with suspension and granule formulations of fenbendazole highly effective; dose rate of 10 mg/kg inadequate for effective control of *Strongyloides westeri*; no activity on *Gasterophilus* spp., *Habronema* spp., *Draschia*, *Anoplocephala* spp.
- Gasterophilus nasalis*
Drudge, J. H.; Lyons, E. T.; and Tolliver, S. C., 1979, *J. Equine Med. and Surg.*, v. 3 (3), 135-140
parasites, horses, critical tests with febantel alone or in combination with trichlorfon
- Gastrophilus nasalis*
Panitz, E., 1978, *Vet. Parasitol.*, v. 4 (2), 161-166
Gastrophilus intestinalis, *G. nasalis*, seasonal prevalence and infection dynamics in horses in the Mid-Atlantic United States
- Gasterophilus nasalis*
Prieto, R.; Cueto, J.; and Rivera, E., 1978, *Rev. Cubana Cien. Vet.*, v. 9 (1), 15-23
Gasterophilus spp., horses, monthly dynamics, influence of different climatic factors: Havana province, Cuba
- Gasterophilus nasalis*
Rastegaev, Iu. M., 1978, *Vestnik Sel'skokhoz. Nauki Kazakhstana* (3), 73-76
myiasis, helminths, horses, chlorophos, amidophos, economic effectiveness of treatment: northern Kazakhstan
- Gastrophilus nigricornis*
Azimov, Sh. A.; Enileeva, N. Kh.; and Ishmirzaev, B. R., 1977, *Veterinariia*, Moskva (7), 56-57
Gastrophilus spp. in horses, chlorophos granules in feed for control: Uzbekistan
- Gasterophilus nigricornis* (Loew, 1863)
Dorzh, C.; and Minar, J., 1971, *Folia Parasitol.*, v. 18 (2), 161-164
degree of infestation
Equus caballus: Mongolian People's Republic
- Gastrophilus pecorum*
Azimov, Sh. A.; Enileeva, N. Kh.; and Ishmirzaev, B. R., 1977, *Veterinariia*, Moskva (7), 56-57
Gastrophilus spp. in horses, chlorophos granules in feed for control: Uzbekistan
- Gastrophilus pecorum* (Fabricius, 1794)
Dorzh, C.; and Minar, J., 1971, *Folia Parasitol.*, v. 18 (2), 161-164
degree of infestation
Equus caballus (pharynx, stomach): Mongolian People's Republic
- Gastrophilus pecorum*
Rastegaev, Iu. M., 1978, *Vestnik Sel'skokhoz. Nauki Kazakhstana* (3), 73-76
myiasis, helminths, horses, chlorophos, amidophos, economic effectiveness of treatment: northern Kazakhstan
- Gastrophilus veterinus*
Azimov, Sh. A.; Enileeva, N. Kh.; and Ishmirzaev, B. R., 1977, *Veterinariia*, Moskva (7), 56-57
Gastrophilus spp. in horses, chlorophos granules in feed for control: Uzbekistan
- Gastrophilus*. See *Gasterophilus*.
- Geckobiella texana* Banks
Mather, C. M., 1979, *Texas J. Sc.*, v. 31 (1), 103
Sceloporus undulatus
S. variabilis
both from Uvalde County, Texas
- Geholaspis alpinus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus: Gory Sowie (Middle Sudetes), Poland
- Geholaspis longispinosus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle Sudetes), Poland
- Geomydoecus Ewing*
Price, R. D.; and Hellenenthal, R. A., 1976, *J. Med. Entom.*, v. 12 (6), 695-700
modified key to species
- Geomydoecus chapini* Werneck, 1945, illus.
Price, R. D.; and Hellenenthal, R. A., 1976, *J. Med. Entom.*, v. 12 (6), 695-700
Geomydoecus chapini, redescription, key, distribution
+*Geomys (personatus) tropicalis*, "erroneous host": Tabasco, Mexico
Orthogeomys hispidus chiapensis or *O. hispidus teapensis*: Chiapas and Tabasco, Mexico
- Geomydoecus chiapensis* Price & Emerson, 1971
Price, R. D.; and Hellenenthal, R. A., 1976, *J. Med. Entom.*, v. 12 (6), 695-700
distribution
Orthogeomys g. grandis
O. grandis latifrons
O. grandis pygacanthus
all from Central America
- Geomydoecus copei* Werneck, 1945, illus.
Price, R. D.; and Hellenenthal, R. A., 1976, *J. Med. Entom.*, v. 12 (6), 695-700
Geomydoecus copei, redescription, key, distribution
Orthogeomys hispidus torridus: Veracruz, Mexico
O. hispidus concavus: San Luis Potosi and Queretaro, Mexico
O. hispidus hispidus: Puebla and Veracruz, Mexico
O. hispidus negatus: Tamaulipas, Mexico
- Geomydoecus dalgleishi* n. sp., illus.
Timm, R. M.; and Price, R. D., 1979, *J. Kansas Entom. Soc.*, v. 52 (2), 264-268
Geomys personatus fuscus: Fort Clark (Brackettville), Kinney Co., Texas

- Geomydoecus ewingi* Price & Emerson
Wilson, N.; and Oliver, G. V., jr., 1979,
Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records
and review of previous records
Geomys bursarius: Texas
- Geomydoecus expansa*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus expansus* (Duges)
Wilson, N.; and Oliver, G. V., jr., 1979,
Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records
and review of previous records
Pappogeomys castanops: Texas
- Geomydoecus hoffmanni* n. sp., illus.
Price, R. D.; and Hellenenthal, R. A., 1976, J.
Med. Entom., v. 12 (6), 695-700
key
Orthogeomys hispidus isthmicus: 14 km SW of
Coatzacoalcos, Veracruz, Mexico; 5 mi. SE
of Lerdo de Tejada, Veracruz, Mexico; 2 mi.
E, 2 mi. N of Catemaco, Veracruz, Mexico;
Sierra San Andres Tuxtla, Veracruz, Mexico;
Jaltipan, Veracruz, Mexico
O. hispidus hispidus: 3 km N of Presidio,
Veracruz, Mexico; 4 km WNW of Fortin, Vera-
cruz, Mexico; Potrero Viejo, 5 km W of
Potrero, Veracruz, Mexico
O. hispidus tehuatepecus: 2 mi. S of Tollo-
cito, Oaxaca, Mexico
O. hispidus torridus: 15 km W of Piedras
Negras, Veracruz, Mexico
- Geomydoecus illinoiensis* Price and Emerson, 1971
Whitaker, J. O., jr.; and Goff, R. J., 1979,
Entom. News, v. 90 (1), 23-25
Geomys bursarius: Indiana
- Geomydoecus martini*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus subnubili*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus tamaulipensis*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus texanus texanus*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus texanus tropicalis*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus ustulati clarkii*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus ustulati ustulati*
Hellenenthal, R. A.; and Price, R. D., 1976, J.
Med. Entom., v. 13 (3), 331-336
Geomydoecus spp. on *Pappogeomys castanops*
subsp., comparison of distribution of lice
with that of their hosts, potential which
lice have for assisting in determination of
taxonomic relationships in *P. castanops* taxa
- Geomydoecus yucatanensis* Price & Emerson, 1971,
illus.
Price, R. D.; and Hellenenthal, R. A., 1976, J.
Med. Entom., v. 12 (6), 695-700
Geomydoecus yucatanensis, redescription,
key, distribution
Orthogeomys hispidus yucatanensis: Campeche,
Yucatan, and Quintana Roo, Mexico
- Geranolichus canadensis*, sp. n., illus.
Atyeo, W. T.; and Windingstad, R. M., 1979,
J. Parasitol., v. 65 (4), 650-658
Grus canadensis tabida (ventral surface of
vane on both sides of rachis near feather
apex): Portage Co., Germaina Wildlife Area,
Marquette County, and Navarino Wildlife Area,
Shawno County, Wisconsin; Jasper-Pulaski
Wildlife Refuge, Jasper County, Indiana
- Gerbillophilus* Wagner, 1934
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
subgen. of *Nosopsyllus*, key
key to species, Afghanistan
- Geusibia*
Goncharov, A. I., 1971, Parazitologiya, Lenin-
grad, v. 5 (4), 369-373
Leptopsyllidae
- Gigliolella*
Yamamoto, H.; et al., 1978, Snake, v. 10 (2),
143-147
key
- Glareolites* Eichler, 1944
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus.
u. Inst., v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Gliricola* Mjoeberg, 1910
Zlotorzyska, J., 1972, Klucze Oznac. Owad.
Polski (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rear-
ing, control, collection, preservation, keys,
hosts: Poland

- Gliricoptes zapus*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: British Columbia; Utah
Z. trinotatus: British Columbia; Washington
Zapus sp.: California
- Glycyphagus hypudaei*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus townsendi (fur): Oregon
- Gnatholaelaps* gen. nov.
Till, W. M., 1972, Acarologia, v. 14 (2), 153-162
Laelapidae, tod: *G. machadoi* sp. nov.
- Gnatholaelaps machadoi* sp. nov. (tod), illus.
Till, W. M., 1972, Acarologia, v. 14 (2), 153-162
+*Dendrohyrax arboreus* (nest): Alto Chicapo, Angola
Funisciurus bayoni: Dundo, Angola
+unidentified bird (nest): Ile m'Bamou, near Brazzaville, Congo
- Gnathophthirina Lakshminarayana* nom. nov. pro *Mallophaga Nitzsch*, 1818
Lakshminarayana, K. V., 1976, Ang. Parasitol., v. 17 (3), 160-167
- Gohieria faini* sp. n., illus.
Volgin, V. I.; and Tareev, V. N., 1975, Parazitologiya, Leningrad, v. 9 (1), 68-76
+*Pteromys volans* (nest): Primorski krai, zapovednik 'Kedrovaia pad'; Khabarovsk krai, Khekhtsirsk zakaznik
- Goniocotes* Burmeister, 1838
Zlotoryzcka, J., 1972, Klucze Oznac. Owad. Polski (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-families, genera, and species, systematics, hosts: Poland
- Goniocotes alatus* Piaget
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Alectoris kakelik (feathers of back and abdomen): Kazakhstan
- Goniocotes bidentatus*
Carneiro, J. R.; et al., 1975, Rev. Patol. Trop., v. 4 (1), 39-41
Columbia livia domestica: Goiania, Brazil
- Goniocotes chinensis* Kellogg and Chapman, 1902
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
as syn. of *Coloceras chinense* (Kellogg and Chapman, 1902)
- Goniocotes chrysocephalus* Giebel
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Phasianus colchicus (feathers of back and abdomen): Kazakhstan
- Goniocotes compar* Burmeister, 1838
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
as syn. of *Campanulotes compar* (Burmeister, 1838)
- Goniocotes formosanus* Sugimoto, 1929
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
as syn. of *Campanulotes compar* (Burmeister, 1838)
- Goniocotes gallinae*
Fabiyyi, J. P., 1979, Austral. Vet. J., v. 55 (10), 503 [Letter]
domestic fowl: Port Moresby area, Papua New Guinea
- Goniocotes megaloccephalus* Uchida
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Tetrastes bonasia (feathers of back and abdomen): Kazakhstan
- Goniocotes megaloccephalus* Uchida, 1916, illus.
Porkert, J., 1978, Ang. Parasitol., v. 19 (4), 213-219
Tetrastes bonasia rupestris: Lipno (Bohmerwald-Sumava, CSSR)
- Goniocotes microthorax* (Stephens)
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Perdix perdix
P. daurica
(feathers of back and abdomen of all): all from Kazakhstan
- Goniodes* Nitzsch, 1818
Zlotoryzcka, J., 1972, Klucze Oznac. Owad. Polski (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-families, genera, and species, systematics, hosts: Poland
- Goniodes astrocephalus* (Burmeister)
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Coturnix coturnix (feathers of back): Kazakhstan
- Goniodes bituberculatus* Rudow
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Tetrao urogallus (feathers of trunk): Kazakhstan
- Goniodes colchici* Denny
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Phasianus colchicus: Kazakhstan
- Goniodes colchici*, illus.
Nilsson, B., 1976, Ang. Parasitol., v. 17 (4), 223-225
Goniodes colchici, gynandromorph
Phasianus colchicus: Sweden
- Goniodes costatus* (Keler)
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Tetraogallus himalayensis: Kazakhstan
- Goniodes dispar* Burmeister
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Alectoris kakelik
Perdix perdix
all from Kazakhstan
- Goniodes dissimilis*
Fabiyyi, J. P., 1979, Austral. Vet. J., v. 55 (10), 503 [Letter]
domestic fowl: Port Moresby area, Papua New Guinea

- Goniodes dissimilis*
Munro, R., 1978, *Fiji Agric. J.*, v. 40 (2), 91-96
poultry: Fiji
- Goniodes lagopi* (L.)
Cotton, M. J., 1979, *Entom. Month. Mag.* (1360-1363), v. 113, 1977, 213-217
Lagopus mutus: north-east Greenland
- Goniodes lagopi* (Linn.)
Groza, V. K., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 375-383
Lagopus lagopus: Kazakhstan
- Goniodes lativentris* Uchida, 1916
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Coloceras lativentris* (Uchida, 1916)
- Goniodes minor* Piaget, 1880
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Coloceras chinense* (Kellogg and Chapman, 1902)
- Goniodes piageti* Johnston and Harrison, 1912
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Coloceras chinense* (Kellogg and Chapman, 1902)
- Goniodes tetraonis* (Linn.)
Groza, V. K., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 375-383
Lyrurus tetrax mongolicus
L. tetrax viridanus
all from Kazakhstan
- Goniodes zenauidurae* McGregor, 1917
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Physconelloides zenauidurae* (McGregor, 1917)
- Goniodoidea*
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-families, genera, and species, systematics, hosts: Poland
- Gonocephalus* Keler, 1937
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-families, genera, and species, systematics, hosts: Poland
- Gonotyles* Keler, 1939
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to sub-families, genera, and species, systematics, hosts: Poland
- Gretillatia* Motta, 1965
Motta, C. da S.; and Gomes, D. C., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (1), 7-9
Cephalobaenidae, key
- Gruolichus*, gen. n.
Atyeo, W. T.; and Windingstad, R. M., 1979, *J. Parasitol.*, v. 65 (4), 650-658
Pterolichidae
tod: *G. wodashae*, sp. n.
- Gruolichus wodashae*, sp. n. (tod), illus.
Atyeo, W. T.; and Windingstad, R. M., 1979, *J. Parasitol.*, v. 65 (4), 650-658
Grus canadensis tabida (along rachis on both dorsal and ventral surfaces): Colmstock Marsh, Marquette County, Wisconsin; Jasper-Pulaski Wildlife Refuge, Jasper County, Indiana
- Guanophagoides* g. n.
Fain, A.; and Flechtmann, C. H. W., 1978, *Rev. Brasil. Biol.*, v. 38 (3), 555-558
Nycteriglyphinae
tod: *G. piracicabensis* sp. n.
- Guanophagoides piracicabensis* sp. n. (tod), illus.
Fain, A.; and Flechtmann, C. H. W., 1978, *Rev. Brasil. Biol.*, v. 38 (3), 555-558
+bat guano: Piracicaba, Brazil
- Guntheria cassiope*
Goff, M. L., 1979, *Pacific Insects*, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Rattus sp.: Papua New Guinea
- Guntheria dasycerci*
Goff, M. L., 1979, *Pacific Insects*, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp.: Papua New Guinea
- Guntheria foliata*
Goff, M. L., 1979, *Pacific Insects*, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Leptomys elegans (ear)
Uromys caudimaculatus (ear)
Rattus niobe (ear fringe, perianal)
R. ruber (ear fringe)
Antechinus naso
Peroryctes longicauda
all from Papua New Guinea
- Guntheria lavaniensis* n. sp., illus.
Goff, M. L., 1977, *J. Med. Entom.*, v. 14 (1), 38-41
Pseudocheirus cupreus: New Guinea (SE) (Southern Highlands Distr., Duna Subdistr., fringe of Lavani Valley)
- Guntheria lavaniensis*
Goff, M. L., 1979, *Pacific Insects*, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Pseudocheirus cupreus: Papua New Guinea
- Guntheria minima*
Goff, M. L., 1979, *Pacific Insects*, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Rattus leucopus (ear)
R. niobe (ear, ear tragus)
R. ruber (ear)
Murexia longicauda (ear tragus, dorsal body)
Rattus sp. (ear tragus)
Antechinus sp.
Melomys sp.
all from Papua New Guinea

- Guntheria niobensis* n. sp., illus.
Goff, M. L., 1977, J. Med. Entom., v. 14 (1), 38-41
Rattus niobe: New Guinea (NW) (Morobe Distr., Bulldog Road, 20 km from Edie Creek)
Phascolosorex dorsalis: New Guinea (NW) (Morobe Distr., Bulldog Road, 20 km from Edie Creek)
Anisomys imitator: New Guinea (NW) (Morobe Distr., Bulldog Road, 20 km from Edie Creek)
Neophascogale lorentzi: New Guinea (SE) (Southern Highlands Distr., Kagaba, base of Mt. Giluwe, 40 km N of Mendi)
Astrapia mayeri: New Guinea (SE) (Southern Highlands Distr., Kagaba, base of Mt. Giluwe, 40 km N of Mendi)
- Guntheria niobiensis*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Phascolosorex dorsalis (ear, perianal)
Rattus niobe (ear, ear fringe, ear tragus, perianal)
Neophascogale lorentzi
all from Papua New Guinea
- Guntheria omega*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Melomys sp. (ear fringe)
M. levipes (ear fringe)
M. moncktoni (ear fringe)
M. rufescens (ear fringe)
Rattus exulans (ear fringe)
R. leucopus (ear fringe)
R. niobe (ear fringe)
R. ruber (ear fringe, ear tragus)
Uromys caudimaculatus (ear fringe)
Peroryctes sp. (dorsal body)
Anisomys imitator (dorsal body)
Peroryctes longicauda (ventral body)
Echymipera kalubu (legs)
Murexia longicauda
Phascolosorex dorsalis
Hydromys chrysogaster
Rattus sp.
all from Papua New Guinea
- Guntheria ornamentata*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Pseudocheirus cupreus (ear)
Murexia longicauda (dorsal body)
Antechinus naso
Peroryctes longicauda
Anisomys imitator
Melomys sp.
Rattus ruber
all from Papua New Guinea
- Guntheria strandtmanni*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Satanellus albopunctatus (ear)
Pseudocheirus cupreus (ear)
Anisomys imitator (ear)
Melomys sp. (ear)
Rattus exulans (ear)
R. niobe (ear)
R. ruber (ear, ear tragus)
R. verecundus (ear, ear tragus)
Rattus sp. (ear tragus)
Antechinus sp.
Phascolosorex dorsalis
Peroryctes longicauda
Phalanger vestitus
all from Papua New Guinea
- Guntheria taylorae*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: New South Wales, Australia
- Guntheria womersleyi*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Antechinus wilhelmina (ear)
Murexia longicauda (ear)
Phascolosorex dorsalis (ear, ear tragus)
Anisomys imitator (ear, ear fringe)
Leptomys elegans (ear)
Melomys sp. (ear)
M. rufescens (ear)
Rattus sp. (ear)
R. exulans (ear)
R. leucopus (ear)
Antechinus sp.
R. ruber (ear, ear fringe, ear tragus)
R. verecundus (ear, ear tragus)
Uromys caudimaculatus (ear, ear fringe)
Rattus niobe (ear, ear fringe, ear tragus, dorsal body)
all from Papua New Guinea
- Gymnolaelaps annectans* Womersley
Ramsay, G. W.; and Paterson, S. E., 1977, N. Zealand J. Zool., v. 4 (4), 389-392
Rattus norvegicus
R. exulans
all from Raoul Island
- Gyropoidea*
Zlotorzycska, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rearing, control, collection, preservation, keys, hosts: Poland
- Gyropus* Nitzsch, 1818
Zlotorzycska, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rearing, control, collection, preservation, keys, hosts: Poland

- Haemaphysalis*
Koloinin, G. V., 1978, [World distribution of ixodid ticks (genus *Haemaphysalis*)], 71 pp., maps
- Haemaphysalis*
Van der Borghet-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
Ixodidae
key
- Haemaphysalis* sp.
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Suncus murinus: Maharashtra State, India
- Haemaphysalis* sp. cf. *H. zumpti*
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Haemaphysalis aborensis* Warburton, 1913
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
Tupaia glis versurae
Gallus gallus
all from Arunachal Pradesh, India
- Haemaphysalis aciculifer*
MacLeod, J.; and Mwanauo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
lion
cattle
all from Zambia
- Haemaphysalis aculeata*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, Indian J. Med. Research, v. 68, 949-953
ixodid ticks of Galloperdix s. spadicea, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis anomala*
Hamdy, B. H., 1977, J. Med. Entom., v. 14 (1), 15-18
ixodid ticks, comparative analysis of excretory products during feeding
- Haemaphysalis aponommoides* Warburton, 1913
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
horse: Arunachal Pradesh, India
- Haemaphysalis* (*Rhipistoma*) *bancrofti* larvae as described by Roberts (1969)
Doube, B. M.; and Kemp, D. H., 1979, J. Austral. Entom. Soc., v. 18 (2), 169-170
as syn. of *Haemaphysalis* (*Ornithophysalis*) *doenitzi* Warburton and Nuttall
- Haemaphysalis birmaniae* Supino, 1897
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
vegetation: Arunachal Pradesh, India
- Haemaphysalis bispinosa*
Chaudhri, R. P.; Gill, B. S.; and Khan, M. H., 1975, Ann. Soc. Belge Med. Trop., v. 55 (4), 327-332
Babesia bigemina, transovarial transmission to Indian cattle (exper.) by *Boophilus microplus*, transmission by nymphs of *Hyalomma a. anatolicum* but not by larval or adult ticks, other ticks used in study failed to transmit infection
- Haemaphysalis bispinosa* Neumann, 1897
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
cattle
horse
sheep
goat
dog
all from Arunachal Pradesh, India
- Haemaphysalis bispinosa*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Coracias bengalensis
Bos indicus
Capra hircus
Ovis aries
Canis aureus
all from Orissa state, India
- Haemaphysalis bispinosa* Neumann
Miranpuri, G. S.; Singh, J.; and Lahkar, B. C., 1978, Indian J. Ecol., v. 5 (1), 23-29
ixodid ticks of domestic and wild animals, survey, distribution, host-relationship
buffalo
cattle
goat
dog
Boselaphus tragocamilus
Panthera leo
horse
sheep
all from Assam Valley, India
- Haemaphysalis bispinosa*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, Indian J. Med. Research, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis bispinosa* Neumann
Sharma, B. D.; and Sharma, T., 1976, Indian J. Animal Sc., v. 44 (9), 1974, 709-712
cattle
Ovis aries
all from Jammu Province, India
- Haemaphysalis bispinosa* Neumann
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
cow
goat
cow calf
dog
all from Maharashtra State, India
- Haemaphysalis calcarata* Neumann
Pegram, R. G., 1976, Bull. Entom. Research, v. 66 (2), 345-363
Xerus rutilus: Somalia

- Haemaphysalis canestrinii*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Rattus blanfordi
R. cutchicus
Suncus murinus
Canis aureus
all from Orissa state, India
- Haemaphysalis chordeilis* (Packard, 1869), illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Haemaphysalis concinna*
Bolotin, E. I.; Kolonin, G. V.; and Matiushina, O. A., 1979, Zool. Zhurnal, v. 58 (9), 1428-1429
Erinaceus europaeus: Primorsky District (Soviet Far East)
- Haemaphysalis concinna* Koch 1844
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Haemaphysalis concinna*
Kolonin, G. V., 1978, Ekologiya, Sverdlovsk (3), 104-105
ixodid ticks, sex ratios of natural pasture populations, seasonal changes: Primorskii krai
- Haemaphysalis concinna*
Molnar, E.; et al., 1977, Acta Vet., Budapest, v. 26 (4), 1976, 419-437
Ixodes and *D[ermacentor]* spp., vectors of tick-borne encephalitis: Hungary
- Haemaphysalis concinna*
Okulova, N. M., 1978, Ekologiya, Sverdlovsk (2), 44-48
ixodid ticks, vertical and horizontal movements in forest conditions, dependent upon air temperature and humidity
- Haemaphysalis concinna*
Uspenskii, I. V.; Kachanko, N. I.; and Repkina, L. V., 1978, Zool. Zhurnal, v. 57 (3), 391-397
Ixodes persulcatus, *Haemaphysalis concinna*, *Dermacentor silvarum*, analysis of regions of high population density near northern and high altitude limits, seasonal variations in abundance and sex ratios: Amur oblast
- Haemaphysalis cornigera* Neumann, 1897
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
cattle: Arunachal Pradesh, India
- Haemaphysalis cornigera*
Rijksen, H. D., 1978, Mededel. Landbouwhogeschool, Wageningen, v. 78 (2), 420 pp.
Pongo pygmaeus abelii: Ketambe area, Sumatra
- Haemaphysalis cornupunctata* Hoogstraal & Varma
Sharma, B. D.; and Sharma, T., 1976, Indian J. Animal Sc., v. 44 (9), 1974, 709-712
cow
Ovis aries
goat
all from Jammu Province, India
- Haemaphysalis cuspidata*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, Indian J. Med. Research, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis davisii* Hoogstraal, Dhanda & Bhat, 1970
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
horse
sheep
mole
goat
mithan
all from Arunachal Pradesh, India
- Haemaphysalis (Ornithophysalis) doenitzi* Warburton and Nuttall
Doube, B. M.; and Kemp, D. H., 1979, J. Austral. Entom. Soc., v. 18 (2), 169-170
reared in laboratory
Syn.: *Haemaphysalis (Rhipistoma) bancrofti* larvae as described by Roberts (1969)
Centropus phasianinus: Yeppoon and Ingham, Queensland
C. phasianinus nigricans: Caloundra, Queensland
Rattus fuscipes (exper.)
white mouse (exper.)
- Haemaphysalis (Haemaphysalis) erinacei* Pavesi, 1884
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Pipistrellus pipistrellus: Afghanistan
- Haemaphysalis erinacei* Pavesi, 1884, illus.
Morel, P. C.; Sobrero, L.; and Totaro, S., 1977, Riv. Parassitol., Roma, v. 38 (1), 93-95
synonymy
Erinaceus europaeus: Alberobello-Castellana (Bari), Italia
Canis familiaris: Alberobello (Bari), Italia
Felis domestica: Cisternino (Brindisi), Italia
Vulpes vulpes: Turi and S. Michele (Bari), Italia
- Haemaphysalis erinacei* Feldman-Muhsam, 1951
Morel, P. C.; Sobrero, L.; and Totaro, S., 1977, Riv. Parassitol., Roma, v. 38 (1), 93-95
as syn. of *Haemaphysalis erinacei* Pavesi, 1884
- Haemaphysalis filippovae* sp. n., illus.
Bolotin, E. I., 1979, Zool. Zhurnal, v. 58 (2), 267-269
[no host]: Nadezhdinsk region, Primorsk krai; oak grove on north slope of valley of lower reaches of Anan'evka river (right tributary of Razdol'noye river)
- Haemaphysalis flava* Neum.
Bolotin, E. I.; and Kolonin, G. V., 1979, Zool. Zhurnal, v. 58 (3), 435-436
Turdus pallidus
Emberiza spodocephala
E. rustica
all from Nadezhdinsk region
- Haemaphysalis flava*
Bolotin, E. I.; Kolonin, G. V.; and Matiushina, O. A., 1979, Zool. Zhurnal, v. 58 (9), 1428-1429
Erinaceus europaeus: Primorsky District (Soviet Far East)

- Haemaphysalis flava* Neum.
Kolonin, G. V.; and Bolotin, E. I., 1977,
Zool. Zhurnal, v. 56 (3), 475-476
Erinaceus europaeus
Eutamias sibiricus
Apodemus speciosus
all from Primorskii krai
- H[*aemaphysalis*] *flava*
Takada, N.; Fujita, H.; and Yamaguchi, T.,
1978, *Eisei Dobutsu* (Japan. J. San. Zool.),
v. 29 (2), 216-218
human (arm): northern part of Honshu,
Japan
- Haemaphysalis hoodi*
Morel, P. C., 1978, *Rev. Elevage et Med. Vet.*
Pays Trop., n. s., v. 31 (1), 69-78
Centropus senegalensis
Francolinus bicalcaratus
Numida meleagris
all from Haute-Volta
- Haemaphysalis houyi*
Morel, P. C., 1978, *Rev. Elevage et Med. Vet.*
Pays Trop., n. s., v. 31 (1), 69-78
Xerus erythropus
Atelerix albiventris
all from Haute-Volta
- Haemaphysalis hystricis* Supino, 1897
De, S. K.; and Gupta, S. K., 1978, *Indian Vet.*
J., v. 55 (1), 80-82
vegetation: Arunachal Pradesh, India
- Haemaphysalis indica*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C.,
1979, *Indian J. Animal Sc.*, v. 49 (9), 707-712
Mus booduga: Orissa state, India
- Haemaphysalis indoflava*
Hamdy, B. H., 1977, *J. Med. Entom.*, v. 14 (1),
15-18
ixodid ticks, comparative analysis of excre-
tory products during feeding
- Haemaphysalis inermis*
Georgiev, B.; et al., 1971, *Folia Parasitol.*,
v. 18 (3), 267-273
ticks of natural focus of tick-borne enceph-
alitis of sheep and man, monthly incidence
on sheep, goats and on pasture, 1966-1970:
Rhodope mountains, Bulgaria
- Haemaphysalis intermedia*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C.,
1979, *Indian J. Animal Sc.*, v. 49 (9), 707-712
Centropus sinensis
Bos indicus
Capra hircus
Ovis aries
Canis aureus
all from Orissa state, India
- Haemaphysalis intermedia* Warburton & Nuttall
Miranpuri, G. S.; Singh, J.; and Lahkar, B. C.,
1978, *Indian J. Ecol.*, v. 5 (1), 23-29
ixodid ticks of domestic and wild animals,
survey, distribution, host-relationship
cattle
Antilope cervicapra
goat
horse
dog
sheep
all from Assam Valley, India
- Haemaphysalis intermedia*
Rajagopalan, P. K.; Sreenivasan, M. A.; and
Anderson, C. R., 1978, *Indian J. Med. Re-*
search, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*,
numbers of different stages collected,
seasonal pattern of infestation: KFD area,
Karnataka State
- Haemaphysalis japonica*
Bolotin, E. I.; Kolonin, G. V.; and Matiushina,
O. A., 1979, *Zool. Zhurnal*, v. 58 (9), 1428-1429
Erinaceus europaeus: Primorsky District
(Soviet Far East)
- Haemaphysalis japonica*
Kolonin, G. V., 1978, *Ekologiya, Sverdlovsk*
(3), 104-105
ixodid ticks, sex ratios of natural pasture
populations, seasonal changes: Primorskii
krai
- H[*aemaphysalis*] *japonica*
Takada, N.; Fujita, H.; and Yamaguchi, T.,
1978, *Eisei Dobutsu* (Japan. J. San. Zool.),
v. 29 (2), 216-218
human (hand): northern part of Honshu,
Japan
- Haemaphysalis japonica douglasi*
Okulova, N. M., 1978, *Ekologiya, Sverdlovsk*
(2), 44-48
ixodid ticks, vertical and horizontal move-
ments in forest conditions, dependent upon
air temperature and humidity
- Haemaphysalis japonica douglasi* Nutt. et Warb.
Sagdieva, P. D.; Voloshina, I. V.; and Smir-
nov, E. N., 1978, *Soobshch. Akad. Nauk Gru-*
zinsk. SSR, v. 91 (3), 725-728
Haemaphysalis japonica douglasi, most common
in coastal oak woods, overwinters on *Nemor-*
haedus caudatus
Sciurus vulgaris
Eutamias sibiricus
Tetrastes bonasia
Emberiza tristrami
Oreocinclla dauma
Turdus pallidus
Nucifraga caryocatactes
Nemorhaedus caudatus
all from eastern slopes of Sikhote-Alin
- Haemaphysalis juxtakochi*
Yunker, C. E.; et al., 1975, *J. Med. Entom.*,
v. 12 (2), 250-255
ticks and mites, vectors of viral and
rickettsial agents
Nasua nasua narica: Panama
- Haemaphysalis kinneari*
Hamdy, B. H., 1977, *J. Med. Entom.*, v. 14 (1),
15-18
ixodid ticks, comparative analysis of excre-
tory products during feeding
- Haemaphysalis (Allophysalis) kopetdaghica* Kerba-
baev 1962, *illus.*
Hoogstraal, H.; and Wassef, H. Y., 1979, *J.*
Parasitol., v. 65 (5), 783-790
redescription
Capra hircus aegagrus: Mazandaran Province,
Elburz Mountains, Gach Sar (ca. 50 km NNW of
Tehran), Iran

- Haemaphysalis kyasanurensis*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, *Indian J. Med. Research*, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis kyasanurensis*
Sreenivasan, M. A.; Bhat, H. R.; and Rajagopalan, P. K., 1979, *Indian J. Med. Research*, v. 69, 708-713
partly fed ixodid ticks, transmission of Kyanasur forest disease virus
- Haemaphysalis leachi*
Gear, J. H. S., 1978, *South African J. Hosp. Med.*, v. 4 (2), 45-49
ticks, vectors of tick bite fever in South Africa
- Haemaphysalis leachi*
Kamara, J. A., 1975, *Bull. Animal Health and Prod. Africa*, v. 23 (3), 265-268
Thryonomys swinderianus: Sierra Leone
- Haemaphysalis leachii*
MacLeod, J.; and Mwanaumo, B., 1978, *Bull. Entom. Research*, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
lion
leopard
civet
serval
mongoose
side-striped jackal
dog
cattle
all from Zambia
- Haemaphysalis leachi*
Morel, P. C., 1978, *Rev. Elevage et Med. Vet. Pays Trop.*, n. s., v. 31 (1), 69-78
Panthera leo
panthere
Atelerix albiventris
Viverra civetta
all from Haute-Volta
- Haemaphysalis leachii leachii*
Crampton, P. L.; and Gichanga, M. M., 1979, *Bull. Entom. Research*, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Haemaphysalis leachii leachii*
Norval, R. A. I., 1977, *Rhodesian Vet. J.*, v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping dogs: Kandeya Tribal Trust Land, north-east Rhodesia
- Haemaphysalis leporispalustris* (Pack.)
Arnold, K. A., 1970, *Rev. Biol. Trop.*, v. 16 (2), 1968, 259-265
Thryothorus nigricapillus costaricensis
Myrmeciza e. exsul
all from Costa Rica
- Haemaphysalis leporispalustris*
Camin, J. H.; and Drenner, R. W., 1978, *J. Parasitol.*, v. 64 (5), 905-909
Haemaphysalis leporispalustris, climbing behavior and host-finding of larval ticks, strato-orientation restricts tick's host spectrum to rabbits and ground-dwelling or feeding birds and has implications for tick dispersal
- Haemaphysalis leporispalustris* (Packard)
Campbell, A.; and Glines, M. V., 1979, *J. Parasitol.*, v. 65 (5), 777-781
Haemaphysalis leporispalustris, development, survival, and oviposition at 5 constant temperatures
- Haemaphysalis leporispalustris*
Campbell, C. C.; et al., 1978, *Bull. Pan Am. Health Organ.*, v. 12 (2), 104-111
collection of ticks on farm where outbreak of fatal human infections believed to be rickettsial in origin occurred
Sylvilagus braziliensis
Didelphis marsupialis
all from Los Altos de Heredia, Limon Province, Costa Rica
- Haemaphysalis leporispalustris*
Cooper, C. L.; Madden, J. E.; and Crites, J. L., 1975, *J. Med. Entom.*, v. 12 (2), 262
Quiscalus quiscula versicolor (skin): Franklin Co. and Ottawa Co., Ohio
- Haemaphysalis leporispalustris* (Packard)
Garnett, W. H.; and Ahrens, E. H., 1979, *Southwest. Entom.*, v. 4 (3), 192-194
Odocoileus virginianus: south Texas
- Haemaphysalis leporispalustris* (Packard)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Cyanocitta cristata
Pipilo erythrophthalmus
Quiscalus quiscula
Lanius excubitor
Hyllocichla mustelina
Sylvilagus floridanus
all from Fort Dix, New Jersey
- Haemaphysalis leporispalustris*
Jacobson, H. A.; Kirkpatrick, R. L.; and McGinnes, B. S., 1978, *Wildlife Monogr.* (60), 53 pp.
disease and physiologic characteristics of cottontail rabbits in 2 study areas in relation to population density, includes data on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Haemaphysalis leporispalustris*
McGowan, M. J.; Camin, J. H.; and McNew, R. W., 1979, *J. Parasitol.*, v. 65 (5), 692-699
Haemaphysalis leporispalustris infestations of juvenile and adult *Sylvilagus floridanus* from January 1974-December 1975 in Douglas County, Kansas, relationship to skin-sensitizing antibody production, models used to interpret data show promise for predicting tick population fluctuations and incidence of vector borne disease outbreaks, implications of existence of resistance to tick attachment
- Haemaphysalis leporispalustris*
Piesman, J.; and Spielman, A., 1979, *Ann. Entom. Soc. Am.*, v. 72 (6), 829-832
Sylvilagus floridanus: southeastern Massachusetts

- Haemaphysalis leporis-palustris* (Packard)
Ritter, D. G.; et al., 1978, *Canad. J. Microbiol.*, v. 24 (4), 422-426
Haemaphysalis leporis-palustris removed from *Lepus americanus*, isolation of a new rhabdovirus: Alaska
- Haemaphysalis leporispalustris* (Packard, 1869), illus.
Sonenshine, D. E., 1979, *Research Div. Bull.* (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Haemaphysalis leporispalustris*
Wallis, R. C.; et al., 1978, *Am. J. Epidemiol.*, v. 108 (4), 322-327
southcentral Connecticut
- Haemaphysalis* (Kaiseriana) *longicornis* Neumann
BelozeroV, V. N.; and Luzev, V. V., 1974, *Parazitologiya*, Leningrad, v. 8 (6), 515-523
Haemaphysalis longicornis, effect of photoperiod and temperature on behavior and development of larvae and nymphs
- Haemaphysalis* (Kaiseriana) *longicornis*
Connell, M. L., 1978, *Austral. Vet. J.*, v. 54 (2), 92-93
Anaplasma marginale, attempted transmission by *Haemaphysalis longicornis* to cattle from carrier steer not successful
- Haemaphysalis longicornis*, illus.
Fujisaki, K., 1978, *National Inst. Animal Health Quart.*, v. 18 (1), 27-38
Haemaphysalis longicornis, rabbits subjected to series of infestations with adult female ticks, development of acquired resistance and precipitating antibody (7S class of immunoglobulin)
- Haemaphysalis longicornis*
Han, T. W., 1978, *Research Rep.*, Office Rural Develop., Min. Agric. and Fish., Korea, v. 20, 53-88
theileriosis, cattle, historical review, seasonal and host age incidence, duration of parasitaemia, relapse time; transmission of *Theileria* sp. to cattle using *Boophilus microplus* and *Haemaphysalis longicornis*; pathogenicity and immunogenicity of Korean and Japanese strains of *T. sergenti* compared: Korea
- Haemaphysalis longicornis*
Heath, A. C. G., 1979, *Internat. J. Parasitol.*, v. 9 (1), 33-39
Haemaphysalis longicornis, *Ixodes holocyclus*, and *Rhipicephalus sanguineus* eggs, temperature and humidity preferences
- Haemaphysalis longicornis*
Kolonin, G. V., 1978, *Ekologiya*, Sverdlovsk (3), 104-105
ixodid ticks, sex ratios of natural pasture populations, seasonal changes: Primorskii krai
- Haemaphysalis longicornis*
Lvov, D. K.; et al., 1978, *Acta Virol.*, *Internat. J.*, English ed., v. 22 (3), 249-252
Haemaphysalis longicornis, isolation of Khasan virus: Primorie region (U.S.S.R.)
- Haemaphysalis* (Kaiseriana) *longicornis*
Sutherst, R. W.; Roberts, J. A.; and Wagland, B. M., 1979, *Internat. J. Parasitol.*, v. 9 (3), 183-188
Haemaphysalis longicornis, occurrence and expression of resistance in *Bos taurus*
- Haemaphysalis* (Kaiseriana) *longicornis*
Wagland, B. M.; Roberts, J. A.; and Sutherst, R. W., 1979, *Internat. J. Parasitol.*, v. 9 (3), 177-182
Haemaphysalis longicornis, growth of each instar during feeding on *Bos taurus*, criteria based on length which can be used to estimate age of ticks in natural populations
- Haemaphysalis longicornis*
Waladde, S. M., 1976, *Bull. Animal Health and Prod. Africa*, v. 24 (1), 73-79
Boophilus microplus and *Haemaphysalis longicornis* larvae, comparative toxicological and biochemical study of effects of coumaphos and coroxon in vitro
- Haemaphysalis minuta*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, *Indian J. Animal Sc.*, v. 49 (9), 707-712
flag dragging: Orissa state, India
- Haemaphysalis minuta*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, *Indian J. Med. Research*, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis montgomeryi* Nuttal
Sharma, B. D.; and Sharma, T., 1976, *Indian J. Animal Sc.*, v. 44 (9), 1974, 709-712
cow
Ovis aries
all from Jammu Province, India
- Haemaphysalis nepalensis* Hoogstraal, 1962
De, S. K.; and Gupta, S. K., 1978, *Indian Vet. J.*, v. 55 (1), 80-82
sheep: Arunachal Pradesh, India
- Haemaphysalis numidiana turanica*
Protopopian, M. G.; et al., 1975, *Parazitologiya*, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Haemaphysalis obesa*
Hamdy, B. H., 1977, *J. Med. Entom.*, v. 14 (1), 15-18
ixodid ticks, comparative analysis of excretory products during feeding
- H[*aemaphysalis*?] *otophila*
Monov, M.; Petrov, D.; and Milushev, I., 1977, *Vet. Med. Nauki*, v. 14 (5), 48-54
ixodid ticks, distribution, seasonal activity, descriptions of biotopes: Northwest Bulgaria

- Haemaphysalis papuana kinneari*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, Indian J. Med. Research, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis papuana kinneari*
Sreenivasan, M. A.; Bhat, H. R.; and Rajagopalan, P. K., 1979, Indian J. Med. Research, v. 69, 708-713
partly fed ixodid ticks, transmission of Kyasanur forest disease virus
- Haemaphysalis parmata*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Tragelaphus s. scriptus: Sierra Leone
- Haemaphysalis punctata*
Georgiev, B.; et al., 1971, Folia Parasitol., v. 18 (3), 267-273
ticks of natural focus of tick-borne encephalitis of sheep and man, monthly incidence on sheep, goats and on pasture, 1966-1970: Rhodope mountains, Bulgaria
- Haemaphysalis punctata*
Hamdy, B. H., 1977, J. Med. Entom., v. 14 (1), 15-18
ixodid ticks, comparative analysis of excretory products during feeding
- Haemaphysalis punctata*
Honzakova, E., 1971, Folia Parasitol., v. 18 (2), 155-159
ticks, survival, submerged in clear water, water containing litter, various temperatures, laboratory experiments
- Haemaphysalis punctata* Can. et Fanz., 1877
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Haemaphysalis punctata*
Morzaria, S. P.; and Brocklesby, D. W., 1977, Ztschr. Parasitenk., v. 52 (3), 241-243
Babesia major vermicules from *Haemaphysalis punctata* haemolymph and *B. bigemina* vermicules from *Boophilus microplus* haemolymph, length as differential diagnostic criterion
- Haemaphysalis punctata* Canestrini e Fanzago, 1877, illus.
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parassitologia, v. 18 (1-3), 109-118
Coturnix coturnix
Phasianus colchicus
Turdus merula
Erinaceus europaeus
Lepus europaeus
Sciurus vulgaris
Ovis aries
all from Provincia di l'Aquila, Abruzzo, Italia
- Haemaphysalis punctata*
Vulchovski, Ia.; et al., 1977, Vet. Sbirka, v. 75 (5), 26-29
tick control important in prophylaxis of piroplasmosis under range conditions: Bulgaria
- Haemaphysalis (Kaiseriana) rugosa* Santos Dias, 1956, illus.
Camicas, J. L., 1978, Cahiers O.R.S.T.O.M., s. Entom. Med. et Parasitol., v. 16 (1), 23-28
description of nymphs and larvae
Ichneumia albicauda: Kedougou, Senegal
Pseudogenetta villiersi: Kedougou, Senegal
Lepus crawshayi: Kedougou, Senegal
Genetta pardina: Kedougou, Senegal
Myiomys cunninghamei: Lamto, Cote d'Ivoire
Tatera kempi: Lamto, Cote d'Ivoire
- Haemaphysalis rugosa*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Ourebia ourebi
Sylvicapra grimmia
Redunca redunca
boeuf
all from Haute-Volta
- Haemaphysalis spinigera* Neumann, 1897
Bhat, H. R., 1979, Indian J. Animal Sc., v. 49 (7), 517-522
Haemaphysalis spinigera, life-history under laboratory conditions, periodicity in engorgement and dropping off, total egg output directly proportional to weight of engorged female
Rattus rattus wroughtoni
Rattus blanfordi
Funambulus tristriatus tristriatus
calves
White Leghorn chicks
man
(all exper.)
- Haemaphysalis spinigera*
Hamdy, B. H., 1977, J. Med. Entom., v. 14 (1), 15-18
ixodid ticks, comparative analysis of excretory products during feeding
- Haemaphysalis spinigera*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, Indian J. Med. Research, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis spinigera*
Sreenivasan, M. A.; Bhat, H. R.; and Rajagopalan, P. K., 1979, Indian J. Med. Research, v. 69, 708-713
partly fed ixodid ticks, transmission of Kyasanur forest disease virus
- Haemaphysalis spinulosa*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution genet
side-striped jackal
all from Zambia
- Haemaphysalis sulcata*
Georgiev, B.; et al., 1971, Folia Parasitol., v. 18 (3), 267-273
ticks of natural focus of tick-borne encephalitis of sheep and man, monthly incidence on sheep, goats and on pasture, 1966-1970: Rhodope mountains, Bulgaria

- Haemaphysalis* (*Herpetobia*) *sulcata* Canestrini and Fanzago
Hoogstraal, H.; and Wassef, H. Y., 1979, *J. Parasitol.*, v. 65 (5), 783-790
Capra hircus aegagrus: Mazandaran Province, Elburz Mountains, Gach Sar (ca. 50 km NNW of Tehran), Iran
- Haemaphysalis sulcata* Canestrini e Fanzago, 1877, *illus.*
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, *Parassitologia*, v. 18 (1-3), 109-118
Coturnix coturnix
Alauda arvensis
Garrulus glandarius
Ovis aries
all from Provincia di l'Aquila, Abruzzo, Italia
- Haemaphysalis turturis*
Hamdy, B. H., 1977, *J. Med. Entom.*, v. 14 (1), 15-18
ixodid ticks, comparative analysis of excretory products during feeding
- Haemaphysalis turturis*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, *Indian J. Med. Research*, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haemaphysalis turturis*
Sreenivasan, M. A.; Bhat, H. R.; and Rajagopalan, P. K., 1979, *Indian J. Med. Research*, v. 69, 708-713
partly fed ixodid ticks, transmission of Kyasanur forest disease virus
- Haemaphysalis warburtoni* var. *kopet-daghicus* [n. var.], *illus.*
Kerbabaev, E. B., 1962, *Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk* (1), 77-80 [For author reference see Supplement 17, Part 1] [leopard]: near Kuru-Gaudan settlement, Turkmen
Capra [i.e. *Capra*] *aegagrus*: region of Mergen-Olen village, Turkmen
[*Equus caballus*]: Kopet-Dag, Turkmen
- Haemaphysalis wellingtoni* Nuttall and Warburton, 1907
Bhat, H. R.; and Naik, S. V., 1978, *Indian J. Med. Research*, v. 67, 697-703
Haemaphysalis wellingtoni, successful experimental transstadial transmission of Kyasanur forest disease virus by tick, also zig-zag transmission by bite to chick
- Haemaphysalis wellingtoni*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, *Indian J. Animal Sc.*, v. 49 (9), 707-712
flag dragging: Orissa state, India
- Haemaphysalis wellingtoni*
Rajagopalan, P. K.; Sreenivasan, M. A.; and Anderson, C. R., 1978, *Indian J. Med. Research*, v. 68, 949-953
ixodid ticks of *Galloperdix s. spadicea*, numbers of different stages collected, seasonal pattern of infestation: KFD area, Karnataka State
- Haematobia irritans*
Ahrens, E. H.; and Cocke, J., 1979, *J. Econom. Entom.*, v. 72 (2), 215
Haematobia irritans, cattle, fenvalerate-impregnated ear tags: Hidalgo Co., Texas
- Haematobia irritans* (Linnaeus)
Bay, D. E., 1977, *J. Med. Entom.*, v. 13 (4-5), 628
Bovicola bovis phoretic on *Haematobia irritans*: College Station, Texas
- Haematobia irritans* (L.)
Beadles, M. L.; et al., 1978, *J. Econom. Entom.*, v. 71 (2), 287-289
Haematobia irritans, cattle, effective control with dichlorvos-impregnated rear leg bands, pasture test: Camp Stanley, Texas
- Haematobia irritans*
Beadles, M. L.; et al., 1979, *Southwest. Entom.*, v. 4 (1), 70-72
Haematobia irritans, cattle, comparative efficacy of dichlorvos-impregnated ear tags, leg bands, and tail tags
- Haematobia irritans*
Butler, J. F.; et al., 1977, *J. Med. Entom.*, v. 13 (4-5), 567-571
Haematobia irritans and *Stomoxys calcitrans* fed ³²P-labelled food source to find evidence of mechanisms for transfer of pathogenic agents via contamination of mouthparts, regurgitation, salivation, or defecation
- Haematobia irritans*
Chamberlain, W. F.; and Gingrich, A. R., 1978, *J. Econom. Entom.*, v. 71 (3), 422-424
Haematobia irritans, effect of irradiating adults on sterility, survival, and competition in small- and large-cage tests, significance for sterile male release program
- Haematobia irritans*
Christensen, C. M.; and Dobson, R. C., 1979, *J. Kansas Entom. Soc.*, v. 52 (2), 386-391
Haematobia irritans, attraction to Angus bulls and steers (testosterone propionate treated vs. nontreated), positive relationship between attractance and sebaceous gland numbers and cell numbers
- Haematobia irritans*
Eschle, J. L.; et al., 1973, *J. Econom. Entom.*, v. 66 (1), 290-291
Haematobia irritans, dairy cattle, effectiveness of coumaphos on cable-type back-rubbers, no residues detected in milk
- Haematobia irritans* (L.)
Frazar, E. D.; and Schmidt, C. D., 1979, *J. Econom. Entom.*, v. 72 (6), 884-886
laboratory-reared *Haematobia irritans*, susceptibility to topically applied insecticides
- Haematobia irritans*
Graham, O. H.; and Hourrigan, J. L., 1977, *J. Med. Entom.*, v. 13 (6), 629-658
arthropod parasites of livestock, eradication programs, review
- Haematobia irritans* (L.)
Harvey, T. L.; and Brethour, J. R., 1979, *J. Econom. Entom.*, v. 72 (4), 516-518
Haematobia irritans, coumaphos-treated and untreated steers, weight gains, economic importance: Hays, Kansas

- Haematobia irritans* (L.)
Harvey, T. L.; and Brethour, J. R., 1979, *J. Econom. Entom.*, v. 72 (4), 532-534
Haematobia irritans, permethrin EC spray applied to one individual bull, cow, or steer per herd eliminated all horn flies from herds within 1 day
- Haematobia irritans*
Hayakawa, H., 1978, *Bull. Tohoku National Agric. Exper. Station (Tohoku Nogyo Shikenjo Kenkyu Hokoku)* (58), 261-270
Haematobia irritans attacking pastured cattle, seasonal and diurnal activities: Iwate Prefecture, Honshu, Japan
- Haematobia irritans* (L.)
Howard, F. W.; and Oliver, A. D., 1978, *Environment. Entom.*, v. 7 (6), 901-903
survey of arthropod populations collected from untreated pastures and those treated with mirex for red imported fire ant control; greater numbers of *H. irritans* found on treated pastures
- Haematobia irritans*
Ide, G. S.; and Mahunka, S., 1978, *Rovartani Kozlem. (Folia Entom. Hungar.)*, n.s., v. 31 (1), 47-49
Haematobia irritans as host of *Ameranoetus hematobii* sp. n.: Gainesville, Florida
- Haematobia irritans*
Legner, E. F., 1978, *Proc. and Papers 46. Ann. Conf. Calif. Mosquito and Vector Control Ass. (Yosemite, California, Jan. 29-Feb. 1)*, 77-79
Haematobia irritans, biological control by introduced *Heterotylenchus autumnalis* and natural enemies, 1968-1974: California
- Haematobia irritans*
Miller, J. A.; et al., 1977, *J. Econom. Entom.*, v. 70 (4), 417-423
Haematobia irritans, evaluation of effectiveness of methoprene in drinking water of cattle to suppress hornfly populations preparatory to release of sterile male flies: island of Molokai, Hawaii
- Haematobia irritans* (L.)
Miller, J. A.; et al., 1979, *Southwest. Entom.*, v. 4 (3), 195-200
Haematobia irritans, cattle, methoprene sustained-release bolus for control in manure, 3 formulations compared: Camp Stanley, TX
- Haematobia irritans* (L.)
Miller, J. A.; Schmidt, C. D.; and Eschle, J. L., 1979, *Advances Agric. Technol., South. Ser.* (8), 12 pp.
Haematobia irritans on bulls, mass rearing technique, suggestions for improving future programs: Kerrville, Texas; Oahu, Hawaii
- Haematobia irritans* (L.)
Miller, R. W.; Pickens, L. G.; and Hunt, L. M., 1978, *J. Econom. Entom.*, v. 71 (2), 274-278
Haematobia irritans, cattle, methoprene as feed additive reduced horn fly counts: Beltsville, Md.
- Haematobia irritans*, illus.
Paysinger, J. T.; et al., 1978, *J. Georgia Entom. Soc.*, v. 13 (1), 28-39
Haematobia irritans, morphology of mouthparts, compared with *Musca autumnalis*, scanning electron microscopy
- Haematobia irritans*
Schmidt, C. D.; et al., 1976, *J. Econom. Entom.*, v. 69 (4), 484-486
Haematobia irritans, *Stomoxys calcitrans*, cattle, m-phenoxybenzyl cis, trans-(+)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate, spot tests, large-cage tests, field tests
- Haematobia irritans*
Stork, M. G., 1979, *Vet. Rec.*, v. 105 (15), 341-343
fly infestation of meat and milk producing animals, importance in transmission of disease and in production losses from 'fly worry', review: Europe
- Haematobia irritans*
Wilson, N. L.; Huston, J. E.; and Davis, D. I., 1978, *Southwest. Vet.*, v. 31 (3), 197-199
Haematobia irritans, cattle, stirofos impregnated ear tags gave excellent control, weight gain not influenced by treatment: McCulloch County, Texas
- Haematobia irritans exigua*
Ferrari, P., 1979, *J. Austral. Entom. Soc.*, v. 18 (1), 25-26
Haematobia irritans exigua, absence of larval fat body, physiological significance not explained, comparisons with other Diptera
- Haematobia irritans irritans* (L.)
Bay, D. E.; and Harris, R. L., 1978, *Southwest. Entom.*, v. 3 (4), 276-278
Haematobia irritans irritans, techniques for small scale rearing in the laboratory
- Haematobia stimulans*
Tamarina, N. A.; and Khromova, L. A., 1978, *Entom. Obozr.*, v. 57 (4), 772-780
Haematobia stimulans, seasonal dynamics of attacks on *Bos taurus* and *B. (Poephagus) grunniens*, intermediate host of *Setaria cervi*: vicinity of Tevshruulekh, N. Khangai aimak, Khangai mountainous region, Mongolian People's Republic
- Haematophagus Timmermann*, 1950
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Haematopinus* Leach, 1815
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Haematopinus* sp.
Mehrotra, P.; and Singh, T., 1978, *Vet. Rec.*, v. 103 (19), 434 [Letter]
goat (back, neck): India
- Haematopinus apri* Gour.
Kadulski, S., 1974, *Acta Parasitol. Polon.*, v. 22 (12-21), 219-228
Haematopinus apri on wild *Sus scrofa*, incidence and intensity, geographic distribution, host age and sex, seasonal dynamics of infestation and louse population structure, distribution on host body: Poland

- Haematopinus apri* Goureau, 1866
Kadulski, S., 1975, *Acta Parasitol. Polon.*, v. 23 (41-51), 493-535
Haematopinus apri, infestation in relation to condition, age, and sex of host, long-term and seasonal fluctuations of infestation, habitat preference on host, economic importance
Sus scrofa: Poland
- Haematopinus asini*, *illus.*
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Haematopinus eurysternus*
Atef, M.; and El-Say, A., 1976, *J. Egypt. Vet. Med. Ass.*, v. 35 (3), 73-84
cattle: north-western coastal region of Arab Republic of Egypt
- Haematopinus eurysternus*, *illus.*
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Haematopinus quadripertusus* Fahrenholz, 1916
Kim, K. C.; and Emerson, K. C., 1974, *J. Med. Entom.*, v. 11 (1), 107-111
cow: Madagascar
- Haematopinus suis*
Goncharov, A. P.; and Kudriavykh, V. I., 1978, *Veterinariia, Moskva* (8), 30-31
Haematopinus suis, pig farm, chlorophos in single dose for prophylaxis, two doses for treatment
- Haematopinus suis*, *illus.*
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Haematopinus suis* (L.)
Ivey, M. C.; and Palmer, J. S., 1979, *J. Econ. Entom.*, v. 72 (6), 837-838
chlorpyrifos and its metabolite 3,5,6-trichloro-2-pyridinol, residues in swine after pour-on application for control of *Haematopinus suis* and *Sarcoptes scabiei*
- Haematopinus suis*, *illus.*
Rufli, T.; and Mumcuoglu, Y., 1979, *Praxis, Bern*, v. 68 (44), 1441-1452
lice, biology, elimination and prevention of human infestations, extensive clinical review
- Haematopinus tuberculatus* (Burmeister)
Mehrotra, P.; and Singh, T., 1979, *Indian J. Animal Sc.*, v. 49 (9), 755-756
Haematopinus tuberculatus, seasonal occurrence on buffalo: Bikaner Division, Rajasthan
- Haematosiphon inodorus* (Duges)
Wilson, N.; and Oliver, G. V., jr., 1978, *Southwest. Nat.*, v. 23 (2), 305-307
Cathartes aura: Brewster County, Texas
- Haemobaphes diceraus* Wilson, 1917, *illus.*
Grabda, J., 1977, *Acta Ichthyol. et Piscat.*, v. 7 (2), 15-34
degree of parasite infestation of *Theragra chalcogramma* (gill arches), commercial value: imported from USSR
- Haemobaphes diceraus* Wilson, 1917, *illus.*
Kabata, Z., 1976, *J. Fish. Research Bd. Canada*, v. 33 (11), 2507-2525
copepods, description of early larval stages
- Haemodipsus Enderlein*, 1904
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Haemogamasus* sp.
Nakata, K., 1979, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
Apodemus giliacus
all from Tonden, Sapporo, Hokkaido
- Haemogamasus* sp.
Whitaker, J. O., jr.; Maser, C.; and Wallace, W. M., 1979, *Northwest Sc.*, v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Haemogamasus ambulans* Torell
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaja, A. G., 1977, *Vesti Akad. Navuk BSSR, s. Bial. Navuk* (5), 104-109
[*Apodemus agrarius*]: Belorussian Polesia
- Haemogamasus ambulans*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, *Parazitologiya, Leningrad*, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Haemogamasus ambulans* (Thorell, 1872)
Gill, D.; and Strandtmann, R. W., 1977, *J. Med. Entom.*, v. 14 (1), 101-106
description
Dicrostonyx torquatus: Bathurst Island, N. W. T., Canada
- Haemogamasus ambulans* (Thor.)
Tagil'tsev, A. A., 1971, *Parazitologiya, Leningrad*, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast
- Haemogamasus ambulans*
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus trinotatus: British Columbia
- Haemogamasus ambulans*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, *Northwest Sc.*, v. 53 (4), 268-273
Scapanus orarius (fur): Oregon

- Haemogamasus ambulans* (Thorell)
Zuevskii, A. P., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 352-358
seasonal distribution
+*Arvicola terrestris* (nest): Tiimensk oblast
- Haemogamasus arvicolarum* Berlese, 1920
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Arvicola sapidus: Medinaceli, Soria, Espana
- Haemogamasus citelli* Breg. et Nels.
Osipova, N. Z., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Citellus maximus
Meriones tamariscinus
Ellobius talpinus
Cricetulus migratorius
Mus musculus
all from Chuisk valley, Kirgiz SSR
- Haemogamasus citelli*
Protopopian, M. G.; et al., 1975, *Parazitologiya*, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Haemogamasus citelli* Breg. et Nelz.
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Haemogamasus citelli*
Reitblat, A. G.; Kalmykova, N. P.; and Emel'ianov, P. F., 1978, *Zool. Zhurnal*, v. 57 (11), 1732-1735
mites from nests of suslik, feeding on flea eggs and larvae and blood and albumen, comments on regular feeding habits; possible influence on flea populations
- Haemogamasus citelli*
Senotrusova, V. N., 1972, *Parazitologiya*, Leningrad, v. 6 (3), 246-251
Haemogamasus kitanoi, description of larva, protonymph, deutonymph, and male, valid species, differences from morphologically similar *H. citelli*
- Haemogamasus dauricus*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, *Parazitologiya*, Leningrad, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Haemogamasus hirsutosimilis* Wilm.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*, s. Biial. Navuk (5), 104-109
[*Apodemus flavicollis*]
[*Clethrionomys glareolus*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Haemogamasus hirsutosimilis*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Haemogamasus hirsutus* Berl.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Haemogamasus hirsutus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Haemogamasus hirsutus* Berlese, 1889, illus.
Troitskii, V. A., 1973, *Parazitologiya*, Leningrad, v. 7 (6), 526-530
Haemogamasus hirsutus, *H. liponyssoides*, females, deutonymphs, structure of cheliceral digits
- Haemogamasus hirsutus* Berlese, 1889
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Clethrionomys glareolus: Ortigosa, Logrono, Espana
- Haemogamasus horridus* Mich.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*, s. Biial. Navuk (5), 104-109
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Clethrionomys glareolus*]
all from Belorussian Polesia
- Haemogamasus horridus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Haemogamasus japonicus*
Nakata, K., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae: Tonden, Sapporo, Hokkaido

- Haemogamasus kitanoi* Asan., 1948, illus.
Senotrusova, V. N., 1972, *Parazitologiya*, Leningrad, v. 6 (3), 246-251
Haemogamasus kitanoi, description of larva, protonymph, deutonymph, and male, valid species, differences from morphologically similar *H. citelli*
- Haemogamasus kitanoi* Asan.
Senotrusova, V. N., 1973, *Parazitologiya*, Leningrad, v. 7 (4), 307-311
Haemogamasus kitanoi, biology and distribution in Kazakhstan (life cycle, feeding, reproduction, survival, parthenogenesis, starvation periods)
Alticola strelzovi
Ochotona pricei
[*O. rutila*]
[*Mustela erminea*]
all from Kazakhstan
- Haemogamasus liponissoides* Ewing
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, *Parazitologiya*, Leningrad, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Haemogamasus liponyssoides* Ewing, 1925, illus.
Troitskii, V. A., 1973, *Parazitologiya*, Leningrad, v. 7 (6), 526-530
Haemogamasus hirsutus, *H. liponyssoides*, females, deutonymphs, structure of cheliceral digits
- Haemogamasus liponyssoides*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Mustela frenata
Taxidea taxus
all from Indiana
- Haemogamasus nidi* Mich.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Apodemus*]
all from Belorussian Polesia
- Haemogamasus nidi*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Haemogamasus nidi* Mich.
Osipova, N. Z., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Cricetulus migratorius
Microtus arvalis
all from Chuisk valley, Kirgiz SSR
- Haemogamasus nidi* Mich.
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]: Tersko-Kumsk territory (North Caucasus)
- Haemogamasus nidi* Mich.
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Haemogamasus nidi*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, *Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Haemogamasus nidi* Michael, 1892
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Clethrionomys glareolus: El Rasillo, Logrono; Ortigosa, Logrono
Apodemus sylvaticus: El Rasillo, Logrono; Villanueva de los Escuderos, Cuenca
Microtus agrestis: El Rasillo, Logrono
M. arvalis: El Rasillo, Logrono; Villabuena, Caceres
Sorex araneus: El Rasillo, Logrono
all from Espana
- Haemogamasus nidi* Mich.
Zuevskii, A. P., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 352-358
+*Arvicola terrestris* (nest): Tiimensk oblast
- Haemogamasus occidentalis*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, *Northwest Sc.*, v. 53 (4), 268-273
Neurotrichus gibbsi
Scapanus orarius
S. townsendi
(fur of all): all from Oregon
- Haemogamasus pontiger* Berlese
Mehl, R., 1977, *Rhizocrinus* (9), 1-4
+*Delichon urbica* (nest): Ovre Heimdalsvatn, Oppland, Norway
+*Motacilla alba* (nest): Bjoreidalen, Hardangervidda, Hordaland, Norway
+*Sciurus vulgaris* (nest): Eiby, Alta, Finnmark, Norway
- Haemogamasus reidi* Ewing
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Glaucomyx volans: Fort Dix, New Jersey
- Haemogamasus reidi* Ewing
Sonenshine, D. E.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (2, pt. 1), 339-349
epizootiology of *Rickettsia prowazekii* in *Glaucomyx volans*, vector transmission suggested by occurrence of natural infections in *Orchopeas howardii* and *Neohaematopinus sciuropteri*, ecology of ectoparasites associated with *G. volans* (seasonal activity, abundance in nests)
Glaucomyx volans: Virginia; Maryland

- Haemogamasus reidi*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus hudsonius: British Columbia
Z. princeps: British Columbia; Nevada; Utah
Z. trinotatus: British Columbia; Washington
- Haemogamasus reidi*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Mustela frenata
Taxidea taxus
all from Indiana
- Haemogamasus reidi*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Haemogamasus reidi*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus orarius
S. townsendi
(fur of all): all from Oregon
- Haemogamasus reidi*
Whitaker, J. O., jr.; Maser, C.; and Wallace, W. M., 1979, Northwest Sc., v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Haemogamasus serdjukovae*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, Parazitologiya, Leningrad, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Haemolaelaps* sp.
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocenosis: Caspian part of Ural-Embinsk inter-river area
- Haemolaelaps* sp. (*glasgowi* group)
Yunker, C. E.; et al., 1975, J. Med. Entom., v. 12 (2), 250-255
ticks and mites, vectors of viral and rickettsial agents: Panama
- Haemolaelaps angustiscutis* Breg. 1952
Amanniazova, R. D., 1976, Med. Parazitol. i Parazit. Bolezni, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*; seasonal variation in density and age composition of *Hirstionyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Haemolaelaps angustiscutis*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocenosis: Caspian part of Ural-Embinsk inter-river area
- Haemolaelaps casalis* Berl.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Apodemus flavicollis*]: Belorussian Polesia
- Haemolaelaps casalis* Berl.
Borisova, V. I., 1972, Parazitologiya, Leningrad, v. 6 (5), 457-464
ecology of nest parasites of birds with emphasis on *Dermanyssus hirundinis*, *Ceratophyllus gallinae*, and *Carnus haemapterus*, seasonal changes in populations, adaptation of life cycles to host life cycles
+*Columba livia* (nest)
+*Riparia riparia* (nest)
+*Hirundo rustica* (nest)
+*Muscicapa hypoleuca* (nest)
+*Sturnus vulgaris* (nest)
+*Motacilla alba* (nest)
+*Emberiza citrinella* (nest)
+*Passer montanus* (nest)
all from Tatar ASSR
- Haemolaelaps casalis* (Berl.)
Tagil'tsev, A. A., 1971, Parazitologiya, Leningrad, v. 5 (4), 382-384
Myotis mystacinus: Zaisansk region, Eastern Kazakhstan oblast
- Haemolaelaps cubilis* Vshivkov
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Haemolaelaps ellobii* Breg.
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Haemolaelaps glasgowi*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, Parazitologiya, Leningrad, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Haemolaelaps glasgowi*
Keirans, J. E.; and Clifford, C. M., 1974, J. Med. Entom., v. 11 (3), 367-369
Spermophilus variegatus: Woodward Ranch, 35.2 km S Alpine, Brewster County, Texas
- Haemolaelaps glasgowi* (Ewing)
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Meriones tamariscinus
Ellobius talpinus
Cricetulus migratorius
Mus musculus
Apodemus agrarius
A. sylvaticus
Microtus arvalis
Ondatra zibethicus
all from Chuisk valley, Kirgiz SSR

- Haemolaelaps glasgowi* Ewing
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Haemolaelaps glasgowi* (Ewing)
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Haemolaelaps glasgowi* Ewing
Zonov, G. B.; and Iakuba, V. N., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 289-290
ectoparasites found in uninhabited tree hollows, possible places of contact with hosts: focus of tick-borne encephalitis in Predbaikal
- Haemolaelaps glasgowi* (Ewing)
Zuevskii, A. P., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 352-358
seasonal distribution
+*Arvicola terrestris* (nest): Tiumensk oblast
- Haemolaelaps longipes* Breg. 1952
Amanniazova, R. D., 1976, *Med. Parazitol. i Parazitar. Bolezni*, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*; seasonal variation in density and age composition of *Hirstionyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Haemolaelaps longipes* Breg.
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Haemolaelaps semidesertus* Breg.
Osipova, N. Z., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Allactaga major
A. elater
Meriones tamariscinus
all from Chuisk valley, Kirgiz SSR
- Haemolaelaps semidesertus* Breg.
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]: Tersko-Kumsk territory (North Caucasus)
- Halipeurus* (*Halipeurus*) *abnormis* (Piaget, 1885), *illus.*
Martin Mateo, M. P., 1978, *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 75, 1977, 149-159
synonymy, description
Puffinus diomedea: Columbrete Grande
- Halipeurus* (*Halipeurus*) *consimilis*, *illus.*
Palma, R. L.; and Pilgrim, R. L. C., 1977, *N. Zealand Entom.*, v. 6 (3), 290-292
Halipeurus consimilis, abnormal male without genitalia
Pterodroma inexpectata: S. W. Promontory, Snares Island, N. Zealand
- Halipeurus pelagicus* (Denny, 1842)
Fitzpatrick, C.; and Threlfall, W., 1977, *Canad. J. Zool.*, v. 55 (7), 1205-1209
Oceanodroma leucorhoa (breast, abdomen): Gull Island, Witless Bay, Newfoundland, Canada
- Hannemania dumni* Sambon, 1928
Shoemaker, J. P.; and Clark, J. G., 1975, *Proc. West Virginia Acad. Sc.*, v. 47 (1), 5-6
Eurycea bislineata (beneath skin of thighs, and abdomen): Lynn Creek, Wayne County, West Virginia
- Harpyrhynchidae* Dubinin 1957
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: *Acarina*), 145 pp.
Cheyletoidea
- Harpyrhynchus* sp.
Cooper, C. L.; Madden, J. E.; and Crites, J. L., 1975, *J. Med. Entom.*, v. 12 (2), 262
Quiscalus quiscula versicolor (skin): Franklin Co., Ohio
- Harpyrhynchus* sp.
Cooper, C. L.; and Troutman, E. L., 1974, *J. Med. Entom.*, v. 11 (2), 233
Molothrus ater ater (epidermis, dermis, and subcutaneous tissue): Ohio
- Harpyrhynchus* sp.
Stromberg, B. E.; and Nutting, W. B., 1973, *Acarologia*, v. 14 (4), 605-611
Demodex spp. (especially *D. caprae*) and 2 related genera, physical characteristics and chemistry of exoskeleton and pigment granules
- Hastaeophorus* v. Keler 1936
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
as syn. of *Saemundssonina Timmermann* 1936
- Hastaeophorus alpinus*, Keler, 1936
Martens, J. M., 1974, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 70, 119-163
as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)
- Hastaeophorus alpinus*, Keler, 1936 (part.)
Martens, J. M., 1974, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 70, 119-163
as syn. of *Saemundssonina tringae lobata* n. ssp.
- Hatschekia plectropomi* sp. n., *illus.*
Ho, J. S.; and Dojiri, M., 1978, *J. Parasitol.*, v. 64 (4), 727-730
Plectropomus leopardus (gills): Wistari Reef, Heron Island, and Lizard Island of the Great Barrier Reef, Australia
- Heaslipia montana* Kudrjasch., 1965
Muliarskaia, L. V., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan

- ?Hedyphanella superba Leigh-Sharpe, 1926
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *Herpyllobius arcticus* Steenstrup
& Luetken, 1861
- Helenicula kohlsi caucasica* Muljarsk., 1971
Muliarskaia, L. V., 1972, *Parazitologiia*, Len-
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Helenicula olsufievi* Schlug., 1955
Muliarskaia, L. V., 1972, *Parazitologiia*, Len-
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Helenicula simena* (Hsu et Chen, 1957)
Wang, C. S.; and Ku, Y. M., 1979, *Acta Entom.*
Sinica, v. 22 (1), 93-97
Dremomys pernyi: Kweichow Province, China
- Hemicheylatus*. See *Hemicheyletus*.
- Hemicheylatus* [sic] *herpestesi* n. sp., illus.
Nagar, S. K.; and Saxena, V. K., 1977, *Ann.*
Zool., Agra, v. 13 (1), 35-42
Herpestes edwardsii: Delhi Zoological Park,
New Delhi, India
- Hemimerus bouvieri* Chopard
Fain, A.; and Beaucournu, J. C., 1976, *Rev.*
Zool. Africaine, v. 90 (1), 181-187
Cricetomys gambianus: Butare, Rwanda
- Hemipyrellia ligurriens* (Wied.)
Roy, P.; and Dasgupta, B., 1971, *South African*
J. Med. Sc., v. 36 (4), 85-91
blowflies, parasitic development on living
vertebrates, preference for brain tissue
when feeding, invertebrates were poor breed-
ing material
Clarius batrachus
Bufo melanostictus
Rana tigrina
Hemidactylus fluviviridis
Columba livia
Suncus murinus
(all exper.)
- Hermilius* sp., illus.
Hameed, M. S.; and Pillai, N. K., 1972, *Hydro-*
biologia, v. 40 (2), 209-213
description of male
Arius sp. (gills): Trivandrum, India
- Hermilius pyriventris*
Hameed, M. S.; and Pillai, N. K., 1972, *Hydro-*
biologia, v. 40 (2), 209-213
Arius sp. (gills): Trivandrum, India
- Herpyllobiidae*
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
revised
includes: *Herpyllobius*; *Eurysilenium*; *Phal-*
lusiella
- Herpyllobius* Steenstrup & Luetken, 1861
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
Herpyllobiidae
description
- Herpyllobius* sp. Okada, 1932
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *H. nipponicus* sp. nov.
- Herpyllobius affinis* Hansen, 1887
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *Herpyllobius polynoes* (Krøyer,
1863)
- Herpyllobius affinis?* Stephensen, 1936
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *H. cordiformis* Luetzen, 1964
- Herpyllobius antarcticus* Vanhoeffen, 1913, illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
synonymy, description, hosts, distribution
- Herpyllobius arcticus* Steenstrup & Luetken, 1861,
illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
synonymy, description, hosts, distribution
- Herpyllobius arcticus* Steenstrup & Luetken,
1861, p. 426, fig. 40a
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *Herpyllobius polynoes* (Krøyer,
1863)
- Herpyllobius arcticus* [of] Levinsen, 1878 [et
auct.]
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *Herpyllobius polynoes* (Krøyer,
1863)
- Herpyllobius arcticus* [of] Haddon, 1913; [of]
Pettibone, 1953
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *Herpyllobius haddoni* sp. nov.
- Herpyllobius arcticus* [of] Gravier, 1912; 1913
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *H. antarcticus* Vanhoeffen, 1913
- Herpyllobius arcticus* [of] Gravier, 1912; 1913;
[of] Laubier, 1961
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *H. gravieri* sp. nov.
- Herpyllobius arcticus* [of] Stephensen, 1913 [et
auct.]
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
as syn. of *Eurysilenium oblongum* Hansen, 1887
- Herpyllobius australis* sp. nov., illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
Syn.: *H. arcticus?* [of] Laubier, 1961
Harmothoe spinosa (dorso-laterally between
adjacent parapodia)
- Herpyllobius cordiformis* Luetzen, 1964, illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
synonymy, description, hosts, distribution
- Herpyllobius gravieri* sp. nov., illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
Syn.: *H. arcticus* [of] Gravier, 1912; 1913;
[of] Laubier, 1961
Harmothoe spinosa: Baie Matha, 380 m, Ant-
arctic
- Herpyllobius haddoni* sp. nov., illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
Syn.: *H. arcticus* [of] Haddon, 1913; [of]
Pettibone, 1953
Harmothoe: San Juan Archipelago, Puget Sound
H. imbricata (body wall between parapodia):
Puget Sound
- Herpyllobius nipponicus* sp. nov., illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
Syn.: *Herpyllobius* sp. Okada, 1932
Lepidonotus pleiolepis (ventro-median sur-
face): South West Japan
- Herpyllobius polynoes* (Krøyer, 1863), illus.
Luetzen, J., 1964, *Ophelia*, v. 1 (2), 241-274
synonymy, description, hosts, distribution

- Heterochelidae Traegardh, 1950
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
transferred to Anystoidea
- Heterodoxus longitarsus
Yutuc, L. M., 1975, Philippine J. Vet. Med., v. 14 (1), 189-191
cysticercoids, may be Dipylidium sexcoronatum, found in abdomen of Heterodoxus longitarsus collected from dogs: Greater Manila Area
- Heterodoxus spiniger (Enderlein)
Wilson, N.; and Oliver, G. V., jr., 1979, Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records and review of previous records
Canis latrans: Texas
- Heterolaelaps Hirst, 1926
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
as syn. of Mesolaelaps Hirst, 1926
- Himantophagus Zlotorzyska, 1967
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
as syn. of subgenus Cummingsiella Ewing 1930
- Hippobosca cameli
Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
camels: north-western coastal region of Arab Republic of Egypt
- Hippobosca camellina
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
camels: imported to United Arab Republic
- Hippobosca equina
Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
horses: north-western coastal region of Arab Republic of Egypt
- Hippobosca equina, illus.
Hafez, M.; Hilali, M.; and Fouda, M., 1977, Ztschr. Ang. Entom., v. 83 (4), 426-441
Hippobosca equina, field-collected and laboratory-reared on guinea pigs, biology, adult males vs. females (feeding, longevity of starved adults in 2 seasons, longevity of normal adults and fecundity in 2 seasons, effect of presence of males on fecundity of females, sexual maturation, sex ratio); larval stage (larviposition, description, and duration of 3rd larval stage; seasonal intra-uterine larval development); pupal stage (duration, effect of temperature and humidity)
horses
+cows
buffaloes
donkeys
+camels
all from Egypt
- Hippobosca equina (Linnaeus, 1758)
Hafez, M.; Hilali, M.; and Fouda, M., 1979, Ztschr. Ang. Entom., v. 87 (3), 327-335
Hippobosca equina, ecological studies: host preference, seasonal abundance, adult habits, effect of host sex and colour on attraction of flies, mating behaviour, distribution on host body, sex ratio, breeding season
horses
cows
buffaloes
donkeys
camels
all from El-Aziziya village, El-Faiyum governate, Egypt
- Hippobosca equina L., 1761
Kadulski, S., 1975, Acta Parasitol. Polon., v. 23 (41-51), 493-535
- Hippobosca equina
Miller, P. L., 1977, J. Insect. Physiol., v. 23 (7), 855-860
Crataerina pallida, haltere activity and possible functions in this flightless hippoboscid fly, very brief observations on Melophagus ovinus (halteres absent), Hippobosca equina, and an apterous African nycteribiid
- Hippobosca equina L.
Ruzimuradov, A., 1974, Parazitologiya, Leningrad, v. 8 (5), 447-448
[Bos taurus]: Samarkand oblast
- Hippobosca equina
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
camels: imported to United Arab Republic
- Hippobosca longipennis, illus.
Hafez, M.; and Hilali, M., 1978, Vet. Parasitol., v. 4 (3), 275-288
Hippobosca longipennis, biology in Egypt, laboratory observations: adult emergence, feeding mechanism, frequency and amount of blood meal, tolerance to starvation, sexual maturity, mating behavior, sex ratio, intra-uterine larval development, larviposition and description of 3rd larval stage, adult longevity and fecundity, description of pupa, pupal duration (effect of temperature, relative humidity, and host)
- Hippobosca longipennis Fabricius, 1805
Mogi, M., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (3), 327-328
dog: Nepal
- Hippobosca longipennis F.
Ruzimuradov, A., 1974, Parazitologiya, Leningrad, v. 8 (5), 447-448
[Bos taurus]: Samarkand oblast
- Hippobosca maculata
Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
sheep
cattle
camels
all from north-western coastal region of Arab Republic of Egypt
- Hippobosca maculata
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
camels: imported to United Arab Republic

- Hippobosca variegata* Megerle, 1803
Mogi, M., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (3), 327-328
cattle: Nepal
- Hipposideroptes* Fain, 1970
O'Connor, B. M., 1978, J. N. York Entom. Soc., v. 86 (2), 123-129
Speleognathinae; key
- Hirstionyssus apodemi*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland
- Hirstionyssus* (H.) *butantanensis* (Fonseca, 1932), illus.
Herrin, C. S., 1974, J. Med. Entom., v. 11 (3), 341-346
Hirstionyssus butantanensis, synonymy, diagnosis, redescription of female, description of male and deutonymph
Mus musculus albinus: Sao Paulo Cidade, Brazil
- Hirstionyssus butantanensis*
Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Hirstionyssus carnifex*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Sorex araneus: Gory Sowie (Middle Sudetes), Poland
- Hirstionyssus criceti* Sulzer
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Hirstionyssus ellobii* Breg.
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Meriones tamariscinus: Chuisk valley, Kirgiz SSR
- Hirstionyssus eusoricis* Breg.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Apodemus flavicollis*]: Belorussian Polesia
- Hirstionyssus* (H.) *geomydis* (Keegan, 1946)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Pappogeomys tylosinus tylosinus: Zumpango, Estado de Mexico
- Hirstionyssus geomydis* (Keegan, 1946)
Ubelaker, J. E.; and Downhower, J. F., 1965, Tr. Kansas Acad. Sc., v. 68 (1), 206-208
Geomys bursarius (cheek pouches): Lawrence, Douglas Co., Kansas
- Hirstionyssus giganteus* sp. n., illus.
Zemskaja, A. A.; and Lange, A. B., 1979, Zool. Zhurnal, v. 58 (2), 269-273
Myospalax psilurus: eastern part of Mongolia in region of western foot-hill of Big Hingan
- Hirstionyssus* (H.) *incomptis* (Eads & Hightower, 1952)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Dipodomys phillipsi: San Cristobal El Seco, Puebla
- Hirstionyssus isabellinus* Oudms.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Microtinae*]
all from Belorussian Polesia
- Hirstionyssus isabellinus*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, Parazitologiya, Leningrad, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Hirstionyssus isabellinus* (Oudemans, 1913)
Gill, D.; and Strandtmann, R. W., 1977, J. Med. Entom., v. 14 (1), 101-106
Dicrostonyx torquatus: Bathurst Island, N. W. T., Canada
- Hirstionyssus isabellinus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Hirstionyssus isabellinus*
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
Apodemus giliacus
all from Tonden, Sapporo, Hokkaido
- Hirstionyssus isabellinus* Oudms.
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Meriones tamariscinus
Cricetulus migratorius
Mus musculus
Apodemus agrarius
Microtus arvalis
all from Chuisk valley, Kirgiz SSR

- Hirstionyssus isabellinus* (Oudms.), *illus.*
Sosnina, E. F., 1972, *Parazitologiya*, Leningrad, v. 6 (5), 444-450
ectoparasites found on fossil *Microtus gregalis* from Pleistocene, gamasid mites identified as *Hyperlaelaps arvalis* and *Hirstionyssus isabellinus*: Indigirka basin, Yakutia
- Hirstionyssus isabellinus* (Oudemans)
Timm, R. M., 1972, *Acarologia*, v. 14 (1), 18-20
Microtus pennsylvanicus: two miles south of Kearney, Kearney County, Nebraska
- Hirstionyssus isabellinus*
Volkov, V. I.; et al., 1979, *Vestnik Zool. Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Hirstionyssus isabellinus*
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus trinotatus: British Columbia
- Hirstionyssus isabellinus* (Oudms.)
Zuevskii, A. P., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 352-358
seasonal distribution
+*Arvicola terrestris* (nest): Tiimensk oblast
- Hirstionyssus kutscheruki* sp. n., *illus.*
Zemskaya, A. A.; and Lange, A. B., 1979, *Zool. Zhurnal*, v. 58 (2), 269-273
Myospalax psilurus: eastern part of Mongolia in region of western foot-hill of Big Hingan
- Hirstionyssus laticutatus* (de Meillon & Lavoinerie, 1944)
Herrin, C. S., 1974, *J. Med. Entom.*, v. 11 (3), 341-346
as syn. of *Hirstionyssus* (H.) *butantanensis* (Fonseca, 1932)
- Hirstionyssus laticutatus* (de M. et L.)
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Hirstionyssus meridianus* Zemsk., 1951
Amanniazova, R. D., 1976, *Med. Parazitol. i Parazitar. Bolezni*, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*; seasonal variation in density and age composition of *Hirstionyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Hirstionyssus meridianus* Zem.
Osipova, N. Z., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Citellus maximus
Allactaga elater
Meriones tamariscinus
Cricetulus migratorius
Ondatra zibethicus
all from Chuisk valley, Kirgiz SSR
- Hirstionyssus meridianus*
Protopopian, M. G.; et al., 1975, *Parazitologiya*, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocenosis: Caspian part of Ural-Embinsk inter-river area
- Hirstionyssus meridianus* Zem.
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Hirstionyssus musculi* Johnst.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR, s. Biial. Navuk* (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Hirstionyssus musculi* Bregotova (not Johnston, 1849), 1956
Herrin, C. S., 1974, *J. Med. Entom.*, v. 11 (3), 341-346
as syn. of *Hirstionyssus* (H.) *butantanensis* (Fonseca, 1932)
- Hirstionyssus musculi* (Johnst.)
Osipova, N. Z., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Meriones tamariscinus
Cricetulus migratorius
Mus musculus
Apodemus agrarius
A. sylvaticus
Microtus arvalis
Ondatra zibethicus
all from Chuisk valley, Kirgiz SSR
- Hirstionyssus obsoletus*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, *Northwest Sc.*, v. 53 (4), 268-273
Scapanus orarius (fur): Oregon
- Hirstionyssus ochotonae* Lange et Petrova, 1958, *illus.*
Senotrusova, V. N.; and Kapitonov, V. I., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 15-21
description of male and female
Ochotona rutila
Alticola argentatus
all from western Tien Shan mountains
- Hirstionyssus oryctolagi* Evans, 1966
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Eliomys quercinus: El Rasillo, Logrono, Espana
- Hirstionyssus pauli*, Willmann 1952, *illus.*
Solomon, L., 1973, *Acarologia*, v. 14 (4), 533-541
first description of male and deutonymph
nest: Poieni-Iassy, Roumanie

- Hirstionyssus soricis*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes),
Poland
- Hirstionyssus staffordi* Strandtmann and Hunt
Harlan, H. J.; and Kramer, R. D., 1979, *Entom.*
News, v. 90 (2), 79-87
Mephitis mephitis: Fort Dix, New Jersey
- Hirstionyssus* (*Mephitonyssus*) *staffordi* Strandt-
mann & Hunt, 1951
Hoffmann, A.; de Barrera, I. B.; and Mendez,
C., 1972, *Rev. Soc. Mexicana Hist. Nat.*, v. 33,
151-159
Mustela frenata perotae: Zacatlan, Puebla
- Hirstionyssus staffordi*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Procyon lotor
Mephitis mephitis
Taxidea taxus
all from Indiana
- Hirstionyssus sunci*
Nakata, K., 1979, *Eisei Dobutsu* (Japan. *J. San.*
Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small
rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
Apodemus giliacus
all from Tonden, Sapporo, Hokkaido
- Hirstionyssus talpae*
Nakata, K., 1979, *Eisei Dobutsu* (Japan. *J. San.*
Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small
rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae: Tonden,
Sapporo, Hokkaido
- Hirstionyssus transvaalensis*
Viljoen, S., 1977, *Zool. Afric.*, v. 12 (2),
498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Hirstionyssus utahensis* Allred & Beck, 1966
Eads, R. B., 1976, *J. Med. Entom.*, v. 12 (6),
701-702
Hirstionyssus utahensis, unusual population
buildups on *Spermophilus lateralis* in the
laboratory, extensive hair loss on one ani-
mal, emphasizes necessity for disinfecting
and quarantining wild rodents before intro-
ducing them into the laboratory
- Hirstionyssus* (*H.*) *utahensis* Allred & Beck, 1966
Hoffmann, A.; de Barrera, I. B.; and Mendez,
C., 1972, *Rev. Soc. Mexicana Hist. Nat.*, v. 33,
151-159
Microtus mexicanus mexicanus: El Zarco,
Estado de Mexico
- Hirstionyssus utahensis*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Vulpes vulpes: Indiana
- Hirsutiella ilagorensis* Daniel, 1960
Muliarskaia, L. V., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Hirsutiella zachvatkini* Schl.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-
skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*,
s. Biial. *Navuk* (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Apodemus*]
[*Microtinae*]
all from Belorussian Polesia
- Hirsutiella zachvatkini* Schlug., 1948
Muliarskaia, L. V., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Hohorstiella Eichler*, 1940
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas*
Entom. Soc., v. 51 (2), 307-327
key
Syn.: *Columbimenopon Ansari*, 1951
- Hohorstiella asiatica* sp. n., illus.
Fedorenko, I. A.; and Kekilova, A. F., 1978,
Izvest. Akad. Nauk Turkmen. SSR, s. *Biol.*
Nauk (2), 55-58
Streptopelia senegalensis: Turkmeniia
- Hohorstiella frontalis* Carriker, 1949
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas*
Entom. Soc., v. 51 (2), 307-327
key
Columba fasciata: Arizona; New Mexico
- Hohorstiella lata* (Piaget, 1880), illus.
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas*
Entom. Soc., v. 51 (2), 307-327
key
Syn.: *Menopon latum* Piaget, 1880
Columba livia: Calif.; So. Carolina; Texas;
Mexico
Zenaidura macroura: New York
- Hohorstiella paladinella* sp. nov., illus.
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas*
Entom. Soc., v. 51 (2), 307-327
key
Zenaidura macroura: Columbia, Mo.; Ft.
Apache, Ariz.; West End, New Orleans, La.;
30 mi S Marathon, Brewster Co., Texas;
10 mi NE of Van Horn, Culberson Co., Texas
Leptotila verreauxi: Chihuahua, Mexico
Zenaida asiatica: Escuinapa, Sinales,
Mexico
wild dove: Aqua Caliente Ranch, Tucson,
Ariz.
- Hohorstiella passerinae* sp. nov., illus.
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas*
Entom. Soc., v. 51 (2), 307-327
key
Columbigallina passerina: Guantanamo, Cuba;
Hog Cay, Ragged Islands, Bahama Islands;
Acklin Island, Bahama Islands; Grand Cay-
man, B.W.I.; Rosedale, Miss.
Scardafella inca: Brownsville, Cameron Co.,
Texas
- Holobomolochus nemipteri* sp. nov., illus.
Pillai, N. K., 1973, *Indian J. Fish.*, v. 20
(3), 487-496
Nemipterus japonicus (inner surface of
opercle): Kerala coast
- Holobomolochus spinulus* (Cressey, 1969), illus.
Kabata, Z., 1976, *J. Fish. Research Bd. Canada*,
v. 33 (11), 2507-2525
copepods, description of early larval stages

- Holomenopon [sp.]
Munro, R., 1978, *Fiji Agric. J.*, v. 40 (2), 91-96
duck: Fiji
- Holomenopon loomisii (Kellogg, 1896)
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, *Proc. Entom. Soc. Wash.*, v. 81 (2), 327-328
Mergus serrator: Ontario, Canada
- Holoparasitus intermedius
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle Sudetes), Poland
- Holoparasitus pseudoperforatus
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle Sudetes), Poland
- Homestiokinnyra new gen.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: Homestiokinnyra pipila new sp.
- Homestiokinnyra pipila new sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Pipilo erythrophthalmus: Lake Placid, Highlands County, Florida
- Hooperella
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key, key to species from Surinam
- Hooperella saccopteryx (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
Saccopteryx leptura
S. bilineata
all from Surinam
- Hooperella vesperuginis (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
Desmodus rotundus
Artibeus lituratus
Carollia perspicillata
Molossus ater
Saccopteryx bilineata
Micronycteris brachyotis
Phyllostomus elongatus
Trachops cirrhosus
all from Surinam
- Hooperella vesperuginis (atypical)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
Glossophaga soricina
Micronycteris brachyotis
Trachops cirrhosus
all from Surinam
- Hopkinsipsylla
Goncharov, A. I., 1971, *Parazitologiya, Leningrad*, v. 5 (4), 369-373
Leptopsyllidae
- Hoplopleura
Sosnina, E. F., 1972, *Parazitologiya, Leningrad*, v. 6 (5), 444-450
ectoparasites found on fossil Microtus gregalis from Pleistocene, gamasid mites identified as Hyperlaelaps arvalis and Hirstionyssus isabellinus: Indigirka basin, Yakutia
- Hoplopleura Enderlein, 1904
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Hoplopleura acanthopus Burm.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR, s. Biial. Navuk* (5), 104-109
[Clethrionomys glareolus]
[Apodemus flavicollis]
[Microtinae]
all from Belorussian Polesia
- Hoplopleura acanthopus (Burmeister)
Gill, D.; and Strandtmann, R. W., 1977, *J. Med. Entom.*, v. 14 (1), 101-106
Dicrostonyx torquatus: Bathurst Island, N. W. T., Canada
- Hoplopleura acanthopus
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Hoplopleura acanthopus
Novozhilova, E. N., 1971, *Parazitologiya, Leningrad*, v. 5 (4), 377-381
seasonal occurrence of ectoparasites of Clethrionomys glareolus and inhabitants of its nest, interrelationships between different groups of arthropods on the host and/or in its nest: Komi ASSR
- Hoplopleura acanthopus Burm
Popov, V. V., 1977, *Biul. Moskov. Obshch. Ispyt. Prir., Otdel Biol., n. s.*, v. 82 (4), 41-45
Microtus oeconomus
[Microtus arvalis]
Arvicola terrestris
[Microtus agrestis]
[Microtus gregalis]
[Clethrionomys glareolus]
Clethrionomys rutilus
[Apodemus agrarius]
[Ondatra zibethica]
[Sorex arcticus]
[Sorex araneus]
all from Tiumen oblast
- Hoplopleura acanthopus Burm., 1839
Sartbaev, S. K., 1974, *Entom. Issled. Kirgizii*, 95-97
[Microtus gregalis]: Kirgiziia

- Hoplopleura acanthopus* (Burm.)
Sosnina, E. F., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 371-374
sucking lice on small rodents, infestation in relation to type of forest, host age and sex, and season
Apodemus flavicollis
Microtus arvalis
all from Crimean mountains
- Hoplopleura acanthopus* Burmeister
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Mus platythrix
Rattus norvegicus
Tatera indica
all from Maharashtra State, India
- Hoplopleura acanthopus*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*, *Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Hoplopleura acanthopus* (Burmeister, 1839)
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Microtus agrestis: El Rasillo, Logrono
M. arvalis: El Rasillo, Logrono; Villanueva de los Escuderos, Cuenca
Eliomys quercinus: El Pardo, Madrid
all from Espana
- Hoplopleura affinis* Burm.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, *Vesti Akad. Nauk BSSR, s. Biial. Navuk* (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Hoplopleura affinis*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Hoplopleura affinis* (Burm.)
Sosnina, E. F., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 371-374
sucking lice on small rodents, infestation in relation to type of forest, host age and sex, and season
Apodemus flavicollis
Apodemus sylvaticus
all from Crimean mountains
- Hoplopleura affinis*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*, *Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Hoplopleura captiosa* Johnson, 1960
Kim, K. C.; and Emerson, K. C., 1974, *J. Med. Entom.*, v. 11 (1), 107-111
Mus musculus: Madagascar
- Hoplopleura edentula* Fahrenholz, 1916, illus.
Cerny, V., 1971, *Folia Parasitol.*, v. 18 (1), 62
Clethrionomys glareolus: Bohemia (Orlik, Misecky (Krkonose mountains)); Slovakia (St. Smokovec, Furkotska dolina (High Tatra), Holica (Low Tatra))
- Hoplopleura edentula*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Hoplopleura edentula* Fahrenholz, 1916
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Clethrionomys glareolus: El Rasillo, Logrono, Espana
- Hoplopleura erratica* (Osborn)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Tamius striatus: Fort Dix, New Jersey
- Hoplopleura erratica*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Mustela frenata: Indiana
- Hoplopleura maniculata* Neumann
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Tatera indica: Maharashtra State, India
- Hoplopleura pacifica* Ewing, 1924
Kim, K. C.; and Emerson, K. C., 1974, *J. Med. Entom.*, v. 11 (1), 107-111
Rattus rattus: Madagascar
- Hoplopleura pacifica* Ewing
Ramsay, G. W., 1977, *N. Zealand J. Zool.*, v. 4 (4), 393-394
Rattus exulans: Tokelau Islands
- Hoplopleura pacifica* Ewing, 1924
Wilson, N.; and Wodzicki, K., 1977, *N. Zealand J. Zool.*, v. 4 (4), 383-387
Rattus exulans: Niue Island
- Hoplopleura sciuricola* Ferris
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Sciurus carolinensis: Fort Dix, New Jersey
- Hoplopleura sciuricola* Ferris
Sonenshine, D. E.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (2, pt. 1), 339-349
epizootiology of *Rickettsia prowazekii* in *Glaucomys volans*, vector transmission suggested by occurrence of natural infections in *Orchopeas howardii* and *Neohaematopinus sciuropteri*, ecology of ectoparasites associated with *G. volans* (seasonal activity, abundance in nests)
Glaucomys volans: Virginia
- Hoplopleura trispinosa* Kellogg and Ferris
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Glaucomys volans: Fort Dix, New Jersey

- Hoplopsyllus* Baker, 1905
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
redefinition
- Hoplopsyllus* Baker, 1905
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
subgenus of *Hoplopsyllus*
redefinition
- Hoplopsyllus anomalus*
Keirans, J. E.; and Clifford, C. M., 1974, J. Med. Entom., v. 11 (3), 367-369
Spermophilus variegatus: Woodward Ranch, 35.2 km S Alpine, Brewster County, Texas
- Hoplopsyllus anomalus* (Baker)
Rutledge, L. C.; et al., 1979, J. Med. Entom., v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Spermophilus beecheyi
Perognathus californicus
Peromyscus boylei
Microtus californicus
Sylvilagus auduboni
all from Fort Hunter Liggett, Monterey County, California
- Hoplopsyllus foxi* Ewing
Rutledge, L. C.; et al., 1979, J. Med. Entom., v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Lynx rufus: Fort Hunter Liggett, Monterey County, California
- Hoplopsyllus glacialis affinis* (Baker)
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Sylvilagus floridanus
S. cunicularius
all from high mountains near Mexico City
- Hoplopsyllus glacialis profugus* Jordan, 1925
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
as syn. of *Euhoplopsyllus glacialis profugus* Jordan, 1925
- Hoplopsyllus* (*Hoplopsyllus*) *pectinatus* sp. nov., *illus.*
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Hoplopsyllus pectinatus sp. nov., *Cediopsylla tepolita* sp. nov., adaptation to host (a *Paleolaginae* rabbit), striking examples of slow evolution of parasites of "living fossil"; similarity with *Nesolagobius callosus*, a species of flea parasitic on *Nesolagus* (an Old World *Paleolaginae* rabbit) belonging to the *Archaeopsyllinae* rather than the *Spilopsyllinae*
Romerolagus diazi: 3,000 m altitude, near El Guarda, D. F. and Popocatepetl Volcano
- Hyalomma*
Sinha, R. P.; and Dubey, R. K., 1978, Indian Vet. J., v. 55 (5), 372-376
Anaplasma marginale outbreak in non-preimmune Jersey cattle imported from United States and Denmark to farm in Bihar, clinical symptoms and pathological findings, epizootiological factors responsible for outbreak (high ambient temperature, stress of vaccination for rinderpest virus, presence of tick vectors), control achieved through chemotherapy of sick and healthy animals, removal of vectors, and housing in cool sheds; outbreaks in exotic herds could be avoided if cattle were imported in early winter: India
- Hyalomma*
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
Ixodidae
key
- Hyalomma* spp.
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
camels: imported to United Arab Republic
- Hyalomma aegyptium*
Holt, P. E.; Cooper, J. E.; and Needham, J. R., 1979, J. Small Animal Practice, v. 20 (5), 269-286
Testudo: Britain
- Hyalomma* (*Hyalommasta*) *aegyptium*
McKeating, F. J., 1978, Vet. Rec., v. 103 (4), 79 [Letter]
Hyalomma aegyptium on *Testudo graeca* (under carapace at hind legs), potential as vectors of disease: imported into Britain
- Hyalomma anatolicum* Koch
Belozarov, V. N.; and Ghalal Murad, M., 1977, Entom. Obozr., v. 56 (3), 495-504
Hyalomma anatolicum, photoperiodic regulation of nymphal diapause, long-day type reaction, related to engorgement, seasonal-cyclic adaptation: Tadzhikistan and Turkmenia, USSR
- H[*yalomma*] *anatolicum*
Kan, P. T.; and Kholodov, I. Ia., 1978, Veterinariia, Moskva (6), 61-63
H[*yalomma*] *anatolicum*, aerol-2 aerosol for control in animal quarters, various dosages, dispersals and exposure times tested
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Srivastava, P. S.; and Sharma, N. N., 1978, Vet. Parasitol., v. 4 (1), 83-89
Theileria annulata-infected nymphs, adults, and ground tissues of *Hyalomma anatolicum*, infectivity for calves, all capable of inducing clinical theileriasis

- Hyalomma anatolicum
Valiev, B., 1977, Veterinariia, Moskva (10), 21-22
piroplasmiasis, cattle, control, elimination of tick vectors: Ishtykhansk region, Samarkandsk oblast
- Hyalomma anatolicum anatolicum
Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
cattle
camels
all from north-western coastal region of Arab Republic of Egypt
- Hyalomma anatolicum anatolicum
Bulman, G. M.; Arzo, G. M.; and Nassimi, M. N., 1979, Trop. Animal Health and Prod., v. 11 (1), 17-20
Theileria annulata, outbreak in Holstein bulls, history and clinical observations, diagnosis, treatment, infestation with Hyalomma anatolicum anatolicum: Kabul, Afghanistan
- Hyalomma (Hyalomma) a. anatolicum
Chaudhri, R. P.; Gill, B. S.; and Khan, M. H., 1975, Ann. Soc. Belge Med. Trop., v. 55 (4), 327-332
Babesia bigemina, transovarial transmission to Indian cattle (exper.) by Boophilus microplus, transmission by nymphs of Hyalomma a. anatolicum but not by larval or adult ticks, other ticks used in study failed to transmit infection
- Hyalomma anatolicum anatolicum
Gill, B. S.; et al., 1978, Internat. J. Parasitol., v. 8 (6), 467-469
Theileria annulata, calves, immunization by treating tick (Hyalomma anatolicum anatolicum) stabilize-induced infections with 1 or 2 doses of long-acting oxytetracycline vs. 8 doses of chlortetracycline
- Hyalomma anatolicum anatolicum
Jagdish, S.; et al., 1979, Vet. Rec., v. 104 (7), 140-142
Theileria annulata, immunising infection in calves by injecting ground up infected Hyalomma anatolicum anatolicum supernate, severity of reactions in rolitetracycline-treated vs. non-treated calves compared, adequate protection, durable immunity to subsequent severe homologous challenge
- Hyalomma anatolicum anatolicum
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Bos indicus
Ovis aries
all from Orissa state, India
- Hyalomma anatolicum anatolicum Koch 1844
Koshy, T. J.; Rajavelu, G.; and Lalitha, C. M., 1979, Indian J. Animal Sc., v. 49 (11), 962-963
Hyalomma anatolicum anatolicum, life cycle
cattle: Tamil Nadu
rabbits (exper.)
- Hyalomma a. anatolicum
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
donkey: Darfur Province, Sudan
- Hyalomma anatolicum anatolicum
Singh, D. K.; et al., 1979, Trop. Animal Health and Prod., v. 11 (2), 87-90
infectivity of ground-up tick supernates prepared from Theileria annulata-infected Hyalomma a. anatolicum adults preferred for variable periods of time
- Hyalomma anatolicum anatolicum
Singh, D. K.; Jagadish, S.; and Gautam, O. P., 1979, Am. J. Vet. Research, v. 40 (6), 767-769
Theileria annulata, Bos indicus x Bos taurus, immunization using irradiated infective particles derived from Hyalomma a. anatolicum
- Hyalomma (Hyalomma) anatolicum anatolicum Koch
Srivastva, S. P.; and Watta, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Mus platythrinx
Rattus rattus
Tatera indica
buffalo
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- Hyalomma anatolicum anatolicum
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Theileria spp., rapid quantitative assessment of infection in ticks, simplified method for methyl green pyronin staining of salivary glands
- Hyalomma anatolicum excavatum
Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
sheep
goats
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camels
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- Hyalomma anatolicum excavatum
Hadani, A.; Kaufman, W.; and Barnett, S. F., 1978, J. Parasitol., v. 64 (3), 501-503
Nuttallia danii, development within Hyalomma anatolicum excavatum salivary glands held in organ culture in vitro
- Hyalomma anatolicum excavatum Koch, 1844
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
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Shemesh, M.; et al., 1979, Bull. Entom. Research, v. 69 (3), 381-385
Hyalomma anatolicum excavatum, synthesis and content of prostaglandins in salivary glands, reproductive organs, and egg-batches, higher in females than males

- Hoplopsyllus Baker, 1905
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
redefinition
- Hoplopsyllus Baker, 1905
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
subgenus of Hoplopsyllus
redefinition
- Hoplopsyllus anomalus
Keirans, J. E.; and Clifford, C. M., 1974, J. Med. Entom., v. 11 (3), 367-369
Spermophilus variegatus: Woodward Ranch, 35.2 km S Alpine, Brewster County, Texas
- Hoplopsyllus anomalus (Baker)
Rutledge, L. C.; et al., 1979, J. Med. Entom., v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Spermophilus beecheyi
Perognathus californicus
Peromyscus boylei
Microtus californicus
Sylvilagus auduboni
all from Fort Hunter Liggett, Monterey County, California
- Hoplopsyllus foxi Ewing
Rutledge, L. C.; et al., 1979, J. Med. Entom., v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Lynx rufus: Fort Hunter Liggett, Monterey County, California
- Hoplopsyllus glacialis affinis (Baker)
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Sylvilagus floridanus
S. cunicularius
all from high mountains near Mexico City
- Hoplopsyllus glacialis profugus Jordan, 1925
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
as syn. of Euhoplopsyllus glacialis profugus Jordan, 1925
- Hoplopsyllus (Hoplopsyllus) pectinatus sp. nov., illus.
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Hoplopsyllus pectinatus sp. nov., Cediopsylla tepolita sp. nov., adaptation to host (a Paleolaginae rabbit), striking examples of slow evolution of parasites of "living fossil"; similarity with Nesolagobius callosus, a species of flea parasitic on Nesolagus (an Old World Paleolaginae rabbit) belonging to the Archaeopsyllinae rather than the Spilopsyllinae
Romerolagus diazi: 3,000 m altitude, near El Guarda, D. F. and Popocatepetl Volcano
- Hyalomma
Sinha, R. P.; and Dubey, R. K., 1978, Indian Vet. J., v. 55 (5), 372-376
Anaplasma marginale outbreak in non-preimmune Jersey cattle imported from United States and Denmark to farm in Bihar, clinical symptoms and pathological findings, epizootiological factors responsible for outbreak (high ambient temperature, stress of vaccination for rinderpest virus, presence of tick vectors), control achieved through chemotherapy of sick and healthy animals, removal of vectors, and housing in cool sheds; outbreaks in exotic herds could be avoided if cattle were imported in early winter: India
- Hyalomma
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
Ixodidae
key
- Hyalomma spp.
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
camels: imported to United Arab Republic
- Hyalomma aegyptium
Holt, P. E.; Cooper, J. E.; and Needham, J. R., 1979, J. Small Animal Practice, v. 20 (5), 269-286
Testudo: Britain
- Hyalomma (Hyalommasta) aegyptium
McKeating, F. J., 1978, Vet. Rec., v. 103 (4), 79 [Letter]
Hyalomma aegyptium on Testudo graeca (under carapace at hind legs), potential as vectors of disease: imported into Britain
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- Hyalomma anatolicum excavatum* Koch, 1844
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Apodemus sylvaticus: Ermita San Bartolome, Soria; and El Rasillo, Logrono, Espana
- Hyalomma asiaticum*, illus.
Balashov, Iu. S., 1979, [Atlas of electron microscopic anatomy of ixodid ticks], 255 pp.
- Hyalomma asiaticum*, illus.
Balashov, Iu. S.; Daiter, A. B.; and Khavkin, T. N., 1972, Parazitologiya, Leningrad, v. 6 (1), 22-25
Hyalomma asiaticum, distribution of Burnet's rickettsiae in body of tick
- Hyalomma asiaticum* P. Sch. et E. Schl., illus.
Balashov, Iu. S.; and Raikhel, A. S., 1973, Parazitologiya, Leningrad, v. 7 (3), 231-237
Hyalomma asiaticum, Malpighian tubes, electron microscope studies
- Hyalomma asiaticum* P. Sch. et E. Sch.
Chaika, S. Iu., 1977, Tsitologiya, v. 19 (11), 1221-1224
various blood-sucking arthropods, ultrastructure of glycocalyx of microvilli in midgut, differences among groups
- Hyalomma asiaticum*
Gaidamovich, Sophia Ia.; Klisenko, G. A.; and Grokhovskaia, I. M., 1979, Intervirology, v. 11 (5), 288-290
Hyalomma asiaticum, rapid method for detection of Bhanja virus in experimentally infected ticks
- Hyalomma asiaticum* P. Sch. et E. Schl., 1929
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Hyalomma asiaticum* P. Sch. et E. Schl.
Kulin, E. T.; et al., 1977, Izvest. Akad. Nauk SSSR, s. Biol. (3), 357-362
Hyalomma asiaticum, Cimex lectularius, locomotor responses under influence of electromagnetic fields of differing frequencies and intensities
- Hyalomma asiaticum*, illus.
Leonovich, S. A., 1978, Entom. Obozr., v. 57 (1), 221-226
Hyalomma asiaticum, Haller's organ, fine structure
- Hyalomma asiaticus*, illus.
Leonovich, S. A., 1979, Zool. Zhurnal, v. 58 (3), 437-439
Hyalomma asiaticus, eyes, ultrastructure
- Hyalomma asiaticum*
Musatov, V. A., 1978, Veterinariia, Moskva (6), 57-61
ixodid ticks, pathology of host skin reaction to bite and feeding, nonspecific (innate) reaction and specific immune reaction
- Hyalomma asiaticus*
Raikhel, A. S., 1978, Tsitologiya, v. 20 (3), 345-347
Hyalomma asiaticus, acid phosphatase in rickettsia in Malpighian tubules
- Hyalomma asiaticum* P. Sch. et E. Schl.
Sinitsina, E. E., 1974, Parazitologiya, Leningrad, v. 8 (3), 223-226
Hyalomma asiaticum, electrophysiological reactions of neurons of Haller's organ to odor stimuli
- Hyalomma asiaticum* P. Sch. et E. Schl.
Smirnova, S. N.; and Dremova, V. P., 1971, Parazitologiya, Leningrad, v. 5 (4), 357-360
Rhipicephalus turanicus, *Hyalomma* spp., sensitivity to various repellents
- Hyalomma asiaticum asiaticum* Schulze et Schlottko Berdyev, A., 1972, Parazitologiya, Leningrad, v. 6 (1), 30-34
Hyalomma asiaticum asiaticum, duration of life cycle in natural biotopes (burrows of [Rhombomys opimus]), temperature requirements: Turkmenia
- Hyalomma asiaticum asiaticum*
Niiiazov, A. N.; et al., 1977, Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk (6), 68-70
ixodid ticks, naphthenates tested as acaricides
- Hyalomma asiaticum asiaticum*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of Rhombomys opimus in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Hyalomma asiaticum kozlovi* Ol.
Hwang, C. A., 1978, Acta Entom. Sinica, v. 21 (4), 455-456
Hyalomma asiaticum kozlovi, life history
- Hyalomma brevipunctata*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Mus sp.
Rattus blanfordi
all from Orissa state, India
- Hyalomma brevipunctata* Sharif
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
dog: Maharashtra State, India
- Hyalomma detritum*
Niiiazov, A. N.; et al., 1977, Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk (6), 68-70
ixodid ticks, naphthenates tested as acaricides
- Hyalomma detritum* (Schulze, 1919)
Samish, M.; and Pipano, E., 1978, Parasitology, v. 77 (3), 375-379
time-course for development of infectivity in *Hyalomma detritum* ticks fed as pre-imagoes on Theileria annulata-infected calves, unfed adults derived from infected nymphs were non-infectious whereas ticks of both sexes that had fed for 2-3 days or longer on calves or rabbits were always infectious

- Hyalomma detritum* P. Sch.
Smirnova, S. N.; and Dremova, V. P., 1971, *Parazitologiya, Leningrad*, v. 5 (4), 357-360
Rhipicephalus turanicus, *Hyalomma* spp., sensitivity to various repellents
- Hyalomma detritum*
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
cow calf: Maharashtra State, India
- H[*yalomma*] *detritum*
Valiev, B., 1977, *Veterinariia, Moskva* (10), 21-22
piroplasmosis, cattle, control, elimination of tick vectors: Ishtykhansk region, Samarkandsk oblast
- Hyalomma detritum*
Vulchovski, Ia.; et al., 1977, *Vet. Sbirka*, v. 75 (5), 26-29
tick control important in prophylaxis of piroplasmosis under range conditions: Bulgaria
- Hyalomma dromedarii*
Atef, M.; and El-Say, A., 1976, *J. Egypt. Vet. Med. Ass.*, v. 35 (3), 73-84
Hyalomma dromedarii, *Rhipicephalus s. sanguineus*, laboratory tests (immersion technique) with delnav, supona, toxaphene, BHC camels: north-western coastal region of Arab Republic of Egypt
- Hyalomma (Hyalomma) dromedarii*
Chaudhri, R. P.; Gill, B. S.; and Khan, M. H., 1975, *Ann. Soc. Belge Med. Trop.*, v. 55 (4), 327-332
Babesia bigemina, transovarial transmission to Indian cattle (exper.) by *Boophilus microplus*, transmission by nymphs of *Hyalomma a. anatolicum* but not by larval or adult ticks, other ticks used in study failed to transmit infection
- Hyalomma dromedarii*
Crampton, P. L.; and Gichanga, M. M., 1979, *Bull. Entom. Research*, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Hyalomma dromedarii*
El-Bahay, G. H.; et al., 1978, *Vet. Med. J., Giza*, v. 24 (24), 1976, 205-213
Hyalomma dromedarii, *Argas persicus*, evaluation of 10 insecticides
- Hyalomma dromedarii*
Hamdy, B. H., 1977, *J. Med. Entom.*, v. 14 (1), 15-18
ixodid ticks, comparative analysis of excretory products during feeding
- Hyalomma dromedarii* Koch, 1844
Honzakova, E., 1971, *Folia Parasitol.*, v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Hyalomma dromedarii* (Koch)
Nawrocka, E., 1978, *Acta Microbiol. Polon.*, v. 27 (1), 19-24
Hyalomma dromedarii, replication of tick-borne encephalitis virus and penetration into salivary glands and ovaries of *H. dromedarii*
- Hyalomma dromedarii*
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zoogeographical distribution
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cow: Maharashtra State, India
- Hyalomma franchinii*
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camels: north-western coastal region of Arab Republic of Egypt
- Hyalomma hussaini*
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Capra hircus: Orissa state, India
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all from north-western coastal region of Arab Republic of Egypt
- Hyalomma impeltatum*
Mohammed, A. N., 1977, *Bull. Animal Health and Prod. Africa*, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Hyalomma impeltatum*
Osman, O. M., 1978, *Bull. Animal Health and Prod. Africa*, v. 26 (4), 329-333
zoogeographical distribution
cattle
sheep
goats
camel
dog
all from Darfur Province, Sudan
- Hyalomma impeltatum*
Wood, O. L.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (3), 600-604
ixodid ticks, isolation of Crimean-Congo hemorrhagic fever, Thogoto, Dugbe, and Jos viruses: Ethiopia
- Hyalomma impressum*
Mohammed, A. N., 1977, *Bull. Animal Health and Prod. Africa*, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria

- Hyalomma impressum*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
dogs: Darfur Province, Sudan
- Hyalomma kumari*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Mus saxicola: Orissa state, India
- Hyalomma (Hyalomma) kumari Sharif*
Miranpuri, G. S.; Singh, J.; and Lahkar, B. C., 1978, Indian J. Ecol., v. 5 (1), 23-29
ixodid ticks of domestic and wild animals, survey, distribution, host-relationship
sheep: Assam Valley, India
- Hyalomma lusitanicum*
Respaldiza Cardenosa, E., 1974, An. Inst. Nac. Invest. Agrar., s. Hig. y San. Animal (1), 167-181
Ixodidae, vectors of neorickettsias, none found in Dermacentor marginatus: Spain
- Hyalomma lusitanicum (Koch, 1844)*
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Eliomys quercinus lusitanicus: Donana, Huelva, Espana
- Hyalomma marginatum*
Gresikova, M.; et al., 1978, Acta Virol., Internat. J., English ed., v. 22 (3), 231-232
Hyalomma marginatum, isolation and identification of Sindbis virus: Sicily
- Hyalomma marginatum*
Petrelli, G.; and Crestini, A. M., 1976, Parassitologia, v. 18 (1-3), 85-94
Ixodes ricinus, *Hyalomma marginatum*, effect of different combinations of temperature and humidity on oviposition
- Hyalomma marginatum Koch, 1844*
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parassitologia, v. 18 (1-3), 109-118
Ovis aries: Provincia di l'Aquila, Abruzzo, Italia
- Hyalomma marginatum*
Sreenivasan, M. A.; Bhat, H. R.; and Rajagopalan, P. K., 1979, Indian J. Med. Research, v. 69, 708-713
partly fed ixodid ticks, transmission of Kyaasanur forest disease virus
- Hyalomma (Hyalomma) marginatum isaaci*
Chaudhri, R. P.; Gill, B. S.; and Khan, M. H., 1975, Ann. Soc. Belge Med. Trop., v. 55 (4), 327-332
Babesia bigemina, transovarial transmission to Indian cattle (exper.) by Boophilus microplus, transmission by nymphs of *Hyalomma a. anatolicum* but not by larval or adult ticks, other ticks used in study failed to transmit infection
- Hyalomma marginatum isaaci Sharif, 1928*
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
horse: Arunachal Pradesh, India
- Hyalomma marginatum isaaci Sharif*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Centropus sinensis
Bubalus bubalis
all from Orissa state, India
- Hyalomma marginatum isaaci Sharif*
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
ox: Maharashtra State, India
- Hyalomma marginatum marginatum Koch, 1844*
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Hyalomma marginatum rufipes*
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of Rhipicephalus appendiculatus makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Hyalomma marginatum rufipes*
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Hyalomma marginatum rufipes Koch*
Knight, M. M.; Norval, R. A. I.; and Rechav, Y., 1978, J. Parasitol., v. 64 (1), 143-146
Hyalomma marginatum rufipes, life cycle under laboratory conditions, definitely showed two host type of cycle
- Hyalomma marginatum rufipes*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
zebra
buffalo
cattle
all from Zambia
- Hyalomma marginatum rufipes*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Hyalomma marginatum rufipes*
Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
cattle: Kandeya Tribal Trust Land, north-east Rhodesia
- Hyalomma marginatum rufipes*
Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia

- Hyalomma marginatum rufipes*
Norval, R. A. I., 1979, *J. Parasitol.*, v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Hyalomma m[arginatum] rufipes*
Osman, O. M., 1978, *Bull. Animal Health and Prod. Africa*, v. 26 (4), 329-333
zoogeographical distribution
cattle
sheep
goats
camels
horses
donkey
all from Darfur Province, Sudan
- Hyalomma marginatum rufipes*
Rechav, Y.; Whitehead, G. B.; and Terry, S. B., 1978, *J. South African Vet. Ass.*, v. 49 (2), 99-101
ticks, mortality curves of larvae dipped in dioxathion, chlorphenvinphos, and oxionthiophos, time of application, larvae of ticks exhibit diel periodicity in sensitivity to acaricides
- Hyalomma marginatum turanicum*
Atef, M.; and El-Say, A., 1976, *J. Egypt. Vet. Med. Ass.*, v. 35 (3), 73-84
sheep
goats
camels
all from north-western coastal region of Arab Republic of Egypt
- Hyalomma m[arginatum] turanicum*
Osman, O. M., 1978, *Bull. Animal Health and Prod. Africa*, v. 26 (4), 329-333
zoogeographical distribution
donkey: Darfur Province, Sudan
- Hyalomma nitidum*
Mohammed, A. N., 1977, *Bull. Animal Health and Prod. Africa*, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Hyalomma nitidum*
Morel, P. C., 1978, *Rev. Elevage et Med. Vet. Pays Trop.*, n. s., v. 31 (1), 69-78
Phacochoerus aethiopicus
Hippotragus equinus
all from Haute-Volta
- Hyalomma plumbeum*
Monov, M.; Petrov, D.; and Milushev, I., 1977, *Vet. Med. Nauki*, v. 14 (5), 48-54
ixodid ticks, distribution, seasonal activity, descriptions of biotopes: Northwest Bulgaria
- Hyalomma plumbeum*
Tsintsadze, D. Sh.; and Gugushvili, G. K., 1978, *Soobshch. Akad. Nauk Gruzinsk. SSR*, v. 92 (3), 729-732
Ixodidae spp. found not to be vectors of *Listeria monocytogenes* in confirmed bovine disease foci: Georgian SSR
- Hyalomma plumbeum*
Vulchovski, Ia.; et al., 1977, *Vet. Sbirka*, v. 75 (5), 26-29
tick control important in prophylaxis of piroplasmiasis under range conditions: Bulgaria
- Hyalomma punctata*
Monov, M.; Petrov, D.; and Milushev, I., 1977, *Vet. Med. Nauki*, v. 14 (5), 48-54
ixodid ticks, distribution, seasonal activity, descriptions of biotopes: Northwest Bulgaria
- Hyalomma puta* Pickard-Cambridge, 1876
Keirans, J. E.; and Clifford, C. M., 1978, *J. Med. Entom.*, suppl. 2, 149 pp.
as syn. of *Ixodes (Ceratiixodes) uriae* White, 1852
- Hyalomma rufipes*
Morel, P. C., 1978, *Rev. Elevage et Med. Vet. Pays Trop.*, n. s., v. 31 (1), 69-78
Quelea quelea
Francolinus bicalcaratus
Alcelaphus major
Eupodotis senegalensis
Cossypha albicapilla
Lepus crawshayi
Lepus sp.
Cinnyricinclus leucogaster
Serinus mozambicus
Syncerus caffer
Otus leucotis
Tyto alba affinis
all from Haute-Volta
- Hyalomma rufipes*
Selim, M. K.; et al., 1970, *Vet. Med. J.*, Giza, v. 17 (18), 173-193
cattle: imported to United Arab Republic
- Hyalomma scupense*
Reshetniak, V. Z.; Bartenev, V. S.; and Firsov, N. F., 1977, *Veterinariia*, Moskva (10), 79
anaplasmosis, sheep outbreak, pathology, oxytetracycline effective treatment; *Hyalomma scupense* as probable vector, hexachlorane in creolin emulsion for control; no further anaplasmosis or *H. scupense* found: Rostovsk oblast
- Hyalomma sulcata*
Tsintsadze, D. Sh.; and Gugushvili, G. K., 1978, *Soobshch. Akad. Nauk Gruzinsk. SSR*, v. 92 (3), 729-732
Ixodidae spp. found not to be vectors of *Listeria monocytogenes* in confirmed bovine disease foci: Georgian SSR
- Hyalomma truncatum*
Berggren, S. A., 1978, *Vet. Parasitol.*, v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi

- Hyalomma truncatum*
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Hyalomma truncatum*
Hammant, C. A., 1977, Rhodesian Vet. J., v. 8 (4), 67-70
ticks, resistance survey of field strains to commonly used ixodocides, changeover from arsenic to dioxathion dipping of cattle, dramatic improvement in tick control, necessitates complete overhaul of dipping facilities and retraining of personnel: Tribal Trust Lands of Rhodesia
- Hyalomma truncatum*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
buffalo
zebra
warthog
elephant
hippopotamus
lion
cattle
eland
sable antelope
roan antelope
kudu
defassa waterbuck
grysbok
all from Zambia
- Hyalomma truncatum*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Hyalomma truncatum*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Phacochoerus aethiopicus
Tragelaphus scriptus
Hippotragus equinus
Lepus crawshayi
Syncerus caffer
all from Haute-Volta
- Hyalomma truncatum*
Nagy, G., 1971, J. South African Vet. Ass., v. 42 (3), 227-232
Hyalomma truncatum, *Rhipicephalus capensis*, *Ixodes rubicundus*, sheep, no relationship between tick infestation and incidence of caseous lymphadenitis: Karoo, South Africa
- Hyalomma truncatum*
Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
cattle: Kandeya Tribal Trust Land, north-east Rhodesia
- Hyalomma truncatum*
Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Hyalomma truncatum*
Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Hyalomma truncatum*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
cattle
sheep
goats
camels
horses
all from Darfur Province, Sudan
- Hydrachna* sp.
Tedla, S.; and Fernando, C. H., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 833-843
Perca flavescens (gill filaments): Bay of Quinte, Lake Ontario
- Hyperlaelaps arvalis* Zachv.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]: Belorussian Polesia
- Hyperlaelaps arvalis*
Novozhilova, E. N., 1971, Parazitologiya, Leningrad, v. 5 (4), 377-381
seasonal occurrence of ectoparasites of *Clethrionomys glareolus* and inhabitants of its nest, interrelationships between different groups of arthropods on the host and/or in its nest: Komi ASSR
- Hyperlaelaps arvalis* (Zachv.)
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Apodemus sylvaticus
Microtus arvalis
all from Chuisk valley, Kirgiz SSR
- Hyperlaelaps arvalis* (Zachv.), illus.
Sosnina, E. F., 1972, Parazitologiya, Leningrad, v. 6 (5), 444-450
ectoparasites found on fossil *Microtus galis* from Pleistocene, gamasid mites identified as *Hyperlaelaps arvalis* and *Hirstionyssus isabellinus*: Indigirka basin, Yakutia
- Hyperlaelaps microti*
Britt, D.; and Molyneux, D. H., 1979, J. Parasitol., v. 65 (3), 408
Sciurus carolinensis: Delamere Forest, Cheshire, England

- Hyperlaelaps microti*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Hyperlaelaps microti* (Ewing)
Timm, R. M., 1972, *Acarologia*, v. 14 (1),
18-20
Microtus pennsylvanicus: two miles south
of Kearney, Kearney County, Nebraska
- Hyperlaelaps microti* (Ewing, 1933)
Zapatero Ramos, L. M.; Guillen Llera, J. L.;
and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Apodemus sylvaticus: Ermita de San Bartolome,
Soria
Microtus arvalis: Ermita de San Bartolome,
Soria; El Rasillo, Logrono; and Villanueva
de los Escuderos, Cuenca
M. agrestis: El Rasillo, Logrono
Arvicola sapidus: Renales, Guadalajara
all from Espana
- Hypoaspis* sp.
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle
Sudetes), Poland
- Hypoaspis* sp.
Nakata, K., 1979, *Eisei Dobutsu* (Japan. J. San.
Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small
rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae: Tonden,
Sapporo, Hokkaido
- Hypoaspis* sp.
Protopopian, M. G.; et al., 1975, *Parazitologiia*,
Leningrad, v. 9 (2), 165-174
specific composition of arthropod popula-
tions inhabiting burrows of *Rhombomys opimus*
in natural plague nidus, different ecological
groups, structure of microbiocoenosis: Cas-
pian part of Ural-Embinsk inter-river area
- Hypoaspis* sp.
Ramsay, G. W., 1977, *N. Zealand J. Zool.*, v. 4
(4), 393-394
Rattus exulans: Tokelau Islands
- Hypoaspis* sp.
Reitblat, A. G., 1970, *Parazitologiia*, Lenin-
grad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Cau-
casus)
- Hypoaspis* sp.
Whitaker, J. O., jr., 1977, *Proc. Indiana*
Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Hypoaspis* sp.
Whitaker, J. O., jr., 1979, *Am. Midland Natu-
ralist*, v. 101 (1), 49-60
Zapus princeps: British Columbia; Wyoming
Z. trinotatus: British Columbia; Washington
- Hypoaspis aculeifer*
Protopopian, M. G.; et al., 1975, *Parazitologiia*,
Leningrad, v. 9 (2), 165-174
specific composition of arthropod popula-
tions inhabiting burrows of *Rhombomys opimus*
in natural plague nidus, different ecological
groups, structure of microbiocoenosis: Cas-
pian part of Ural-Embinsk inter-river area
- Hypoaspis aculeifer* (Can.)
Volianskii, Iu. E., 1974, *Parazitologiia*,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*,
seasonal changes in abundance, females were
dominant in collections: vicinity of Odessa,
south-eastern Ukraine
- Hypoaspis alamedinus* sp. n. [?nom. nud.]
Osipova, N. Z., 1971, *Parazitologiia*, Lenin-
grad, v. 5 (3), 274-280
- Hypoaspis chaetopus* Meled. 1963
Amanniazova, R. D., 1976, *Med. Parazitol. i*
Parazitar. Bolezni, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*;
seasonal variation in density and age compo-
sition of *Hirstionyssus meridianus*, *Haemo-
laelaps longipes*, and *H. angustiscutis*: sub-
mountain plains of Kopetdag
- Hypoaspis heselhausi*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Hypoaspis heselhausi* Oud.
Volianskii, Iu. E., 1974, *Parazitologiia*,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*,
seasonal changes in abundance, females were
dominant in collections: vicinity of Odessa,
south-eastern Ukraine
- Hypoaspis kirgisisicus* sp. n. [?nom. nud.]
Osipova, N. Z., 1971, *Parazitologiia*, Lenin-
grad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and
habitat adaptation, host relationships, sea-
sonal dynamics
Citellus maximus
Meriones tamariscinus
Ellobius talpinus
Cricetulus migratorius
Mus musculus
Apodemus agrarius
Microtus arvalis
all from Chuisk valley, Kirgiz SSR
- Hypoaspis kserofillus* sp. n. [?nom. nud.]
Osipova, N. Z., 1971, *Parazitologiia*, Lenin-
grad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and
habitat adaptation, host relationships, sea-
sonal dynamics
Meriones tamariscinus
Ellobius talpinus
Cricetulus migratorius
Mus musculus
all from Chuisk valley, Kirgiz SSR
- Hypoaspis leviculus*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Procyon lotor: Indiana
- Hypoaspis lubrica*
Whitaker, J. O., jr., 1977, *Proc. Indiana*
Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana

- Hypoaspis murinus* Strandt. et Menzies 1948
Amanniazova, R. D., 1976, Med. Parazitol. i Parazitar. Bolezni, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*;
seasonal variation in density and age composition of *Hirstionyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Hypoaspis murinus* Strandtm. et Men.
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Meriones tamariscinus
Cricetulus migratorius
Mus musculus
all from Chuisk valley, Kirgiz SSR
- Hypoaspis murinus*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Hypoaspis murinus* Strandt. et Men.
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Hypoaspis murinus* Str. et Men.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Hypoaspis oblonga*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus arvalis
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Hypoaspis praesternalis* Willm.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Hypoaspis quadridentatus* Allred. 1970
Amanniazova, R. D., 1976, Med. Parazitol. i Parazitar. Bolezni, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*;
seasonal variation in density and age composition of *Hirstionyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Hypoaspis sardoa*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Hypoderma*
Boulard, C. F., 1979, Vet. Parasitol., v. 5 (4), 379-387
Hypoderma-infected or uninfected calves, treatment with fenthion or trichlorfon, blood histamine levels, circulating antibody titers to *Hypoderma lineatum* antigen in infected calves; blood histamine levels in guinea pigs after injection of ground-up *Hypoderma lineatum* larvae or application of fenthion
- [*Hypoderma*] *gipodermatoz*
Getta, G. I., 1977, Sborn. Nauch. Rabot SibNIVI (28), 72-75
hypodermatosis, cattle, insecticides, repellents
- Hypoderma*
Graham, O. H.; and Hourrigan, J. L., 1977, J. Med. Entom., v. 13 (6), 629-658
arthropod parasites of livestock, eradication programs, review
- [*Hypoderma*] *podkozhnykh ovodov*
Iamov, V. Z., 1977, Veterinariia, Moskva (9), 64-67
[*Hypoderma*], cattle, ricifon effective, no toxic effects; toxicity tested in white mice; tissues of calves and cow's milk tested for residues
- [*Hypoderma*] *gipodermatoza*
Iamov, V. Z., 1977, Dokl. Vsesoiuz. Akad. Sel'skokhoz. Nauk (1), 34-35
hypodermatosis, cattle, incidence, seasonal distribution; evaluation of agar gel diffusion test; use of test for early diagnosis in October and November to inaugurate timely treatment: Tiumen oblast
- Hypoderma*
Koltai, L., 1979, Magy. Allat. Lapja, v. 34 (2), 87-91
Hypoderma, cattle, trichlorphone 'pour on', economic losses and cost of control: Hungary
- [*Hypoderma*] *gipodermatoza*
Kruchinina, M. P., 1977, Sborn. Nauch. Rabot SibNIVI (28), 129-132
hypodermatosis, cattle, chlorophos in feed, large scale trials
- [*Hypoderma*] *ovodov*
Letunov, V. N., 1977, Veterinariia, Moskva (10), 81
[*Hypoderma*], reindeer, Baytex-50, effective treatment
- Hypoderma*
Mamaev, N. Kh.; Golin, P. I.; and Omarov, M. V., 1978, Veterinariia, Moskva (11), 73-74
Hypoderma, B[oophilus] *calcaratus*, cattle, chlorophos treatment, prophylaxis against piroplasmosis: Dagestan
- Hypoderma*
Merenyi, L., 1978, Magy. Allat. Lapja, v. 100, v. 33 (2), 132-134
Hypoderma, control, treatment with Dixol
- [*Hypoderma*] *gipodermatozom*
Metelitsa, V. K.; et al., 1977, Veterinariia, Moskva (9), 68-70
[*Hypoderma*], cattle, dosing apparatus for applying hypodermin-chlorophos in measured doses to several animals, economic benefits of treatment

- [Hypoderma] gipodermatoza
Mordasov, P. M.; and Kisliakova, Z. I., 1973, Vet. Nauka--Proizvod., Trudy, Minsk, v. 11, 162-165
[Hypoderma], calves, early treatment with hypodermin + chlorophos or chlorophos, weight gain
- [Hypoderma] gipodermatozov
Mordasov, P. M.; Kisliakova, Z. I.; and Bukin, V. A., 1971, Nauch. Trudy, Nauchno-Issled. Vet. Inst., v. 9, 130-134
[Hypoderma], cattle, early treatment with chlorophos poured on, high therapeutic effect
- Hypoderma
Norman, J. O.; and Younger, R. L., 1979, J. Med. Entom., v. 16 (1), 43-47
Hypoderma larvae from cattle treated with juvenile hormone analogues, microbial flora, relationships with inflammatory reactions in dorsal subcutis of cattle
- [Hypoderma] podkozhnykh ovodov
Potemkin, V. I.; and Nadiradze, O. Z., 1977, Veterinariia, Moskva (9), 67-68
[Hypoderma], cattle, chlorophos (Hypoderma-cide), effective, low toxicity
- Hypoderma
Sayin, F.; and Meric, I., 1976, Vet. Fak. Dergisi, Ankara Univ., v. 23 (3-4), 301-307
Hypoderma, indigenous cattle, pour-on application of ruelene 6-R, tiguvon, good results: Central Anatolia, Turkey
key
- Hypoderma sp.
Kolacz, J., 1977, Med. Wet., v. 33 (3), 157-159
Hypoderma sp., cattle, trichlorfon: Poland
- Hypoderma spp.
Poglayen, G., 1977, Riv. Zootecn. e Vet. (6), 614-630
Hypoderma spp., cattle, morphology, life cycle, pathology, symptoms, distribution, diagnosis, treatment, prophylaxis, pathogenicity, review
- Hypoderma spp.
Smith D. L., 1976, Manitoba Entom., v. 10, 5-8
Hypoderma spp., calves, weight gains, no significant difference between treated and untreated calves in response to control of cattle grubs with insecticides (trichlorfon and crufomate): Manitoba
- Hypoderma bovis
Andrews, A. H., 1978, Vet. Rec., v. 103 (16), 348-353
Hypoderma lineatum, H. bovis, review of life cycle, hosts, incidence in Great Britain, economic losses, suggestions for treatment and control, and eradication efforts
- Hypoderma bovis (L.)
Barrett, C. C.; et al., 1978, Southwest. Entom., v. 3 (3), 232-236
Hypoderma lineatum, H. bovis, cattle, effect of methoprene on cattle grub eclosion, different times and methods of treatment
- Hypoderma bovis
Bauer, M. S., 1978, Mod. Vet. Pract., v. 59 (7), 536, 538
Hypoderma bovis, H. lineata, cattle (subcutaneous tissue), localized inflammation and infection caused by starlings pecking at warble swellings on cattle's backs, autumn worming with systemic larvicide a practical solution
- Hypoderma bovis De Geer
Belinskaia, V. Z., 1973, Parazitologiya, Leningrad, v. 7 (2), 116-122
Hypoderma bovis, 1st stage larvae, uptake of amino acids tagged with radioisotopes
- Hypoderma bovis
Dakkak, A.; Cabaret, J.; and Oudbib, M., 1978, Rec. Med. Vet., v. 154 (9), 753-760
Hypoderma lineatum and H. bovis in cattle, frequency and degree of infestation, age of host, characteristics of farms, location in host, seasonal variation, recommended period for curative and for preventive treatments: Sidi-Slimane (Morocco)
- Hypoderma bovis, illus.
Dennell, R., 1978, Zool. J. Linn. Soc., London, v. 64 (3), 241-250
laminar membranes and pore canals of Hypoderma bovis and some other arthropod cuticles, structure and contents
- Hypoderma bovis De Geer
Derylo, A., 1978, Polskie Pismo Entom., v. 48 (2), 253-259
Hypoderma bovis, cattle, incidence prior to and during control with neguvon, seasonal dynamics
- Hypoderma bovis
Derylo, A.; and Haliniarz, A., 1977, Med. Wet., v. 33 (10), 624-626
Hypoderma bovis, cattle, neguvon, economic losses before and after treatment: Lublin, Poland
- Hypoderma bovis
Evstaf'ev, M. N., 1978, Veterinariia, Moskva (11), 70-72
Hypoderma bovis, cattle, insecticides tested, aerosol method of application more useful for large, specialized farms than for individual treatment: Tiumensk oblast
- Hypoderma bovis
Hiepe, T.; et al., 1974, Ang. Parasitol., v. 15 (2), 57-67
Hypoderma bovis, cattle, results of state-directed control program for eradication in the German Democratic Republic
- Hypoderma bovis
Iamov, V. Z.; and Kolesnik, N. V., 1978, Veterinariia, Moskva (11), 68-70
Hypoderma bovis larval stages, esterases, molecular forms, effect of inhibitors, including chlorophos
- Hypoderma bovis (L.)
Loomis, E. C.; and Schock, R. C., 1978, J. Med. Entom., v. 14 (6), 649-651
Hypoderma lineatum, H. bovis, cattle, famphur, pour-on application compared with intramuscular injection, field tests: California
- Hypoderma bovis
Marchand, A., 1978, Prat. Vet. Equine, v. 10 (4), 167-168
hypodermosis, horses, review

- Hypoderma bovis*
Minar, J.; and Dorzh, C., 1970, *Folia Parasitol.*, v. 17 (1), 91-92
Hypoderma spp., cattle, infestation in relation to host age and breed, geographical area, season, and method of breeding; rearing experiments: Mongolia
- Hypoderma bovis* De Geer
Mustafaev, A. S., 1970, *Parazitologiya*, Leningrad, v. 4 (5), 433-436
[*Bos taurus*]
[*Bos indicus*]
[*Bubalus bubalis*]
all from Azerbaidzhan ASSR
- Hypoderma bovis*
Oproiu, V.; et al., 1977, *Rev. Crest. Animal-elor*, v. 27 (7), 47-49
Hypoderma bovis, cattle, neguvon, ruelene, trichlorphon, curative treatment in spring, prophylactic treatment in autumn more efficient
- Hypoderma bovis*, illus.
Preiser, G.; Lavell, T. E.; and Dorsey, W. F., 1979, *Pediatrics*, *Am. Acad. Pediat.*, v. 64 (1), 88-89
Hypoderma bovis, 2 1/2-year-old girl, myiasis presenting as cellulitis of cheek and periorbital cellulitis
- Hypoderma bovis* de Geer
Rastegaev, Iu. M., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 531-533
[*Ovis aries*]
[*Capra hircus*]
[*Bos taurus*]
all from Tiumen oblast, western Siberia
- Hypoderma bovis* De Geer
Rastegaev, Iu. M., 1973, *Parazitologiya*, Leningrad, v. 7 (6), 552-553
[*Equus caballus*]: Tiimensk oblast
- Hypoderma bovis*
Riha, J.; Minar, J.; and Hradil, M., 1976, *Vet-erinarstvi*, v. 26 (10), 456-458
Hypoderma bovis, *H. lineatum*, cattle, treatment with hypocid, economic importance of control, effect on heifer weight gain
- Hypoderma bovis*
Riha, J.; Minar, J.; and Matouskova, O., 1977, *Vet. Med.*, Praha, v. 50, v. 22 (4), 193-200
Hypoderma bovis, heifers, hypocid preparation, highly effective and profitable, as measured by weight gains
- Hypoderma bovis*
Romaniuk, K., 1974, *Acta Parasitol. Polon.*, v. 22 (1-11), 29-48
Hypoderma bovis, pathogenesis in cattle, content of sialic acid, properdin, and proteins in blood serum during course of complete cycle of infestation
- Hypoderma bovis*
Splisteser, H.; and Graefe, D., 1977, *Monatsh. Vet.-Med.*, v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Hypoderma bovis*
Thornberry, H., *Vet. Serv. Bull.*, v. 5, 33-41
successful warble fly eradication program in Ireland, review
- Hypoderma bovis*
Tret'iakov, A. V.; and Belinskaia, V. Z., 1974, *Parazitologiya*, Leningrad, v. 8 (4), 353-358; *Correction* (5), 471
Hypoderma spp., *Oedemagena tarandi*, midgut extracts of 1st stage larvae, 3 active fractions (toxic, proteolytic, collagenase)
- Hypoderma diana* Br.
Rastegaev, Iu. M., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 384
[*Capreolus capreolus*] (under skin of lumbar region): Tiimensk oblast, west Siberia
- Hypoderma lineatum*
Andrews, A. H., 1978, *Vet. Rec.*, v. 103 (16), 348-353
Hypoderma lineatum, *H. bovis*, review of life cycle, hosts, incidence in Great Britain, economic losses, suggestions for treatment and control, and eradication efforts
- Hypoderma lineatum* (de Villers)
Barrett, C. C.; et al., 1978, *Southwest. Entom.*, v. 3 (3), 232-236
Hypoderma lineatum, *H. bovis*, cattle, effect of methoprene on cattle grub eclosion, different times and methods of treatment
- Hypoderma lineata*
Bauer, M. S., 1978, *Mod. Vet. Pract.*, v. 59 (7), 536, 538
Hypoderma bovis, *H. lineata*, cattle (subcutaneous tissue), localized inflammation and infection caused by starlings pecking at warble swellings on cattle's backs, autumn worming with systemic larvicide a practical solution
- Hypoderma lineatum*
Boulard, C. F., 1979, *Vet. Parasitol.*, v. 5 (4), 379-387
Hypoderma-infected or uninfected calves, treatment with fenthion or trichlorfon, blood histamine levels, circulating antibody titers to *Hypoderma lineatum* antigen in infected calves; blood histamine levels in guinea pigs after injection of ground-up *Hypoderma lineatum* larvae or application of fenthion
- Hypoderma lineatum*
Boulard, C.; and Garrone, R., 1978, *Comp. Biochem. and Physiol.*, v. 59 (3B), 251-255
Hypoderma lineatum, collagenolytic enzyme from larvae, characterization
- Hypoderma lineatum*
Dakkak, A.; Cabaret, J.; and Oudbib, M., 1978, *Rec. Med. Vet.*, v. 154 (9), 753-760
Hypoderma lineatum and *H. bovis* in cattle, frequency and degree of infestation, age of host, characteristics of farms, location in host, seasonal variation, recommended period for curative and for preventive treatments: Sidi-Slimane (Morocco)
- Hypoderma lineatum*
Lecroisey, A.; Boulard, C.; and Keil, B., 1979, *European J. Biochem.*, v. 101 (2), 385-393
Hypoderma lineatum, collagenase, chemical and enzymatic characterization

- Hypoderma lineatum* (de Villers)
Loomis, E. C.; and Schock, R. C., 1978, J. Med. Entom., v. 14 (6), 649-651
Hypoderma lineatum, *H. bovis*, cattle, famphur, pour-on application compared with intramuscular injection, field tests: California
- Hypoderma lineatum*
Marchand, A., 1978, Prat. Vet. Equine, v. 10 (4), 167-168
hypodermosis, horses, review
- Hypoderma lineatum*
Minar, J.; and Dorzh, C., 1970, Folia Parasitol., v. 17 (1), 91-92
Hypoderma spp., cattle, infestation in relation to host age and breed, geographical area, season, and method of breeding; rearing experiments: Mongolia
- Hypoderma lineatum* De Villers
Mustafaev, A. S., 1970, Parazitologiya, Leningrad, v. 4 (5), 433-436
[*Bos taurus*]: Azerbaidzhan ASSR
- Hypoderma lineatum*
Riha, J.; Minar, J.; and Hradil, M., 1976, Veterinarstvi, v. 26 (10), 456-458
Hypoderma bovis, *H. lineatum*, cattle, treatment with hypocid, economic importance of control, effect on heifer weight gain
- Hypoderma lineatum*
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Hypoderma lineatum*
Thornberry, H., Vet. Serv. Bull., v. 5, 33-41
successful warble fly eradication program in Ireland, review
- Hypoderma lineatum*
Tret'iaikov, A. V.; and Belinskaia, V. Z., 1974, Parazitologiya, Leningrad, v. 8 (4), 353-358
Hypoderma spp., *Oedemagena tarandi*, midgut extracts of 1st stage larvae, 3 active fractions (toxic, proteolytic, collagenase)
- Hypoderma lineata*, *illus.*
Vasallo Matilla, F., 1973, Rev. San. e Hig. Pub., v. 47 (7), 613-624
Hypoderma lineata, morphology of larvae
- Hypoderma lineatum*
Wade, S. E.; Haschek, W. M.; and Georgi, J. R., 1979, Cornell Vet., v. 69 (3), 198-205
Bison bison (skin, esophagus): New York State
- Hypodermatidae**
Beesley, W. N.; Eichler, W.; and Nogge, G., 1974, Ang. Parasitol., v. 15 (2), 74-84
continuation of bibliography on Hypodermatidae
- Hypodermatidae**
Grunin, K. Ia., 1977, Entom. Obozr., v. 56 (1), 223-228
includes: Oestromyinae; Hypodermatinae
distribution in host orders Lagomorpha and Rodentia
- Hypodermatinae**
Grunin, K. Ia., 1977, Entom. Obozr., v. 56 (1), 223-228
Hypodermatidae
diagnosis
- Hyponeocula argenicola* [sic]
Baker, R. H., 1969, Misc. Publication (51), Univ. Kansas, Mus. Nat. Hist., 177-232
Sigmodon leucotis: near Hacienda Coyotes
- Hyponeocula argenicola* (*lapsus calami*): Baker, 1969
Tanigoshi, L. K.; and Loomis, R. B., 1974, Melanderia, v. 17, 1-27. For author reference see Supplement 22, Part 1.
as syn. of *Hyponeocula arenicola* (Loomis) n. comb.
- Hystrichopsylla dippiei* ssp.
Holland, G. P., 1979, Canad. Entom., v. 111 (6), 713-719
Martes americana americana: Spruce River Road, Thunder Bay District, Ontario, Canada
- Hystrichopsylla dippiei spinata* Holland
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Martes americana: Alaska
- Hystrichopsylla linsdalei* Holland, 1957
Campos, E. G.; and Stark, H. E., 1979, J. Med. Entom., v. 15 (5-6), 431-444
as syn. of *Hystrichopsylla occidentalis linsdalei* Holland, 1957 new comb. [i.e., n. rank]
- Hystrichopsylla linsdalei* Holland, 1957, in part
Campos, E. G.; and Stark, H. E., 1979, J. Med. Entom., v. 15 (5-6), 431-444
as syn. of *Hystrichopsylla occidentalis sylvaticus* new subsp.
- Hystrichopsylla linsdalei*
Schwan, T. G., 1975, J. Med. Entom., v. 11 (6), 760
24-hour flea reinfestation rate in wild population of *Microtus californicus*: Hayward, Alameda Co., California
- Hystrichopsylla microti*
Hong, H. K.; Walton, D. W.; and Yoon, Y. H., 1975, Korean J. Entom., v. 5 (2), 17-20
Clethrionomys rufocanus: Korea
- Hystrichopsylla microti*
Volkov, V. I.; et al., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Hystrichopsylla occidentalis* Holland, 1949
Campos, E. G.; and Stark, H. E., 1979, J. Med. Entom., v. 15 (5-6), 431-444
description

- Hystrichopsylla occidentalis linsdalei* Holland, 1957 new comb. [i.e., n. rank], illus.
Campos, E. G.; and Stark, H. E., 1979, J. Med. Entom., v. 15 (5-6), 431-444
description
Syn.: *Hystrichopsylla linsdalei* Holland, 1957
Microtus californicus
Peromyscus maniculatus
Microtus sp.
+*Neotoma* (nest)
Peromyscus californicus
all from California
- Hystrichopsylla occidentalis occidentalis* Holland, illus.
Campos, E. G.; and Stark, H. E., 1979, J. Med. Entom., v. 15 (5-6), 431-444
description
Microtus oeconomus amakensis: Alaska
Microtus pennsylvanicus: Alaska
Clethrionomys rutilus: Alaska
Clethrionomys gapperi subsp.: Alberta; British Columbia
Peromyscus sp.: Alberta; Washington
Microtus oregoni serpens: British Columbia
M. longicaudus macrurus: British Columbia
Peromyscus maniculatus alpinus: British Columbia
Clethrionomys sp.: British Columbia
Microtus longicaudus: Washington
Sorex sp.: Washington
Microtus sp.: Washington; Oregon
Neotrichus gibbsi subsp.: Oregon
- Hystrichopsylla occidentalis sylvaticus* new subsp., illus.
Campos, E. G.; and Stark, H. E., 1979, J. Med. Entom., v. 15 (5-6), 431-444
Syn.: *Hystrichopsylla linsdalei* Holland, 1957, in part
Peromyscus difficilis: Foothills Research Campus, 2.5 km W of Ft. Collins, Colorado
Peromyscus maniculatus: Anderson Ranch, Buckhorn Mt., 20 km W of Ft. Collins, Colorado; Larimer Co., Colorado; Tulare Co., California; Falls National Reactor Test Site, Jefferson Co., Idaho; San Juan Co., Utah
Eutamias minimus: Rocky Mountain National Park, Larimer Co., Colorado
Peromyscus truei: 3 km E of Williams, Arizona; 5 km E of Stockton, Oquirrh Mts., Utah
P. boylei: U.S. Forest Service Rd. No. 700, Stn. 78, near Payson, Arizona; Wrightwood, Los Angeles Co., California; Heugh's Canyon, Salt Lake Co., Utah
P. maniculatus sonoriensis: Streamside Canyon bottom, E base of Indian Peak, Needles Range, Beaver Co., Callao, Juab Co., Indian Springs, W side of Simpson Mt., Tooele Co., and Clover Creek, Utah
P. truei nevadensis: Lookout Pass, S end Onaqui Mts., Utah
Microtus pennsylvanicus pullatus: 5 km N of Mills Jct., NW end of Oquirrh Mts., Utah
Neotoma cinerea: Springville, Utah Co., Utah
- Hystrichopsylla orientalis* Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Microtus agrestis
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Hystrichopsylla orientalis* Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
Microtus agrestis
Microtus arvalis
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
Sorex araneus
Sorex alpinus
Neomys fodiens
all from west and east Beskid (Poland)
- Hystrichopsylla satunini* Kunitskaia, N. T., 1970, Parazitologiya, Leningrad, v. 4 (5), 444-450
fleas, structure of ovaries
- Hystrichopsylla talpae* Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Hystrichopsylla talpae* Curtis Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Hystrichopsylla talpae* (Curtis 1826) sensu Skuratowicz, 1972
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Lerida, and Gerona, Spain
- Hystrichopsylla talpae* Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Hystrichopsylla talpae* Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
Sorex araneus
all from west and east Beskid (Poland)
- Hystrichopsylla talpae* Curtis Kunitskaia, N. T., 1970, Parazitologiya, Leningrad, v. 4 (5), 444-450
fleas, structure of ovaries
- Hystrichopsylla talpae* Curt. Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, Parazitologiya, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e

- Hystrihopsylla talpae orientalis* Smit., 1826
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Clethrionomys rutilus*]: northeastern Kazakhstan
- Hystrihopsylla talpae orientalis* Smit
Sosnina, E. F., 1973, *Parazitologiya*, Leningrad, v. 7 (1), 31-35
Microtus arvalis: mountain Crimea
- Hystrihopsylla talpae talpae* (Curtis)
Clark, F., 1978, *Entom. Gaz.*, v. 29 (4), 258-260
records of fleas from English birds and mammals
- Hystrihopsylla talpae talpae* (Curtis)
Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
Apodemus sylvaticus
Sorex minutus
Clethrionomys glareolus
all from Ireland
- Hystrihopsylla talpae talpae* (Curtis), 1826
King, C. M., 1976, *J. Zool.*, London, v. 180 (4), 525-535
fleas of *Mustela nivalis*, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford
- Hystrihopsylla* (H.) *talpae talpae* (Curtis, 1826)
Suci, M., 1975, *Boll. Mus. Civ. Storia Nat. Verona*, v. 2, 1-12
Talpa europaea
Apodemus sylvaticus
Clethrionomys glareolus
Microtus nivalis
all from Italy
- Hystrihopsyllidae*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Ceratophylloidea
key to genera, Afghanistan
key
- Hystrihopsyllidae* Tiraboschi, 1904
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (2), 147-167
Hystrihopsyllidae, geographical distribution and host preferences, list of genera and species
- Ichoronyssus* sp.
Tagil'tsev, A. A., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast
- Ichoronyssus butantanensis* Fonseca, 1932
Herrin, C. S., 1974, *J. Med. Entom.*, v. 11 (3), 341-346
as syn. of *Hirstionyssus* (H.) *butantanensis* (Fonseca, 1932)
- Ichoronyssus flavus* Kol.
Zonov, G. B.; and Iakuba, V. N., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 289-290
ectoparasites found in uninhabited tree hollows, possible places of contact with hosts: focus of tick-borne encephalitis in Pred-baikal
- Ichoronyssus granulatus* Kol.
Tagil'tsev, A. A., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast
- Ichoronyssus mirabilis* Sen. et Tag.
Tagil'tsev, A. A., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 382-384
Myotis mystacinus: Zaisansk region, Eastern Kazakhstan oblast
- Icosta maai* sp. n., illus.
Doszhanov, T. N., 1977, *Entom. Obozr.*, v. 56 (2), 449-451
Cuculus optatus: near settlement (Lesnoi Kordon), Shkotovo District of the Primorye Territory
- Idilla* Smit
Mardon, D. K., 1978, *J. Austral. Entom. Soc.*, v. 17 (4), 379-383
genitalic characters of genera of *Doratopsyllinae* compared
"It is concluded that the relationship between *Acedestia* and *Idilla* is so close as to be incompatible with their present classification in separate tribes, which are therefore united in a single tribe, *Acedestiini*."
- Impexus* sp. *Blasiola*, 1976
Blasiola, G. C., jr., 1979, *J. Parasitol.*, v. 65 (4), 662-665
as syn. of *Serpentisaccus magnifica* gen. et sp. n.
- Incidofrons alcedinis* (Denny) Blagoveschenko, 1940
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
as syn. of *Alcedoffula alcedinis* (Denny, 1842)
- Incidofrons*. See *Incidifrons*.
- Ingrassia* [sp.]
Fitzpatrick, C.; and Threlfall, W., 1977, *Canad. J. Zool.*, v. 55 (7), 1205-1209
Oceanodroma leucorhoa (breast, abdomen, tail, back): Gull Island, Witless Bay, Newfoundland, Canada
- Intercutestrix mondolfii*
Yunker, C. E.; et al., 1975, *J. Med. Entom.*, v. 12 (2), 250-255
ticks and mites, vectors of viral and rickettsial agents
Proechimys semispinosus: Panama
- Iphis casalis* Berlese, 1887
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
as syn. of *Androlaelaps casalis casalis* (Berl.)
- Irona cypselurus* sp. n., illus.
Avdeev, V. V., 1978, *Biol. Moria*, Vladivostok (4), 30-35
Cypselurus sp. (branchial cavity): Red Sea
- Irona philippinensis* sp. n., illus.
Avdeev, V. V., 1973, *Parazitologiya*, Leningrad, v. 7 (5), 473-475
Euleptorhamphus sp. (body surface): Philippine Islands

- Ischnocera suborder
Kim, K. C.; and Ludwig, H. W., 1978, Ann. Entom. Soc. Am., v. 71 (6), 910-922
Psocodea, phylogenetic relationships of five taxa analyzed cladistically, evaluation of character complexes, theoretical aspects of phylogenetic inferences on origin of higher taxa
Mallophaga
key
- Ischnocera Kellogg, 1896
Lakshminarayana, K. V., 1976, Ang. Parasitol., v. 17 (3), 160-167
Ischnocerophthirina Lakshminarayana emend. nov. Ischnocera Kellogg, 1896
- Ischnocerophthirina Lakshminarayana emend. nov. Ischnocera Kellogg, 1896
Lakshminarayana, K. V., 1976, Ang. Parasitol., v. 17 (3), 160-167
- Ischnopsyllidae
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Ceratophylloidea
key to genera, Afghanistan
key
- Ischnopsyllus Westwood, 1833
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Ischnopsyllidae, key
key to species, Afghanistan
- Ischnopsyllus indicus
Mitchell, R.; and Punzo, F., 1976, J. Bombay Nat. Hist. Soc., v. 73 (1), 84-87
Pipistrellus babu: Sindu, Nepal
- Ischnopsyllus intermedius (Rothschild)
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
Vespertilio leisleri: Ireland
- Ischnopsyllus (Ischnopsyllus) obscurus (Wagner, 1898), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: Ceratopsylla obscura Wagner, 1898
Vespertilio murinus: Afghanistan
- Ischnopsyllus obscurus Wagn., 1898
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[Myotis dasycneme]: northeastern Kazakhstan
- Ischnopsyllus octactenus (Kolenati)
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
Pipistrellus pipistrellus: Ireland
- Ischnopsyllus (Ischnopsyllus) octactenus (Kolenati, 1856), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
synonymy, key
bats
Pipistrellus kuhli
Rhinopoma hardwickei
all from Afghanistan
- Ischyropoda armatus Keegan, 1951
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Dipodomys ordii: Xoxafi, Hidalgo
Perognathus sp.: Santo Domingo, Desierto de Magdalena, Baja California
Onychomys sp.: Santa Maria del Rio, San Luis Potosi
- Ischyropoda spiniger Keegan, 1951
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Perognathus spinatus peninsulae: San Jose del Cabo, Baja California
P. arenarius: Estero Salinas, Bahia Magdalena, Baja California
- Isopoda gen. sp.
Rohde, K., 1978, Biol. Zentralbl., v. 97 (4), 405-418
gill parasites of marine fish, species numbers and microhabitat utilization at different latitudes, assumption of greater evolutionary speed in tropics as probable explanation of latitudinal gradients in species diversity (more species in tropical than in cold water fishes)
Aldrichetta forsteri
- Ixodes Latreille, 1795
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes, keys to species (adults) of the United States, scanning electron microscope study
- Ixodes
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
Ixodidae
key
- Ixodes sp., probably I. auritulus
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Turdus nigrescens: Costa Rica
- Ixodes sp.
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
blue duiker: Zambia
- Ixodes sp.
Pederson, J. C., 1977, Great Basin Nat., v. 37 (3), 407-409
Odocoileus hemionus: Long Hollow, Utah County, Utah
- Ixodes sp.
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of Rhombomys opimus in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Ixodes sp. nr. scapularis
Spielman, A.; Piesman, J.; and Etkind, P., 1977, J. N. York Entom. Soc., v. 85 (4), 214-216
Babesia microti, human, survey of reservoir hosts and tick vector Ixodes sp. nr. scapularis: Nantucket and nearby islands

- Ixodes* sp.
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus trinotatus: Oregon
- Ixodes acutitarsus* (Karsch, 1880)
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
vegetation: Arunachal Pradesh, India
- Ixodes acutitarsus*
Takada, N.; Fujita, H.; and Yamaguchi, T., 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 216-218
human, students (head, body, limbs): Shimokita and Tsugaru Peninsula, Aomori Prefecture, Japan
- Ixodes aequalis* Wherry & Wellman, 1909 (nomen nudum)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Pholeoixodes*) *sculptus* Neumann, 1904
- Ixodes* (*Ixodes*) *affinis* Neumann, 1899, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes angustus* Newmann
Easton, E. R.; and Goulding, R. L., 1974, J. Med. Entom., v. 11 (4), 413-418
Ixodes angustus, *I. pacificus*, and *I. soricis* from coastal and valley forest habitats, abundance, seasonal occurrence, host specificity, site of attachment on hosts, environmental influences on tick populations
Glaucomys sabrinus
Tamiasciurus douglasi
Eutamias townsendi
Neotoma cinerea
Peromyscus maniculatus
Sorex trowbridgi
S. vagrans
S. pacificus or *S. vagrans yaquinae*
Neotoma fuscipes
+*Microtus townsendi* (nest)
+*M. montanus* (nest)
+*Scapanus townsendi*
all from western Oregon
- Ixodes* (*Pholeoixodes*) *angustus* Neumann, 1899, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes angustus* Newmann, 1899, illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ixodes angustus*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: Utah
Z. trinotatus: California; British Columbia; Oregon; Washington
Zapus sp.: California
- Ixodes apronophorus* Sch.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Ixodes apronophorus* P. Sch.
Ivanov, D. I.; and Ravdonikas, O. V., 1972, Parazitologiya, Leningrad, v. 6 (1), 26-29
Ixodes apronophorus and *Dermacentor pictus* parasitizing [*Arvicola terrestris*] and *Sorex*, role in transmission of tularemia and Omsk hemorrhagic fever: west Siberia
- Ixodes apronophorus* P. Sch.
Zolotov, P. E.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 116-122
Leningrad oblast
- Ixodes aragai*: Fonseca, 1935
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Ixodes*) *affinis* Neumann, 1899
- Ixodes arboricola* (Schulze & Schlottko 1929)
Walter, G.; Liebisch, A.; and Streichert, J., 1979, Ztschr. Ang. Zool., v. 66 (1), 65-73
Parus major
P. caeruleus
Sitta europaea
Ficedula hypoleuca
Passer montanus
all from Hamelerwald, Peine, Norddeutschland
- Ixodes aulacodi*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Thrynomys swinderianus: Haute-Volta
- Ixodes auritulus* Neumann
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Seiurus aurocapillus
Catharus g. gracilirostris
all from Costa Rica
- Ixodes* (*Multidentatus*) *auritulus* Neumann, 1904, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* (*Pholeoixodes*) *baergi* Cooley & Kohls, 1942, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* (*Pholeoixodes*) *banksi* Bishopp, 1911, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes caledonicus* Nutt. [in English summary as *I. berlese*]
Kolonin, G. V.; and Bolotin, E. I., 1977, Zool. Zhurnal, v. 56 (3), 475-476
Apus pacificus: Primorskii krai
- Ixodes bishoppi* Smith & Gouck, 1947
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Ixodes*) *minor* Neumann, 1902

- Ixodes brunneus* Koch, 1844, illus.
Homsher, P. J.; and Sonenshine, D. E., 1977, J. Med. Entom., v. 14 (1), 93-97
Ixodes brunneus, *I. frontalis*, structure of Haller's organ of females, scanning electron microscopy
Zonotrichia albicollis: north Little Rock, Arkansas; Summerville, South Carolina
Dumetella carolinensis: Summerville, South Carolina
Hylocichla guttata: Summerville, South Carolina
- Ixodes (Ixodes) brunneus* Koch, 1844, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes brunneus* Koch, 1844, illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ixodes caledonicus* Nutt.
Bolotin, E. I.; and Kolonin, G. V., 1979, Zool. Zhurnal, v. 58 (3), 435-436
Apus pacificus: Zerkal'noye river valley; Zerkal'noye bay
- Ixodes caledonicus* Nutt. [in English summary as *I. berlese*]
Kolonin, G. V.; and Bolotin, E. I., 1977, Zool. Zhurnal, v. 56 (3), 475-476
Apus pacificus: Primorskii kraï
- Ixodes canisuga* Johnston, 1848, illus.
Gothe, R.; Stendel, W.; and Holm, R., 1977, Ztschr. Parasitenk., v. 53 (1), 123-128
Ixodes canisuga, scanning electron microscopy of areae porosae of aberrant specimen
Hunde: Aschaffenburg und Herford, Deutschland
- Ixodes (Pholeoixodes) canisuga* Johnston, 1849
Harris, S.; and Thompson, G. B., 1978, J. Zool., London, v. 186 (1), 83-93
Ixodes hexagonus and *I. canisuga* populations on *Vulpes vulpes*, distribution within host population; *I. hexagonus*, seasonal dynamics, occurrence in relation to host sex, age, and behavior, effect on host: suburban London
- Ixodes canisuga* Johnston, 1849, illus.
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parassitologia, v. 18 (1-3), 109-118
Vulpes vulpes
Felis catus
all from Provincia di l'Aquila, Abruzzo, Italia
- Ixodes cavipalpus*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
common duiker
lion
leopard
dog
cattle
all from Zambia
- Ixodes cavipalpus*
Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Ixodes cavipalpus*
Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Ixodes (Pholeoixodes) conepati* Cooley & Kohls, illus.
Keirans, J. E.; and Clifford, C. M., 1974, J. Med. Entom., v. 11 (3), 367-369
Ixodes conepati, description of nymph and larva
Spermophilus variegatus (ears, genitalia, between toes): Woodward Ranch, 35.2 km S Alpine, Brewster County, Texas
- Ixodes (Pholeoixodes) conepati* Cooley & Kohls, 1943, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes (Pholeoixodes) cookei* Packard, 1869, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes cookei*
Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada
- Ixodes cookei* Packard, 1869, illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ixodes cookei*
Wallis, R. C.; et al., 1978, Am. J. Epidemiol., v. 108 (4), 322-327
southcentral Connecticut
- Ixodes cookei*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Vulpes vulpes
Canis latrans
Procyon lotor
Mustela vison
M. nivalis
Mephitis mephitis
Taxidea taxus
all from Indiana

- Ixodes cookei*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Ixodes crenulatus* Koch.
Bolotin, E. I.; and Kolonin, G. V., 1979, Zool. Zhurnal, v. 58 (3), 435-436
Meles meles
Vulpes vulpes
Nyctereutes procyonoides
Mustela sibiricus
all from south-west Primor'e
- Ixodes crenulatus* Koch, 1844
Filippova, N. A.; and Uspenskaia, I. G., 1973, Parazitologiya, Leningrad, v. 7 (4), 297-306
differentiation from *I. kaiseri*
[*Meles meles*]: Moldavia; khr. Kose
[*Vulpes vulpes*]: Moldavia; Ukraina
[*Nyctereutes procyonoides*]: Moldavia
- Ixodes crenulatus* Koch
Skliar, V. E., 1970, Parazitologiya, Leningrad, v. 4 (6), 524-527
[*Vulpes vulpes*]: southern Donets oblast
- Ixodes dammini* (Spielman et al. 1979)
Piesman, J.; et al., 1979, J. Med. Entom., v. 15 (5-6), 537-540
Babesia microti not found in *Odocoileus virginianus* naturally or experimentally inoculated, nor in vector *Ixodes dammini*
Odocoileus virginianus: Nantucket and Nahshon Islands, Massachusetts
- Ixodes dammini* Spielman; et al., 1979
Piesman, J.; and Spielman, A., 1979, Ann. Entom. Soc. Am., v. 72 (6), 829-832
immature *Ixodes dammini*, host association and seasonal abundance, role as vectors of
Babesia microti
Peromyscus leucopus
Microtus pennsylvanicus
Sylvilagus floridanus
Odocoileus virginianus
Blarina brevicauda
Rattus norvegicus
Tamias striatus
man
dog
all from southeastern Massachusetts
- Ixodes dentatus* Marx
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Sylvilagus floridanus: Fort Dix, New Jersey
- Ixodes dentatus*
Jacobson, H. A.; Kirkpatrick, R. L.; and McGinnes, B. S., 1978, Wildlife Monogr. (60), 53 pp.
disease and physiologic characteristics of cottontail rabbits in 2 study areas in relation to population density, includes data on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Ixodes (Ixodes) dentatus* Marx, 1899, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes dentatus* Marx, 1899, illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ixodes (Ixodes) diversifossus* Neumann, 1899, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes diversifossus* Neumann, 1911 (*nec* Neumann, 1899)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Ixodes) spinipalpis* Hadwen & Nuttall, 1916
- Ixodes diversifossus* Bishopp, 1912 (*nec* Neumann, 1899)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Ixodes) spinipalpis* Hadwen & Nuttall, 1916
- Ixodes (Ixodes) eadsi* Kohls & Clifford, 1964, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes eldaricus* Djap., 1950
Berdyev, A., 1973, Parazitologiya, Leningrad, v. 7 (2), 183-185
Apodemus sylvaticus
Calomyscus bailvardi
Mus musculus
Cricetulus migratorius
Meriones persicus
Crocidura persica
Nesokia indica
all from western Kopetdag
- Ixodes eldaricus* Djaparidze, 1950, illus.
Filippova, N. A., 1974, Parazitologiya, Leningrad, v. 8 (6), 504-514
Ixodes eldaricus, description of male, female, nymph, and larva, geographic distribution, hosts
Syn.: *I. tatei* Arthur, 1959
- Ixodes eudyptidis* var. *signata* Neumann, 1904
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Scaphixodes) signatus* Birula, 1895
- Ixodes festai* Rondelli, 1926, illus.
Gilot, B.; and Perez, C., 1978, Rev. Suisse Zool., v. 85 (1), 143-149
Ixodes ventalloi, *I. festai*, differential diagnosis
Alectoris barbara
Turdus philomelos
T. iliacus
Vulpes vulpes
- Ixodes festai sensu* Arthur, 1957
Gilot, B.; and Perez, C., 1978, Rev. Suisse Zool., v. 85 (1), 143-149
as syn. of *Ixodes ventalloi* Gil Collado, 1936
- Ixodes dentatus*
Piesman, J.; and Spielman, A., 1979, Ann. Entom. Soc. Am., v. 72 (6), 829-832
Sylvilagus floridanus: southeastern Massachusetts

- Ixodes festai* Rondelli, 1926
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Apodemus sylvaticus: Ortigosa, Logrono; El Rasillo, Logrono
Clethrionomys glareolus: Ortigosa, Logrono; El Rasillo, Logrono
Eliomys quercinus: Ortigosa, Logrono; El Rasillo, Logrono; and Villanueva de los Escuderos, Cuenca
all from Espana
- Ixodes frontalis* Panzer, 1795, illus.
Homsher, P. J.; and Sonenshine, D. E., 1977, J. Med. Entom., v. 14 (1), 93-97
Ixodes brunneus, *I. frontalis*, structure of Haller's organ of females, scanning electron microscopy
Parus caeruleus
Turdus merula
T. ericetorum
all from St. Agnes, Isles of Scilly, Cornwall, England
- Ixodes frontalis* Panzeri, 1795, illus.
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parasitologia, v. 18 (1-3), 109-118
Scolopax rusticola
Motacilla flava
Turdus merula
Corvus cornix
C. frugilegus
all from Provincia di l'Aquila, Abruzzo, Italia
- Ixodes fuscous* Say, 1821
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Ixodes) scapularis* Say, 1821
- Ixodes (Pholeoixodes) hearlei* Gregson, 1941, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes hexagonus* Leach, 1815
Chmela, J.; and Lichard, M., 1971, Folia Parasitol., v. 18 (1), 79-83
Ixodes hexagonus, development of individual stages, 3-year developmental cycle predominant, tick-borne encephalitis natural focus: North Moravia
- Ixodes hexagonus* Leach
Graf, J. F., 1978, Mitt. Schweiz. Entom. Gesellsch., v. 51 (2-3), 241-253
Ixodes ricinus, copulation, meeting of both sexes assured by female pheromone, crossed attraction between *I. ricinus* and *I. hexagonus*
- Ixodes (Pholeoixodes) hexagonus* Leach, 1815, illus.
Harris, S.; and Thompson, G. B., 1978, J. Zool., London, v. 186 (1), 83-93
Ixodes hexagonus and *I. canisuga* populations on *Vulpes vulpes*, distribution within host population; *I. hexagonus*, seasonal dynamics, occurrence in relation to host sex, age, and behavior, effect on host: suburban London
- Ixodes hexagonus* Leach, 1815
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Ixodes hexagonus*
Sixl, W.; and Stuenzner, D., 1975, Ang. Parasitol., v. 16 (2), 106-108
autan spray, effective repellent against ticks, field and laboratory trials
- Ixodes hexagonus* Leach, 1815, illus.
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parasitologia, v. 18 (1-3), 109-118
Erinaceus europaeus
Vulpes vulpes
all from Provincia di l'Aquila, Abruzzo, Italia
- Ixodes hexagonus* var. *inchoatus* Neumann, 1901 (pro parte)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Pholeoixodes) marxi* Banks, 1908
- Ixodes hirsutus* Birula, 1895
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Ceratiixodes) uriae* White, 1852
- Ixodes (Pholeoixodes) holdenriedi* Cooley, 1946, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes holocyclus* Neumann, illus.
Goodrich, B. S.; and Murray, M. D., 1978, Internat. J. Parasitol., v. 8 (4), 313-320
Ixodes holocyclus, association of toxin with salivary glands, increasing toxin content of salivary glands with length of time of feeding on mice, effect on toxin content of salivary glands of interruption to feeding, effect of passive immunization of mice on resistance of host to toxin and on toxin production, effect on toxin production of feeding on non-immune and immune bandicoots
- Ixodes holocyclus*
Goodrich, B. S.; Murray, M. D.; and Holmes, P. R., 1978, Austral. Vet. J., v. 54 (10), 490-493
Ixodes holocyclus, establishment of laboratory colony capable of producing 3000 females annually, guinea pigs used for larval feeding and *Perameles nasuta* for nymphs and adults
- Ixodes holocyclus*
Heath, A. C. G., 1979, Internat. J. Parasitol., v. 9 (1), 33-39
Haemaphysalis longicornis, *Ixodes holocyclus*, and *Rhipicephalus sanguineus* eggs, temperature and humidity preferences
- Ixodes holocyclus*
Kibble, R., 1979, Austral. Vet. J., v. 55 (1), 40-41 [Letter]
fleas, ticks, dogs, DDVP and propoxur-impregnated collars, recommendations: Australia

- Ixodes* (Scaphixodes) *howelli* Cooley & Kohls, 1938, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* (*Ixodes*) *jellisoni* Cooley & Kohls, 1938, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* *kaiseri* Arthur, 1957, illus.
Filippova, N. A.; and Uspenskaia, I. G., 1973, Parazitologiya, Leningrad, v. 7 (4), 297-306
Ixodes *kaiseri*, redescription of male, female, and nymph, description of larva, distribution and ecology, differentiation from *I. crenulatus* and *I. hexagonus*
[*Meles meles*]: Moldavia; khr. Sredinnyi; khr. Kose; Suat; Severnyi Kavkaz; Gruzia
+[*Meles meles*] (burrow): Azerbaidzhan
+[*Felis silvestris*] (droppings): Moldavia
[*Vulpes vulpes*]: Moldavia; Ukraina; Rumynia
[*Mustela eversmanni*]: Moldavia
[*Nyctereutes procyonoides*]: Moldavia
[*Erinaceus europaeus*]: Moldavia; Krym
[*Canis familiaris*]: Krym
[*Erinaceidae*]: Gruzia
- Ixodes* *kashmiricus*
Filippova, N. A., 1973, Parazitologiya, Leningrad, v. 7 (1), 3-13
Ixodes persulcatus group, species belonging to southern branch, zoogeography, ecology, paleontology, relationship to *I. ricinus*
- Ixodes* *kazakstani*
Filippova, N. A., 1973, Parazitologiya, Leningrad, v. 7 (1), 3-13
Ixodes persulcatus group, species belonging to southern branch, zoogeography, ecology, paleontology, relationship to *I. ricinus*
- Ixodes* *kempi* Nuttall, 1913
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
Sciurus erythraeus intermedius: Arunachal Pradesh, India
- Ixodes* (*Pholeoixodes*) *kingi* Bishopp, 1911, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* *laguri laguri* O1.
Skliar, V. E., 1970, Parazitologiya, Leningrad, v. 4 (6), 524-527
[*Apodemus*]
+[*Mus musculus*] (nest)
[*Microtus arvalis*]
[*Cricetulus migratorius*]
[*Spalax microphthalmus*]
+[*Citellus pygmaeus*] (nest)
[*Mustela eversmanni*]
[*Vulpes vulpes*]
all from southern Donets oblast
- Ixodes* (*Multidentatus*) *laysanensis* Wilson, 1964, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes lividus* (C. L. Koch 1844), illus.
Walter, G.; Liebisch, A.; and Streichert, J., 1979, Ztschr. Ang. Zool., v. 66 (1), 65-73
Riparia riparia: Norddeutschland (Hannover; Peine)
- Ixodes lividus* Koch
Zolotov, P. E., 1972, Parazitologiya, Leningrad, v. 6 (4), 393-394
+[*Riparia riparia*] (nest): Leningradsk oblast
- Ixodes lividus* Koch
Zolotov, P. E.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 116-122
+[*Riparia riparia*] (nest): Leningrad oblast
- Ixodes* (*Pholeoixodes*) *marmotae* Cooley & Kohls, 1938, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* (*Pholeoixodes*) *marxi* Banks, 1908, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* *marxi* Banks, 1908, illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ixodes* *marxi* Banks
Sonenshine, D. E.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (2, pt. 1), 339-349
epizootiology of *Rickettsia prowazekii* in *Glaucomys volans*, vector transmission suggested by occurrence of natural infections in *Orchopeas howardii* and *Neohaematopinus sciuropteri*, ecology of ectoparasites associated with *G. volans* (seasonal activity, abundance in nests)
Glaucomys volans: Virginia; Maryland
- Ixodes* (*Ixodes*) *minor* Neumann, 1902, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* *monospinosus*
Takada, N.; Fujita, H.; and Yamaguchi, T., 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 216-218
human (arm, neck): northern part of Honshu, Japan
- Ixodes* (*Ixodes*) *muris* Bishopp & Smith, 1937, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* *muris*
Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada

- Ixodes neitzi*
Rechav, Y.; et al., 1978, Nature, London (5678), v. 275, 310-311
Ixodes neitzi, attraction of adult ticks to twigs marked by *Oreotragus oreotragus* (klip-springer antelope), first report of tick species locating its mammalian host by detecting specific chemical compound(s) used by host as communicative marking signal thus increasing probability of survival in that particular habitat
- Ixodes (Ixodes) neotomae* Cooley, 1944, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes nipponensis* Kitaoka et Saito
Bolotin, E. I.; and Kolonin, G. V., 1979, Zool. Zhurnal, v. 58 (3), 435-436
[Bos]: Primorsky krai
- Ixodes nipponensis*
Filippova, N. A., 1973, Parazitologiya, Leningrad, v. 7 (1), 3-13
Ixodes persulcatus group, species belonging to southern branch, zoogeography, ecology, paleontology, relationship to *I. ricinus*
- Ixodes nipponensis* Kitaoka et Saito, 1967, illus.
Filippova, N. A.; and Beliaev, V. G., 1970, Parazitologiya, Leningrad, v. 4 (6), 515-523
distribution, ecology, redescription of male and female, morphological peculiarities of nymphs and larvae
Apodemus agrarius
Microtus fortis
Clethrionomys rutilus
C. rufocanus
all from Primor'e
- Ixodes nipponensis*
Kamimura, K.; and Kondo, K., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 249-250
humans: Japan
- Ixodes nipponensis*
Takada, N.; Fujita, H.; and Yamaguchi, T., 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 216-218
human (eyelid, neck, waist): northern part of Honshu, Japan
- Ixodes (Pholeoixodes) ochotonae* Gregson, 1941, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes ovatus* Neumann, 1899
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
yak
sheep
mule
Tupaia glis versurae
man
all from Arunachal Pradesh, India
- Ixodes ovatus* Neumann, illus.
Honda, T.; and Honda, K., 1977, Rinsho Ganka (Japan. J. Clin. Ophth.), v. 31 (7), 903-905
Ixodes ovatus, report of tick attachment to upper lid margin of man's right eye: south-eastern coastal region of Japan
- Ixodes ovatus*
Kamimura, K.; and Kondo, K., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 249-250
humans: Japan
- Ixodes ovatus*
Takada, N.; Fujita, H.; and Yamaguchi, T., 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 216-218
human (eyelid, ear, neck): northern part of Honshu, Japan
- Ixodes ozarkus* Cooley & Kohls, 1944
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Ixodes) scapularis* Say, 1821
- Ixodes pacificus* Cooley & Kohls, 1943
Easton, E. R.; et al., 1977, J. Med. Entom., v. 13 (4-5), 501-506
Ixodes pacificus, *Dermacentor occidentalis*, *D. andersoni*, total collections by sex, stage, and county of collection, collections by month; *D. variabilis*, possible new small established focus: Oregon
- Ixodes pacificus* Cooley & Kohls
Easton, E. R.; and Goulding, R. L., 1974, J. Med. Entom., v. 11 (4), 413-418
Ixodes angustus, *I. pacificus*, and *I. soricis* from coastal and valley forest habitats, abundance, seasonal occurrence, host specificity, site of attachment on hosts, environmental influences on tick populations
Peromyscus maniculatus
Neotoma fuscipes
Eutamias townsendi
Sorex vagrans
Gerrhonotus m. multicarinatus
Sceloporus occidentalis
all from western Oregon
- Ixodes (Ixodes) pacificus* Cooley & Kohls, 1943, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes pacificus*
Oliveira, M. R.; and Kreier, J. P., 1979, J. Parasitol., v. 65 (5), 816-817
Babesia microti, transmission to hamsters and gerbils by *Ixodes pacificus* and *I. scapularis* but not by *Dermacentor andersoni* or *D. variabilis*
- Ixodes pacificus*
Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada
- Ixodes pavlovskyi*
Bolotin, E. I.; Kolonin, G. V.; and Matiushina, O. A., 1979, Zool. Zhurnal, v. 58 (9), 1428-1429
Erinaceus europaeus: Primorsky District (Soviet Far East)
- Ixodes pavlovskyi* Pom.
Chigirik, E. D.; et al., 1972, Parazitologiya, Leningrad, v. 6 (3), 305-306
Ixodes pavlovskyi, *I. persulcatus*, simultaneous occurrence in nidi of tick-borne encephalitis: Kemerovsk oblast

- Ixodes pavlovskyi* Pom.
Chigirik, E. D.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 181-183
Ixodes pavlovskyi, discovery of nidus with large numbers of this species prevailing over *I. persulcatus*, spontaneous infection with virus of tick-borne encephalitis: Kuznetsk Alatau
- Ixodes pavlovskyi* Pom.
Filippova, N. A., 1971, Parazitologiya, Leningrad, v. 5 (5), 385-391
Ixodes pavlovskyi, *I. persulcatus*, distribution, characteristics of distribution areas with respect to their paleogenesis: USSR
- Ixodes pavlovskyi* Pom., 1948
Filippova, N. A.; and Beliaev, V. G., 1970, Parazitologiya, Leningrad, v. 4 (6), 515-523
distribution, ecology
Tetrastes bonasia
Sitta europaea
Lepus timidus
Muscipara sp.
Apodemus speciosus
Clethrionomys rufocanus
Tamias asiaticus
all from Primor'e
- Ixodes (Ixodes) peromysci* Augustson, 1939, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes persulcatus*
Alekseev, A. N., 1971, Parazitologiya, Leningrad, v. 5 (5), 392-400
Ixodes persulcatus, technique for artificial feeding of ticks with suspension containing virus of tick-borne encephalitis, applications
- Ixodes persulcatus*
Bolotin, E. I.; Kolonin, G. V.; and Matiushina O. A., 1979, Zool. Zhurnal, v. 58 (9), 1428-1429
Erinaceus europaeus: Primorsky District (Soviet Far East)
- Ixodes persulcatus* Schulze
Chigirik, E. D.; et al., 1972, Parazitologiya, Leningrad, v. 6 (3), 305-306
Ixodes pavlovskyi, *I. persulcatus*, simultaneous occurrence in nidi of tick-borne encephalitis: Kemerovsk oblast
- Ixodes persulcatus* Sch.
Chigirik, E. D.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 181-183
Ixodes pavlovskyi, discovery of nidus with large numbers of this species prevailing over *I. persulcatus*, spontaneous infection with virus of tick-borne encephalitis: Kuznetsk Alatau
- Ixodes persulcatus* Schulze
Filippova, N. A., 1971, Parazitologiya, Leningrad, v. 5 (5), 385-391
Ixodes pavlovskyi, *I. persulcatus*, distribution, characteristics of distribution areas with respect to their paleogenesis: USSR
- Ixodes persulcatus*
Filippova, N. A., 1973, Parazitologiya, Leningrad, v. 7 (1), 3-13
Ixodes persulcatus group, species belonging to southern branch, zoogeography, ecology, paleontology, relationship to *I. ricinus*
- Ixodes persulcatus*
Kiselev, A. N., 1977, Zool. Zhurnal, v. 56 (11), 1606-1615
Ixodes persulcatus population, middle scale spatial structure, statistical treatment of transect estimates, distribution in relation to vegetation and landscape: Middle Sikhote-Alin
- Ixodes persulcatus*
Kolonin, G. V., 1978, Ekologiya, Sverdlovsk (3), 104-105
ixodid ticks, sex ratios of natural pasture populations, seasonal changes: Primorskii krai
- Ixodes persulcatus*
Kondrashova, Z. N.; Kotel'nikova, G. M.; and Kolotvinov, S. V., 1973, Parazitologiya, Leningrad, v. 7 (5), 437-442
Dermacentor spp., *Ixodes persulcatus*, experimental studies of salivation
- Ixodes persulcatus* P. Sch.
Korenberg, E. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 238-243
Ixodes persulcatus, method for detailed large-scale mapping of tick distribution
- Ixodes persulcatus*
Korenberg, E. I., 1978, Zhurnal Obsh. Biol., v. 39 (2), 227-235
Ixodes persulcatus, example of biochorological structure of species, hierarchical system, suggested units ranking from species down to population, geographic distribution to isolate all these categories
- Ixodes persulcatus*
Korenberg, E. I., 1979, Zool. Zhurnal, v. 58 (4), 542-552
Ixodes persulcatus, *I. ricinus*, vectors of tick-borne encephalitis
- Ixodes persulcatus*
Korenberg, E. I.; et al., 1978, Biul. Moskov. Obshch. Ispyt. Prir., Otdel Biol., v. 83 (4), 5-14
Ixodes persulcatus, spatial structure and abundance of populations, long term studies: Kirovsk oblast; Udmurtsk ASSR
- I[*xodes*] *persulcatus*
Korenberg, E. I.; and Kovalevskii, Iu. V., 1977, Zool. Zhurnal, v. 56 (10), 1467-1478
I[*xodes*] *persulcatus*, *I. ricinus*, vectors of tick-borne encephalitis, quantitative scheme for circulation of virus, basis for modelling epizootic process and improving principles of forecasting intensity
- Ixodes persulcatus*
Lur'e, A. A.; Naumov, R. L.; and Arumova, E. A., 1971, Parazitologiya, Leningrad, v. 5 (3), 281-288
Ixodes persulcatus, radioisotope tagging, comparison of two techniques
- Ixodes persulcatus*
Lvov, D. K.; et al., 1978, Acta Virol., Internat. J., English ed., v. 22 (6), 458-463
Ixodes persulcatus, isolation of Sikhote-Alin virus
Sus scrofa: Krasnoarmeisk district, Primorie region (U.S.S.R.)

- Ixodes persulcatus*
Musatov, V. A., 1978, Veterinariia, Moskva (6), 57-61
ixodid ticks, pathology of host skin reaction to bite and feeding, nonspecific (innate) reaction and specific immune reaction
- Ixodes persulcatus*
Okulova, N. M., 1978, Ekologiya, Sverdlovsk (2), 44-48
ixodid ticks, vertical and horizontal movements in forest conditions, dependent upon air temperature and humidity
- Ixodes persulcatus*
Panfilova, I. M., 1978, Zool. Zhurnal, v. 57 (2), 190-196
Ixodes persulcatus, lateral organs on both sides of brain, secretory activity and growth increase during feeding and coincide with vitellogenesis
- Ixodes persulcatus*
Takada, N.; Fujita, H.; and Yamaguchi, T., 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 216-218
human (arm, neck): northern part of Honshu, Japan
- Ixodes persulcatus* Schulze
Uspenskii, I. V., 1974, Parazitologiya, Leningrad, v. 8 (4), 312-321
Ixodes persulcatus, susceptibility to acaricides
- Ixodes persulcatus*
Uspenskii, I. V.; Kachanko, N. I.; and Repkina, L. V., 1978, Zool. Zhurnal, v. 57 (3), 391-397
Ixodes persulcatus, *Haemaphysalis concinna*, *Dermacentor silvarum*, analysis of regions of high population density near northern and high altitude limits, seasonal variations in abundance and sex ratios: Amur oblast
- Ixodes persulcatus* P. Sch.
Uspenskii, I. V.; and Repkina, L. V., 1974, Parazitologiya, Leningrad, v. 8 (1), 3-11
Ixodes persulcatus, physiological age and age structure of natural populations over a season, changes in mean physiological age under influence of DDT solution or of the solvent (methyl-ethyl ketone), comparisons of changes in physiological age and susceptibility to DDT
- Ixodes persulcatus*
Uspenskii, I. V.; and Repkina, L. V., 1978, Zool. Zhurnal, v. 57 (7), 1092-1095
Ixodes persulcatus, mating and fertilization in relation to age and moulting
- Ixodes persulcatus*
Vansulin, S. A.; and Malakhov, I. V., 1976, Med. Parazitol. i Parazitar. Bolezni, v. 45 (1), 94-95
Ixodes persulcatus, density, encephalitis virus infection rate, seasonal distribution: Gulf of Finland coast from Leningrad to Roshchino (resort area for Leningrad residents)
- Ixodes persulcatus*
Volkov, V. I.; et al., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Ixodes persulcatus*
Volkov, V. I.; and Ershov, N. E., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 69-73
Ixodes persulcatus, computer analysis of numbers in relation to various ecological factors, including numbers of hosts and climatic conditions, 1962-1976, basis for predicting abundance: Priamur'ia
- Ixodes persulcatus*, *illus.*
Zhiliaev, E. A., 1977, Veterinariia, Moskva (7), 57-59
piroplasmiasis, reindeer, *Ixodes persulcatus* found in insignificant numbers and only in summer, need to consider other possible vectors: Khabarovsk Krai
- Ixodes persulcatus* P. Sch.
Zolotov, P. E.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 116-122
Ixodes persulcatus, *I. ricinus*, ecology, seasonal activity: Leningrad oblast
- Ixodes petauristae*
Sreenivasan, M. A.; Bhat, H. R.; and Rajagopalan, P. K., 1979, Indian J. Med. Research, v. 69, 708-713
partly fed ixodid ticks, transmission of Kyasanur forest disease virus
- Ixodes plumbeus* Leach
Borisova, V. I., 1972, Parazitologiya, Leningrad, v. 6 (5), 457-464
ecology of nest parasites of birds with emphasis on *Dermanyssus hirundinis*, *Ceratophylus gallinae*, and *Carnus haemapterus*, seasonal changes in populations, adaptation of life cycles to host life cycles
+*Riparia riparia* (nest): Tatar ASSR
- Ixodes pomerantzevi* Serd.
Koloin, G. V.; and Bolotin, E. I., 1977, Zool. Zhurnal, v. 56 (3), 475-476
Apodemus speciosus
Clethrionomys rufocanus
C. rutilus
Apodemus agrarius
Microtus fotis
Eutamias sibiricus
all from Primorskii krai
- Ixodes pratti* Banks, 1908 (pro parte)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Pholeoixodes*) *kingi* Bishopp, 1911
- Ixodes pratti* Banks, 1908 (pro parte)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Ixodes*) *scapularis* Say, 1821
- Ixodes pratti* Banks, 1908 (pro parte)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Pholeoixodes*) *texanus* Banks, 1909
- Ixodes putus procellariae* Schulze, 1930
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes* (*Ceratixodes*) *uriae* White, 1852

- Ixodes rarus*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Thryonomys swinderianus
Viverra civetta
all from Sierra Leone
- Ixodes redikorzevi* Olenev, 1927
Cerny, V., 1971, Folia Parasitol., v. 18 (2), 160
synonymy
Erinaceus roumanicus: Austria
- Ixodes redikorzevi redikorzevi* Ol.
Skliar, V. E., 1970, Parazitologiya, Leningrad, v. 4 (6), 524-527
[Apodemus]: southern Donets oblast
- Ixodes reduvius* Neumann, 1899 (pro parte)
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
as syn. of *Ixodes (Ixodes) scapularis* Say, 1821
- Ixodes ricinus*
Adam, K. M. G.; et al., 1978, Brit. Vet. J., v. 134 (5), 428-433
babesiosis, cattle, 2 outbreaks compared (clean cattle introduced to tick-infested endemic area; tick-infested cattle introduced to clean area), percentage seropositive for babesial antibody, degree of manifest disease, treatment with amicarbalide, results indicate that vaccination against *Babesia divergens* is feasible and desirable: Scotland
- Ixodes ricinus* L.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaya, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Apodemus*]
all from Belorussian Polesia
- Ixodes ricinus*
Bauch, R. J., 1973, Ang. Parasitol., v. 14 (4), 208-213
Ixodes ricinus larvae on *Apodemus flavicollis* and *Clethrionomys glareolus*, seasonal occurrence, localization on host body: DDR-Bezirk Magdeburg
- Ixodes ricinus* L.
Belozerov, V. N., 1971, Parazitologiya, Leningrad, v. 5 (6), 481-487
Ixodes ricinus, unfed nymphs, effect of changes in photoperiodic regime on development after engorgement
- Ixodes ricinus*
Bindseil, E.; and Ishøy, P., 1978, Dansk Vet.-Tidsskr., v. 61 (20), 980-982
babesiosis, probably *Babesia divergens*, cattle, case histories, acaprin treatment, *Ixodes ricinus* identified on one cow: Laesø
- Ixodes ricinus*
Britt, D.; and Molyneux, D. H., 1979, J. Parasitol., v. 65 (3), 408
Sciurus carolinensis: Delamere Forest, Cheshire, England
- Ixodes ricinus*
Brossard, M.; and Girardin, P., 1979, Experimentia, v. 35 (10), 1395-1397
Ixodes ricinus, rabbits, passive transfer of resistance with immune serum, effect on feeding and egg laying, IgG and homocytotropic specific antibodies of donors and recipients, immediate skin sensitivity of recipients
- Ixodes ricinus*
Chermette, R., 1979, Point Vet. (45), v. 9, 31-40
Babesia divergens, bovine, as cause of icterus, review: life cycle, epidemiology, clinical aspects, pathogenesis, immunity, diagnosis, treatment, prophylaxis
- Ixodes ricinus*
Duncan, J. S.; et al., 1978, J. Wildlife Management, v. 42 (3), 500-505
Ixodes ricinus, number of nymphs on *Lagopus lagopus scoticus* chicks inversely related to adult birds' breeding success and population density, tick-borne louping-ill virus was probably an important cause of death: Speyside, Scotland
- Ixodes ricinus*
Dusbabek, F.; Daniel, M.; and Cerny, V., 1971, Folia Parasitol., v. 18 (3), 261-266
Ixodes ricinus, vertical stratification of overwintering engorged larvae in soil
- Ixodes ricinus*
Filippova, N. A., 1973, Parazitologiya, Leningrad, v. 7 (1), 3-13
Ixodes persulcatus group, species belonging to southern branch, zoogeography, ecology, paleontology, relationship to *I. ricinus*
- Ixodes ricinus*
Frank, C., 1977, Ztschr. Parasitenk., v. 53 (3), 251-254
Hepatozoon erhardovae, incidence in *Clethrionomys glareolus* (blood), distribution of schizonts in lungs; accumulation of gametocytes in *Ixodes ricinus* (nat. and exper.) or *Neotrombicula zachvatkini* (nat. and exper.) after biting heavily infected *C. glareolus*; occasionally transmitted to non-specific host, *Apodemus flavicollis* (exper.), but only by specific vector, *Megabothris turbidus* (exper.): South-Western Styria and areas around Neusiedlersee
- Ixodes ricinus*
Georgiev, B.; et al., 1971, Folia Parasitol., v. 18 (3), 267-273
ticks of natural focus of tick-borne encephalitis of sheep and man, monthly incidence on sheep, goats and on pasture, 1966-1970: Rhodope mountains, Bulgaria
- Ixodes ricinus*
Graf, J. F., 1978, Mitt. Schweiz. Entom. Gesellsch., v. 51 (1), 89-97
Ixodes ricinus, copulation, nutrition, and oviposition, rearing method, white mouse used for larvae and nymphs, rabbit and guinea pig for females, sex of nymphs determined successfully on basis of engorgement weight

- Ixodes ricinus* L., illus.
 Graf, J. F., 1978, Mitt. Schweiz. Entom. Gesellsch., v. 51 (2-3), 241-253
Ixodes ricinus, copulation, meeting of both sexes assured by female pheromone, crossed attraction between *I. ricinus* and *I. hexagonus*
- Ixodes ricinus*
 Gray, J. S.; Turley, T.; and Strickland, K. L., 1978, Irish Vet. J., v. 32 (2), 25-34
Ixodes ricinus, ecology, comparison of 2 methods of population assessment (blanket dragging and counts on sheep), seasonal activity appears to be independent of weather; no correlation between tick activity and redwater fever, strong correlation between redwater fever incidence and air temperature: Co. Wicklow, Ireland
- Ixodes ricinus* (L.)
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Muscardinus avellanarius
Sorex araneus
Sorex alpinus
Neomys fodiens
Crocidura suaveolens
 all from Gory Sowie (Middle Sudetes), Poland
- Ixodes ricinus*
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex alpinus
Neomys fodiens
Crocidura suaveolens
 all from Gory Sowie (Middle Sudetes), Poland
- Ixodes ricinus*
 Healy, J. A., 1979, Genetica, v. 50 (1), 19-30
Ixodes ricinus, polymorphism at α -glycerophosphate dehydrogenase locus detected by electrophoresis, allele and genotype frequency patterns in natural tick populations, physiological and behavioral correlates of alternate genotypes (susceptibility to desiccation, locomotory efficiency), sex and locality differences, results provide evidence that polymorphism serves adaptive function and suggest factors that may be involved in selective maintenance of variability in natural populations: Ireland
- Ixodes ricinus*, illus.
 Healy, J. A., 1979, Parasitology, v. 78 (1), 7-17
Ixodes ricinus, samples from several Irish localities and from spring and autumn ticks collected in one area, detection by electrophoresis of very high allelic variation at locus coding for phosphoglucosmutase, allele frequency patterns, both spatial and temporal genetic differentiation exist, possible use of this polymorphism in population and taxonomic studies, possible adaptive significance of polymorphism in autecology of parasite
- Ixodes ricinus*
 Honzakova, E., 1971, Folia Parasitol., v. 18 (2), 155-159
 ticks, survival, submerged in clear water, water containing litter, various temperatures, laboratory experiments
- Ixodes ricinus*
 Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
 ticks, development under standard laboratory conditions
- Ixodes ricinus*
 Hubalek, Z.; et al., 1978, Ceskoslov. Epidemiol., Mikrobiol., Immunol., v. 27 (6), 321-326
Ixodes ricinus, isolation of tick-borne encephalitis virus and Uukuniemi virus: area of Vranov water dam, Znojmo district, South Moravian region
- Ixodes ricinus* (L., 1758)
 Kadulski, S., 1975, Acta Parasitol. Polon., v. 23 (41-51), 493-535
Ixodes ricinus, infestation in relation to species and size of host, long-term and seasonal fluctuations in numbers, habitat preference on host
Alces alces
Cervus elaphus
Dama dama
Capreolus capreolus
Cervus nippon
Sus scrofa
 all from Poland
- Ixodes ricinus* L.
 Kiefer, M.; and Cyprich, D., 1978, Acta Fac. Rerum Nat. Univ. Comenianae, Zool. (23), 5-12
 ticks, susceptibility to acaricides: Slovakia
- Ixodes ricinus*
 Kolman, J. M.; and Husova, M., 1971, Folia Parasitol., v. 18 (4), 329-335
Ixodes ricinus, virus-carrying ability
- Ixodes ricinus*
 Korenberg, E. I., 1979, Zool. Zhurnal, v. 58 (4), 542-552
Ixodes persulcatus, *I. ricinus*, vectors of tick-borne encephalitis
- I[*xodes*] *ricinus*
 Korenberg, E. I.; and Kovalevskii, Iu. V., 1977, Zool. Zhurnal, v. 56 (10), 1467-1478
 I[*xodes*] *persulcatus*, *I. ricinus*, vectors of tick-borne encephalitis, quantitative scheme for circulation of virus, basis for modelling epizootic process and improving principles of forecasting intensity
- Ixodes ricinus*
 Kozuch, O.; et al., 1978, Acta Virol., Internat. J., English ed., v. 22 (1), 74-76
Ixodes ricinus, isolation of Tettng virus: Czechoslovakia
- Ixodes ricinus*
 Kozuch, O.; et al., 1979, Acta Virol., Internat. J., English ed., v. 23 (1), 86-88
Ixodes ricinus, *Dermacentor reticulatus*, 7 strains of Tettng virus isolated from ticks, mosquitoes, and small rodents: Czechoslovakia

- Ixodes ricinus*
 Krampitz, H. E.; and Baeumler, W., 1978, Ztschr. Parasitenk., v. 58 (1), 15-33
Babesia microti in *Microtus agrestis*, prevalence by host sex and weight and by months, splenomegaly, only *Ixodes ricinus* found on mammals and vegetation of surveyed area; experimental host range: westlich von Munchen
- Ixodes ricinus, illus.*
 Lewis, D., 1979, Ztschr. Parasitenk., v. 59 (3), 295-298
Ixodes ricinus, presence of rickettsia-like microorganisms within ovaries of female ticks known to be infected with *Cytoecetes phagocytophila*
- Ixodes ricinus*
 Molnar, E.; et al., 1977, Acta Vet., Budapest, v. 26 (4), 1976, 419-437
Ixodes and *D[ermacentor]* spp., vectors of tick-borne encephalitis: Hungary
- Ixodes ricinus*
 Monov, M.; Petrov, D.; and Milushev, I., 1977, Vet. Med. Nauki, v. 14 (5), 48-54
 ixodid ticks, distribution, seasonal activity, descriptions of biotopes: Northwest Bulgaria
- Ixodes ricinus*
 Musatov, V. A., 1978, Veterinariia, Moskva (6), 57-61
 ixodid ticks, pathology of host skin reaction to bite and feeding, nonspecific (innate) reaction and specific immune reaction
- Ixodes ricinus*
 Nikol'skii, S. N.; Nikiforenko, V. I.; and Pozov, S. A., 1977, Veterinariia, Moskva (4), 71-75
Piroplasma jakimovi, cattle, morphological and biological comparison with *P. bigeminum*, epizootiology (*Ixodes ricinus* as main vector; frequent association with leptospiriosis), treatment: Siberia
- Ixodes ricinus*
 Nilsson, A.; and Lundqvist, L., 1978, Oikos, v. 31 (3), 313-322
Ixodes ricinus larvae, overdispersed distribution on small mammal species in field during spring and autumn, host sex, feeding success on different host species under laboratory conditions, orientation, movements, and spatial frequency distribution on host body
Sorex araneus
Clethrionomys glareolus (nat. and exper.)
Apodemus sylvaticus (nat. and exper.)
 all from Kullaberg, southern Sweden
- Ixodes ricinus, illus.*
 Nosek, J.; Rajcani, J.; and Kozuch, O., 1978, Zentralbl. Bakteriolog., 1. Abt. Orig., Reihe A, v. 242 (2), 141-147
Ixodes ricinus, penetration and host tissue reactions during feeding of viruliferous ticks on *Mesocricetus auratus* (exper.)
- Ixodes ricinus*
 Okulova, N. M., 1978, Ekologiya, Sverdlovsk (2), 44-48
 ixodid ticks, vertical and horizontal movements in forest conditions, dependent upon air temperature and humidity
- Ixodes ricinus*
 Peirce, M. A.; and Hawman, R., 1974, J. Med. Entom., v. 11 (2), 230
Ixodes ricinus, syringe technique for handling and applying ticks to their mammalian host
- Ixodes ricinus*
 Petrelli, G.; and Crestini, A. M., 1976, Parassitologia, v. 18 (1-3), 85-94
Ixodes ricinus, *Hyalomma marginatum*, effect of different combinations of temperature
- Ixodes ricinus*
 Phillips, J.; and Duncan, J. S., 1978, Ann. Applied Biol., v. 88 (2), 346-347
Ixodes ricinus, economic effect of ticks and louping-ill on sheep and grouse, *Lagopus lagopus scoticus*, reduction in reproduction of grouse: Moray; Central Perthshire
- Ixodes ricinus*
 Rehse-Kuepper, B.; et al., 1978, Zentralbl. Bakteriolog., 1. Abt. Orig., Reihe A, v. 242 (2), 148-155
Ixodes ricinus, Central European encephalitis virus isolated: southern Germany
- Ixodes ricinus*
 Respaldiza Cardenosa, E., 1974, An. Inst. Nac. Invest. Agrar., s. Hig. y San. Animal (1), 167-181
 Ixodidae, vectors of neorickettsias, none found in *Dermacentor marginatus*: Spain
- Ixodes ricinus*
 Sixl, W.; and Stuenzner, D., 1975, Ang. Parasitol., v. 16 (2), 106-108
 autan spray, effective repellent against ticks, field and laboratory trials
- Ixodes ricinus* Linnaeus, 1758, illus.
 Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parassitologia, v. 18 (1-3), 109-118
Lepus europaeus
Canis familiaris
Vulpes vulpes
Bos taurus
 all from Provincia di l'Aquila, Abruzzo, Italia
- Ixodes ricinus*
 Tsintsadze, D. Sh.; and Gugushvili, G. K., 1978, Soobshch. Akad. Nauk Gruzinsk. SSR, v. 92 (3), 729-732
 Ixodidae spp. found not to be vectors of *Listeria monocytogenes* in confirmed bovine disease foci: Georgian SSR
- Ixodes ricinus*
 Varma, M. G. R.; and Smith, C. E. G., 1971, Folia Parasitol., v. 18 (1), 63-72
Ixodes ricinus, *I. trianguliceps*, role of small mammals and their ectoparasites in epidemiology of louping ill virus
Sorex minutus
S. araneus
Neomys fodiens
Microtus agrestis
Clethrionomys glareolus
Apodemus sylvaticus
 all from southwest Scotland
- Ixodes ricinus*
 Verani, P.; Balducci, M.; and Lopes, M. C., 1978, Acta Virol., Internat. J., English ed., v. 22 (2), 170
Ixodes ricinus, isolation of Tribec virus: Italy

- Ixodes ricinus*
 Wroblewska-Mularczykowa, Z.; et al., 1974, Przegl. Epidemiol., v. 28 (1), 17-22
Ixodes ricinus, vector of encephalitis and encephalomeningitis virus in the province of Lodz, Poland
- Ixodes ricinus* L.
 Zolotov, P. E.; et al., 1974, Parazitologia, Leningrad, v. 8 (2), 116-122
Ixodes persulcatus, *I. ricinus*, ecology, seasonal activity: Leningrad oblast
- Ixodes ricinus aragaoi* Fonseca, 1935
 Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
 as syn. of *Ixodes (Ixodes) affinis* Neumann, 1899
- Ixodes ricinus* var. *scapularis* Nuttall & Warburton, 1911
 Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
 as syn. of *Ixodes (Ixodes) scapularis* Say, 1821
- Ixodes rubicundus*
 Nagy, G., 1971, J. South African Vet. Ass., v. 42 (3), 227-232
Hyalomma truncatum, *Rhipicephalus capensis*, *Ixodes rubicundus*, sheep, no relationship between tick infestation and incidence of caseous lymphadenitis: Karoo, South Africa
- Ixodes (Pholeoixodes) rugosus* Bishopp, 1911, illus.
 Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes scapularis*
 Gorman, R. J.; and Snead, O. C., 1978, Clin. Pediat., Philadelphia, v. 17 (3), 249-251
 tick paralysis in 3 children (one case caused by *Ixodes scapularis*), different presenting neurologic symptoms with each child, tick discovered on each, clinical case reports, importance of differential diagnosis in acute onset of paralysis or ataxia: Mississippi
- Ixodes scapularis* Say
 Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Tamias striatus: Fort Dix, New Jersey
- Ixodes (Ixodes) scapularis* Say, 1821, illus.
 Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes scapularis*
 Loving, S. M.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (6), 1255-1260
 ticks, distribution and prevalence of infection with spotted fever group rickettsiae, epidemiological survey of persons bitten by infected ticks: South Carolina
- Ixodes scapularis*
 Oliveira, M. R.; and Kreier, J. P., 1979, J. Parasitol., v. 65 (5), 816-817
Babesia microti, transmission to hamsters and gerbils by *Ixodes pacificus* and *I. scapularis* but not by *Dermacentor andersoni* or *D. variabilis*
- Ixodes scapularis* Say, 1821, illus.
 Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
 ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ixodes scapularis* Say
 Sonenshine, D. E.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (2, pt. 1), 339-349
 epizootiology of *Rickettsia prowazekii* in *Glaucomys volans*, vector transmission suggested by occurrence of natural infections in *Orchopeas howardii* and *Neohaematopinus sciuropteri*, ecology of ectoparasites associated with *G. volans* (seasonal activity, abundance in nests)
Glaucomys volans: Virginia
- Ixodes scapularis*
 Steere, A. C.; Broderick, T. F.; and Malawista, S. E., 1978, Am. J. Epidemiol., v. 108 (4), 312-321
Ixodes scapularis, epidemiologic evidence and tick survey support hypothesis that erythema chronicum migrans and Lyme arthritis are tick-transmitted: southcentral Connecticut
- Ixodes scapularis*
 Wallis, R. C.; et al., 1978, Am. J. Epidemiol., v. 108 (4), 322-327
 survey of tick populations in areas of high and low incidence of erythema chronicum migrans and Lyme arthritis, like incidence of disease *Ixodes scapularis* was more abundant in communities on east compared to west side of Connecticut River; attempts to isolate etiologic agent unsuccessful
Odocoileus virginianus
Peromyscus leucopus
Microtus pennsylvanicus
Tamias striatus
Procyon lotor
Mephitis mephitis
 humans
 dogs
 cats
 all from southcentral Connecticut
- Ixodes (Pholeoixodes) sculptus* Neumann, 1904, illus.
 Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes (Scaphixodes) signatus* Birula, 1895, illus.
 Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes soricis* Gregson
 Easton, E. R.; and Goulding, R. L., 1974, J. Med. Entom., v. 11 (4), 413-418
Ixodes angustus, *I. pacificus*, and *I. soricis* from coastal and valley forest habitats, abundance, seasonal occurrence, host specificity, site of attachment on hosts, environmental influences on tick populations
Sorex trowbridgi
S. bendirei
S. pacificus or *S. vagrans yaquinae*
S. vagrans
Neurotrichus gibbsii
 all from western Oregon

- Ixodes* (*Pholeoixodes*) *soricis* Gregson, 1942, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* (*Ixodes*) *spinipalpis* Hadwen & Nuttall, 1916, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* *tatei* Arthur, 1959
Filippova, N. A., 1974, Parazitologiya, Leningrad, v. 8 (6), 504-514
as syn. of *Ixodes eldaricus* Djaparidze, 1950
- Ixodes texanus* Banks
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Procyon lotor: Fort Dix, New Jersey
- Ixodes* (*Pholeoixodes*) *texanus* Banks, 1909, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes texanus* Banks, 1908, illus.
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ixodes texanus*
Wallis, R. C.; et al., 1978, Am. J. Epidemiol., v. 108 (4), 322-327
southcentral Connecticut
- Ixodes texanus*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Procyon lotor: Indiana
- Ixodes thompsoni* Arthur, 1955
Gilot, B.; and Perez, C., 1978, Rev. Suisse Zool., v. 85 (1), 143-149
as syn. of *Ixodes ventalloi* Gil Collado, 1936
- Ixodes* (*Ixodes*) *tovari* Cooley, 1945, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes transcaucasicus hystrix* Schulze, 1944
Cerny, V., 1971, Folia Parasitol., v. 18 (2), 160
as syn. of *Ixodes redikorzevi* Olenov, 1927
- Ixodes trianguliceps* Bir.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Apodemus*]
all from Belorussian Polesia
- Ixodes trianguliceps* Bir.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Mus musculus
Sorex araneus
Sorex minutus
Neomys fodiens
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Ixodes trianguliceps*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Mus musculus
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Ixodes trianguliceps*
Molnar, E.; et al., 1977, Acta Vet., Budapest, v. 26 (4), 1976, 419-437
Ixodes and *D[ermacentor]* spp., vectors of tick-borne encephalitis: Hungary
- Ixodes trianguliceps*
Novozhilova, E. N., 1971, Parazitologiya, Leningrad, v. 5 (4), 377-381
seasonal occurrence of ectoparasites of *Clethrionomys glareolus* and inhabitants of its nest, interrelationships between different groups of arthropods on the host and/or in its nest: Komi ASSR
- Ixodes trianguliceps*
Okulova, N. M., 1978, Ekologiya, Sverdlovsk (2), 44-48
ixodid ticks, vertical and horizontal movements in forest conditions, dependent upon air temperature and humidity
- Ixodes trianguliceps*
Randolph, S. E., 1979, Parasitology, v. 79 (1), 141-156
Ixodes trianguliceps, manifestations of acquired resistance in successive infestations of unnatural host (laboratory mice) but not of natural host (*Apodemus sylvaticus*), relevance to concept of host-parasite co-evolution and to tick population regulation
- Ixodes trianguliceps*
Varma, M. G. R.; and Smith, C. E. G., 1971, Folia Parasitol., v. 18 (1), 63-72
Ixodes ricinus, *I. trianguliceps*, role of small mammals and their ectoparasites in epidemiology of louping ill virus
Sorex minutus
S. araneus
Microtus agrestis
Clethrionomys glareolus
Apodemus sylvaticus
all from southwest Scotland

- Ixodes trianguliceps* Birula, 1895
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Clethrionomys glareolus: El Rasillo, Logrono, Espana
- Ixodes trianguliceps* Bir.
Zolotov, P. E.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 116-122
Leningrad oblast
- Ixodes turdus* Nak.
Bolotin, E. I.; and Kolonin, G. V., 1979, Zool. Zhurnal, v. 58 (3), 435-436
Turdus pallidus: Nadezhdinsk region (right bank of Razdol'noye river)
- Ixodes uriae* White, 1852
Eley, T. J., jr., 1977, J. Med. Entom., v. 13 (4-5), 506
Ixodes uriae on *Lutra canadensis* (inner surface of right pinna), considered an accidental host: beach 1.5 km south of Trinidad, Humboldt County, California
- Ixodes* (*Ceratixodes*) *uriae* White, 1852
Fitzpatrick, C.; and Threlfall, W., 1977, Canad. J. Zool., v. 55 (7), 1205-1209
Rissa tridactyla (gular region): Gull Island, Witless Bay, Newfoundland, Canada
- Ixodes* (*Ceratixodes*) *uriae* White, 1852, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodes* (*Ceratixodes*) *uriae*
Main, A. J.; et al., 1976, J. Med. Entom., v. 13 (3), 309-315
Ixodes uriae, isolation of 2 new Sakhalin group viruses: Great Island, Newfoundland, Canada; Clo Mor, Cape Wrath, Scotland
- Ixodes* (*Ceratixodes*) *uriae* (=I. putus)
Main, A. J.; Shope, R. E.; and Wallis, R. C., 1976, J. Med. Entom., v. 13 (3), 304-308
Ixodes uriae, isolation of new Kemerovo group orbivirus: Scotland
- Ixodes ventralloi* Gil Collado, 1936, illus.
Gilot, B.; and Perez, C., 1978, Rev. Suisse Zool., v. 85 (1), 143-149
synonymy
Ixodes ventralloi, *I. festai*, differential diagnosis
Oryctolagus cuniculus
Lepus europaeus
Sciurus vulgaris
Erinaceus europaeus
Meles meles
Martes foina
Genetta genetta
Felis domestica
Homo sapiens
Alectoris rufa
Phasianus colchicus
Asio otus
Turdus pilaris
Pica pica
- Ixodes* (*Eschatocephalus*) *vespertilionis* C. L. Koch, 1844
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Rhinolophus hipposideros: Afghanistan
- Ixodes* (*Pholeoixodes*) *woodi* Bishopp, 1911, illus.
Keirans, J. E.; and Clifford, C. M., 1978, J. Med. Entom., suppl. 2, 149 pp.
Ixodes spp., synonymy, keys, hosts, distribution, scanning electron microscope study
- Ixodidae*
Balashov, Iu. S., 1979, [Atlas of electron microscopic anatomy of ixodid ticks], 255 pp.
- Ixodidae*
Berdyev, A., 1974, Parazitologiya, Leningrad, v. 8 (3), 227-233
Ixodidae, 4 types of "life schemes" distinguished on basis of ecological and life cycle studies
- Ixodidae*
Gill, H. S.; and Gill, B. S., 1977, Ixodid ticks of domestic animals in the Punjab State, 69 pp.
- Ixodidae*
Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
Metastigmata
key, keys to genera and species from Virginia
- Ixodidae*
Tesik, I., 1978, Biol. a Chem. Zivoc. Vyroby, Vet., v. 14 (v. 20) (4), 379-384
ectoparasites of reptiles, arpalit spray, toxicity to snakes and tortoise tested, TMB-4 as antidote
- Ixodidae* Murray, 1877
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
keys to genera, larvae and nymphs
includes: *Ixodes*; *Amblyomma*; *Haemaphysalis*; *Aponomma*; *Rhipicephalus*; *Hyalomma*; *Boophilus*
- Ixodides* Leach
Hallas, T. E., 1978, Entom. Medd., København, v. 46 (1), 27-45
check list of Danish Acari
- Ixodoidea*
Bailly-Choumara, H.; Morel, P. C.; and Rageau, J., 1974, Bull. Soc. Sc. Nat. et Phys. Maroc, v. 54 (1-2), 71-80
catalogue of ticks of Morocco
- Ixodoidea*
Dale, W. E., 1977, Rev. Peruana Entom., v. 20 (1), 100-102
bibliography of *Ixodoidea* from Peru, parasite list with geographical distribution and hosts
- Ixodoidea*
Mohammed, A. N., 1977, Samaru Misc. Paper (74), 18 pp.
Ixodoidea, domestic animals, literature review: Nigeria
- Ixodoidea*
Oliver, J. H., jr., 1974, J. Med. Entom., v. 11 (1), 26-34
Ixodoidea, reproduction (gametogenesis, mate finding, copulation, sperm behavior and longevity, syngamy, oviposition), review

- Kiricephalus
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
key
- Kiricephalus pattoni (Stephens, 1908) Samban, 1922, illus.
Ramachandran, P., 1977, Zool. Anz., Jena, v. 198 (1-2), 84-88
description
Ptyas mucosus (lungs): Kerala, India
- Kiricephalus pattoni (Stephens, 1908), illus.
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
Bufo bankorensis (subcutaneous tissue, viscera) (exper.)
Japarula swinhonis (surfaces of viscera) (exper.)
- Knemidocoptes. See Knemidokoptes.
- Knemidocoptes fossor
Voinov, I. N.; et al., 1978, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 76-79
Fringilla coelebs (nat. and exper.) (head, wings): Kurshskaia Spit
- Knemidocoptes jamaicensis Turk
Voinov, I. N.; et al., 1978, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 76-79
Fringilla coelebs: Kurshskaia Spit
- Cnemidocoptes pilae, illus.
Bajric, A.; Levi, I.; and Hlubna, D., 1978, Vet. Glasnik, v. 32 (10), 843-846
Cnemidocoptes pilae in Melopsittacus undulatus, clinical picture, alugan: Buiatric Clinic, Sarajevo
- Knemidokoptes pilae
Pandey, V. S.; and Shukla, R. R., 1977, Bull. Animal Health and Prod. Africa, v. 25 (2), 162-165
Melopsittacus undulatus (beak, eyes, head, neck, feet, carina, wings): purchased in Lubumbashi, Republic of Zaire
- Knemidocoptes pilae, illus.
Steiner, C. V.; and Davis, R. B., 1979, Vet. Med. and Small Animal Clin., v. 74 (7), 965-968
Knemidocoptes pilae, parakeet, case report, pathology, suggested therapy
- Cnemidocoptes pilae
Tierney, F.; and Baillie, J., 1979, Vet. Med. and Small Animal Clin., v. 74 (1), 69-70
Cnemidocoptes pilae, Mexican red-headed parrot (beak, face), case report, combined aerosol (malathion solution) and topical treatment (eurax and Goodwinol cream) highly effective and less stressful
- Koeniginirmus Eichler, 1940
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
as syn. of subgenus Cummingsiella Ewing 1930
- Kolourione new genus
Markham, J. C., 1978, Proc. Biol. Soc. Wash., v. 91 (2), 483-489
Bopyridae, Pseudioninae
tod: K. premordica new species
- Kolourione premordica new species (tod), illus.
Markham, J. C., 1978, Proc. Biol. Soc. Wash., v. 91 (2), 483-489
Pachycheles ackleianus: near Enriquillo, Dominican Republic; near St. Lucia; Gulf of Mexico, off coast of Florida; off Tampa Bay, Florida
Spheciospongia vesparia: Mer Frappee, Haiti; Curacao
- Kramerella sp.
Philips, J. R.; and Norton, R. A., 1978, J. Parasitol., v. 64 (5), 900-904
Bubo virginianus (quills): Oswego County, New York
- Kurodaia sp.
Watling, D., 1977, Fiji Agric. J., v. 39 (2), 116-117
Tyto alba: Sigatoka Valley, Viti Levu, Fiji Islands
- Laelaps s. str.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
Laelaps s. str., taxonomic analyses (numerical and classical), proposed classification, key to females of species from small mammals of Africa
- Laelaps (Echinolaelaps) sp. nr mercedeeae Strandtmann & Mitchell, 1963
Hadi, T. R.; et al., 1977, J. Med. Entom., v. 13 (4-5), 587-590
Rattus rattus
R. moi
all from Con Son Island
- Laelaps sp. nr thammomys Taufflieb, 1954
Hadi, T. R.; et al., 1977, J. Med. Entom., v. 13 (4-5), 587-590
Rattus berdmorei: mainland South Vietnam
- Laelaps sp., undet.
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae: Tonden, Sapporo, Hokkaido
- Laelaps sp.
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: Queensland and New South Wales
R. sordidus: Queensland
R. leucopus leucopus: Queensland
R. leucopus cooktownensis: Queensland
R. tunneyi culmorum: Queensland
Pseudomys albocinereus: Western Australia
P. occidentalis: Western Australia
P. praeconis: Western Australia
all from Australia
- Laelaps sp.
Tagil'tsev, A. A., 1971, Parazitologiya, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast

- Laelaps (Laelaps) acomys* n. sp., illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
key
Acomys spinosissimus: Rhodesia (Dunblaine, Manicaland; 3 mi. NE Mt. Selinda, Farfell Farm, Manicaland; Chirinda Forest, Manicaland; Nyamkarara River, Manicaland; Ngorima Reserve (East), Manicaland)
- Laelaps aella*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Pseudomys gracilicaudatus: Queensland
P. nanus: Western Australia and Northern Territory
all from Australia
- Laelaps (Laelaps) aethiopicus* Hirst, 1925, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
key, description
- Laelaps agilis* Koch
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Apodemus*]
all from Belorussian Polesia
- Laelaps agilis* Koch, 1836, illus.
Edler, A.; and Solomon, L., 1979, Entom. Scand., v. 10 (2), 81-90
Laelaps agilis, description of preadult stages, notes on life history and feeding habits
Apodemus sylvaticus: S. Sweden; Roumania
Apodemus flavicollis: Roumania
Mus musculus spicilegus: Roumania
- Laelaps agilis* C.L. Koch 1836
Frank, C., 1977, Ztschr. Parasitenk., v. 53 (3), 307-310
Hepatozoon *sylvatici* transmitted from naturally to experimentally infected *Apodemus sylvaticus* and *A. flavicollis* by *Laelaps agilis*; *L. agilis* transmission of *H. sylvatici* to non-specific host, *Clethrionomys glareolus*; gonads of female mites possibly have stimulating effect on protozoan development; schizonts from bone marrow and liver of *Apodemus flavicollis* differ in morphology
- Laelaps agilis*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Laelaps agilis* C. L. Koch
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Apodemus sylvaticus
Microtus arvalis
all from Chuisk valley, Kirgiz SSR
- Laelaps agilis* Koch 1836
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Apodemus sylvaticus: Benasque, Huesca; Ortigosa, Logrono; El Rasillo, Logrono; and Villanueva de los Escuderos, Cuenca, Espana
- Laelaps (Echinolaelaps) aingworthae* Strandtmann & Mitchell, 1963
Hadi, T. R.; et al., 1977, J. Med. Entom., v. 13 (4-5), 587-590
Rattus surifer: mainland South Vietnam
- Laelaps alaskensis* Grant, 1947
Gill, D.; and Strandtmann, R. W., 1977, J. Med. Entom., v. 14 (1), 101-106
Dicrostonyx torquatus: Bathurst Island, N. W. T., Canada
- Laelaps alaskensis*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Mustela nivalis: Indiana
- Laelaps algericus* Hirst
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Apodemus agrarius*]: Belorussian Polesia
- Laelaps algericus* Hirst
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Cricetulus migratorius
Mus musculus
Apodemus agrarius
Microtus arvalis
Ondatra zibethicus
all from Chuisk valley, Kirgiz SSR
- Laelaps algericus* Hirst
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]: Tersko-Kumsk territory (North Caucasus)
- Laelaps algericus* Hirst.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Laelaps assimilis*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: Queensland, New South Wales, and Victoria
R. rattus: New South Wales
all from Australia
- Laelaps (Mesolaelaps) australiensis* Hirst, 1926
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
as syn. of *Mesolaelaps australiensis* (Hirst, 1926)

- Laelaps (Laelaps) benoiti* Taufflieb, 1964, *illus.*
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
key, description
Hipposideros caffer: Ivory Coast
Mus minutoides: Ghana; Rhodesia
Mus musculoides: Ghana; Ivory Coast; Nigeria
Mus setulosus: Ghana; Ivory Coast
Praomys tullbergi: Ghana; Togo
- Laelaps berlesi* Keegan, 1956
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
as syn. of *Laelaps (Laelaps) keegani* Thurman, 1958
- Laelaps (Laelaps) bocquieri* Taufflieb, 1962, *illus.*
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
key, description
- Laelaps (Laelaps) brandbergensis* Taufflieb, 1959, *illus.*
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
key, description
Petromyscus collinus
Aethomys namaquensis
all from South Africa
- Laelaps (Laelaps) brazzai* Taufflieb, 1962, *illus.*
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
key, description
- Laelaps (Laelaps) breviperitremus* (Garrett and Strandtmann), *illus.*
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
synonymy, key, description
- Laelaps breviperitremus*: Furman, 1972
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
as syn. of *Laelaps (Laelaps) breviperitremus* (Garrett and Strandtmann)
- Laelaps buxtoni*
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Mus platythrix
M. musculus
Rattus norvegicus
R. rattus
R. meltada meltada
Suncus murinus
Tatera indica
Nesokia indica
all from Maharashtra State, India
- Laelaps clethrionomydis* Lange
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaja, A. G., 1977, *Vestsi Akad. Navuk BSSR, s. Biial. Navuk* (5), 104-109
[*Clethrionomys glareolus*]: Belorussian Polesia
- Laelaps clethrionomydis*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, *Parazitologiya, Leningrad*, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Laelaps clethrionomydis*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus arvalis
Apodemus tauricus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Laelaps clethrionomydis*
Novozhilova, E. N., 1971, *Parazitologiya, Leningrad*, v. 5 (4), 377-381
seasonal occurrence of ectoparasites of *Clethrionomys glareolus* and inhabitants of its nest, interrelationships between different groups of arthropods on the host and/or in its nest: Komi ASSR
- Laelaps clethrionomydis*
Volkov, V. I.; et al., 1979, *Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Laelaps (Laelaps) congoicola* Taufflieb, 1959, *illus.*
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
key, description
- Laelaps cybiala*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Mastacomys fuscus: New South Wales, Australia
- Laelaps dearmasi*
Yunker, C. E.; et al., 1975, *J. Med. Entom.*, v. 12 (2), 250-255
ticks and mites, vectors of viral and rickettsial agents: Panama
- Laelaps echidnina*
Devine, T. L.; and Wharton, G. W., 1973, *J. Insect Physiol.*, v. 19 (2), 243-254
Laelaps echidnina, kinetics of water exchange between mite and surrounding air, mathematical model
- Laelaps (Echinolaelaps) echidninus* Berlese, 1887
Hadi, T. R.; et al., 1977, *J. Med. Entom.*, v. 13 (4-5), 587-590
Callosiurus notatus: Con Son Island
Hylotropes spadiceus: Con Son Island
Rattus rattus: mainland South Vietnam
Rattus r. molliculus: Con Son Island; mainland South Vietnam
Rattus r. germani: Con Son Island
Rattus sp.: mainland South Vietnam
Rattus exulans concolor: Con Son Island
Rattus argentiventer: mainland South Vietnam
Rattus niviventer condorensis: Con Son Island
Callosiurus finlaysoni germani: Con Son Island
Tupaia glis dissimilis: Con Son Island
Tupaia glis modesta: mainland South Vietnam
Rhinolophus chaseni: Con Son Island
Hipposideros larvatus: Con Son Island
- Laelaps echidnina* Berlese
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Didelphis marsupialis
Rattus norvegicus
all from Fort Dix, New Jersey

- Laelaps (Echinolaelaps) echidninus* Berl.
 Srivastva, S. P.; and Wattal, B. L., 1975,
 Indian J. Entom., v. 35 (4), 1973, 306-324
Mus platythrix
Rattus melta
Tatera indica
Rattus rattus
 all from Maharashtra State, India
- Laelaps echidninus* Berlese, 1887
 Wilson, N.; and Wodzicki, K., 1977, N. Zealand
 J. Zool., v. 4 (4), 383-387
Rattus rattus
R. exulans
 all from Niue Island
- Laelaps (Laelaps) fritzumpti* Taufflieb, 1964,
 illus.
 Herrin, C. S.; and Tipton, V. J., 1976, Great
 Basin Nat., v. 36 (2), 113-205
 key, description
Elephantulus myurus: South Africa
Elephantulus rupestris: South Africa
Macroscelides proboscideus: South Africa
Desmodillus auricularis: South Africa
Gerbillus paeba: South Africa
Tatera brandsi: South Africa
Tatera leucogaster: South Africa
Petromyscus collinus: South Africa
Aethomys chrysophilus: Rhodesia; South
 Africa
Aethomys namaquensis: Botswana; South Afri-
 ca
Mastomys natalensis: South Africa
Thallomys paedulus: South Africa
Rhabdomys pumilio: South Africa
Saccostomus campestris: South Africa
Paratomys brandsi: South Africa
Mus minutoides: South Africa
- Laelaps (Laelaps) grenieri* Taufflieb, 1954,
 illus.
 Herrin, C. S.; and Tipton, V. J., 1976, Great
 Basin Nat., v. 36 (2), 113-205
 key, description
Tadarida major: Upper Volta
Tatera kempi: Dahomey
Hybomys trivirgatus: Ivory Coast
Lemniscomys barbarus: Ghana; Upper Volta
Lemniscomys macculeus: Ivory Coast
Lemniscomys striatus: Ghana; Ivory Coast;
 Nigeria; Togo
Lophuromys sikapusi: Nigeria
Myomys daltoni: Ghana
Praomys tullbergi: Nigeria
Uranomys oweni: Senegal
Uranomys ruddi: Ivory Coast
- Laelaps (Iphis) hermaphrodita* Berlese, 1887
 Hadi, T. R.; et al., 1977, J. Med. Entom.,
 v. 13 (4-5), 587-590
 as syn. of *Androlaelaps hermaphrodita* (Ber-
 lese, 1887)
- Laelaps hilaris* Koch
 Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-
 skaia, A. G., 1977, Vestsi Akad. Navuk BSSR,
 s. Biial. Navuk (5), 104-109
 [Clethrionomys glareolus]
 [Microtinae]
 all from Belorussian Polesia
- Laelaps hilaris*
 Haitlinger, R., 1977, Polskie Pismo Entom.,
 v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus agrarius
Sorex araneus
Crocidura suaveolens
 all from Gory Sowie (Middle Sudetes), Poland
- Laelaps hilaris* Koch, 1836
 Zapatero Ramos, L. M.; Guillen Llera, J. L.;
 and Rivas Lopez, L. I., 1978, Rev. Iber. Para-
 sitol., v. 38 (1-2), 367-384
Microtus agrestis: El Rasillo, Logrono
M. arvalis: El Rasillo, Logrono; Ermita San
 Bartolome, Soria; and Villasbuenas,
 Caceres
 all from Espana
- Laelaps jettmari*
 Haitlinger, R., 1977, Polskie Pismo Entom.,
 v. 47 (3), 429-485
Apodemus agrarius
Sorex araneus
 all from Gory Sowie (Middle Sudetes), Poland
- Laelaps jettmari* Vitzth.
 Osipova, N. Z., 1971, Parazitologia, Lenin-
 grad, v. 5 (3), 274-280
 gamasid mites, distribution, landscape and
 habitat adaptation, host relationships, sea-
 sonal dynamics
Cricetulus migratorius
Mus musculus
 all from Chuisk valley, Kirgiz SSR
- Laelaps (Laelaps) kampalensis* Taufflieb, 1959,
 illus.
 Herrin, C. S.; and Tipton, V. J., 1976, Great
 Basin Nat., v. 36 (2), 113-205
 key, description
 host unknown: Togo
- Laelaps (Laelaps) keegani* Thurman, 1958, illus.
 Herrin, C. S.; and Tipton, V. J., 1976, Great
 Basin Nat., v. 36 (2), 113-205
 key, description
 Syn.: *Laelaps berlesi* Keegan, 1956
Atelerix albiventris: Upper Volta
Crocidura sp.: Upper Volta
Tatera kempi: Dahomey
Arvicanthis niloticus: Nigeria; Ghana;
 Ivory Coast; Senegal
Mus musculoides: Ghana
Felis lybica: Upper Volta
Elephantulus intufi: South Africa
- Laelaps kochi*
 Whitaker, J. O., jr.; and Goff, R., 1979,
 J. Med. Entom., v. 15 (5-6), 425-430
Mustela vison: Indiana
- Laelaps kochi*
 Whitaker, J. O., jr.; Maser, C.; and Pedersen,
 R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Neurotrichus gibbsi (fur): Oregon

- Laelaps (Laelaps) lavieri Taufflieb, 1954, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
key, description
Syn.: Laelaps nigeriensis Keegan, 1962
Sylvisorex gemmeus: Ghana
Hypsignathae monstrosus: Ivory Coast
Nycteris arge: Upper Volta
Hipposideros caffer: Ivory Coast
Hipposideros cyclops: Ivory Coast
Tatera leucogaster: South Africa
Aethomys chrysophilus: Rhodesia; South Africa
Lemniscomys macculeus: Ivory Coast
Lemniscomys striatus: Togo
Lophuromys sikapusi: Ghana
Mastomys natalensis: Ghana; South Africa
Mus haussa: Nigeria
Mus minutoides: Ghana; Ivory Coast; Rhodesia; South Africa
Mus musculoides: Ghana; Ivory Coast; Nigeria; Upper Volta
Mus setulosus: Ghana; Ivory Coast
Myomys daltoni: Ghana
Praomys tullbergi: Ghana; Ivory Coast
Saccostomus campestris: South Africa
Ictonyx striatus: South Africa
Genetta villiersi: Ivory Coast
host unknown: Botswana
- Laelaps (Laelaps) lavoipierrei Taufflieb, 1954, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
key, description
Hipposideros baetus: Ivory Coast
Lophuromys sikapusi: Ghana; Ivory Coast; Nigeria
Mastomys natalensis: Ivory Coast; Upper Volta
Mus musculoides: Ghana
Praomys tullbergi: Ivory Coast
Uranomys ruddi: Ghana
- Laelaps lemmi
Volkov, V. I.; et al., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Laelaps (Laelaps) liberiensis Hirst, 1925, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
synonymy, key, description
Elephantulus myurus: South Africa
Macroscelides proboscideus: South Africa
Crocidura sp.: Ghana
Crocidura hirta: Rhodesia
Hypsignathae monstrosus: Ivory Coast
Nycteris hispida: Mauritania
Nycteris macrotis: Senegal
Rhinolophus simulator: Rhodesia
Eptesicus capensis: South Africa
Tadarida leonis: Senegal
Tadarida major: Upper Volta
Tadarida pumila: Togo
Galago senegalensis: Upper Volta
Cercopithecus mitis: Rhodesia
Erythrocebus pata: Upper Volta
Lepus saxtilis: Botswana
Cryptomys hottentotus: Botswana; South Africa
Desmodillus auricularis: South Africa
Desmodillus braueri: Upper Volta
Gerbillus pæba: South Africa
Tatera gambianus: Senegal
Tatera guineae: Ghana
Tatera kempfi: Dahomey; Ghana; Ivory Coast; Upper Volta
- Laelaps (Laelaps) liberiensis Hirst, 1925.-- Continued.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
Tatera leucogaster: Botswana; South Africa
Taterillus gracilis: Upper Volta
Dendromus melanotis: South Africa
Malacothrix typicus: South Africa
Steatomys caurinus: Ivory Coast
Acomys cahirinus: Ghana
Aethomys chrysophilus: Botswana; Rhodesia; South Africa
Aethomys namaquensis: South Africa
Arvicanthis niloticus: Ghana; Ivory Coast; Nigeria
Cricetomys emini: Upper Volta
Cricetomys gambianus: Nigeria
Dasymys incomptis: Rhodesia
Dephomys defua: Ghana
Grammomys dolichurus: Upper Volta
Hylomyscus alleni: Ghana; Togo
Lemniscomys griselda: South Africa
Lemniscomys striatus: Nigeria; Togo
Lophuromys sikapusi: Ghana
Malacomys longipes: Ivory Coast
Mastomys albicaudatus: South Africa
Mastomys erythroleucus: Ivory Coast
Mastomys natalensis: Botswana; Dahomey; Ghana; Ivory Coast; Nigeria; Rhodesia; Senegal; South Africa; Togo; Upper Volta
Mus minutoides: South Africa
Mus musculoides: Senegal; Togo
Myomys daltoni: Ghana; Ivory Coast; Senegal
Praomys tullbergi: Ghana; Nigeria; Togo
Rhabdomys pumilio: South Africa
Saccostomus campestris: South Africa
Thamnomys rutilans: Togo
Uranomys ruddi: Ivory Coast
Otomys irroratus: South Africa
Thryonomys swinderianus: Rhodesia
Funisciurus pyrrhopus: Ivory Coast
Ictonyx striatus: South Africa
Genetta servalina: Senegal
Genetta villiersi: Ivory Coast
Crossarchus obscurus: Ivory Coast
Herpestes sanguineus: Rhodesia
Hylomyscus sp.: Ghana
- Laelaps (Laelaps) malacomys n. sp., illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
key
Malacomys edwardsi: Adamso, Ashant Region, Ghana; Ivory Coast (10 mi. WNW Soubre; Niebe; Belekoum)
Hipposideros commersoni: Yabrasso, Ivory Coast
Aethomys chrysophilus: 20 mi. N Salisbury, Mashonaland, Rhodesia
Lemniscomys striatus: Fetekro, Ivory Coast
Mus setulosus: Kahin, Ivory Coast
Malacomys longipes: Adamso, Ashant Region, Ghana; Ivory Coast (10 mi. WNW Soubre; Niebe)
- Laelaps (Laelaps) moucheti Taufflieb, 1959, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
key, description
- Laelaps multispinosus Banks
Osipova, N. Z., 1971, Parazitologiya, Leningrad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and habitat adaptation, host relationships, seasonal dynamics
Ellobius talpinus
Ondatra zibethicus
all from Chuisk valley, Kirgiz SSR

- Laelaps multispinosa*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Mustela vison
M. frenata
all from Indiana
- Laelaps multispinosus*
Whitaker, J. O., jr.; Jones, G. S.; and Goff,
R. J., 1977, Proc. Indiana Acad. Sc., v. 86,
1976, 501-507
Didelphis virginiana: Indiana
- Laelaps muris* (Ljungh, 1799)
Zapatero Ramos, L. M.; Guillen Llera, J. L.;
and Rivas Lopez, L. I., 1978, Rev. Iber. Para-
sitol., v. 38 (1-2), 367-384
Arvicola sapidus: Medinaceli, Soria; and
Ermita de San Bartolome, Soria, Espana
- Laelaps muris* (Ljungh)
Zuevskii, A. P., 1970, Parazitologiya, Lenin-
grad, v. 4 (4), 352-358
+*Arvicola terrestris* (nest): Tiumensk oblast
- Laelaps* (*Laelaps*) *myomys*, n. sp., illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key
Myomys daltoni: Gambia (Kudang; Damongo,
Northern Region); Ivory Coast (Tyenka;
Bouna; Fetekro); Nigeria (Panyam Fish Farm,
Northern Region; 1 mi. S Kabwira, Northern
Region); Senegal (6 km E Kaolack, Sine-
Saloum Region; Koussanar, Oriental Region;
Sedhiou, Casamane Region); Upper Volta
(Dio; 9 km NE Barga; 6 km SE Sequenega;
Ougarou; 5 km SW Koutoura; Sideradougou;
Djipologo)
Nycteris macrotis: Kudang, Gambia
Tatera kempii: Fo, Upper Volta
Cricetomys gambianus: Konankira, Upper
Volta
Mastomys natalensis: 5 km N Boussouma,
Upper Volta
- Laelaps nigeriensis* Keegan, 1962
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
as syn. of *Laelaps* (*Laelaps*) *lavieri* Tauf-
flieb, 1954
- Laelaps* (*Laelaps*) *nuttalli* Hirst, 1915
Hadi, T. R.; et al., 1977, J. Med. Entom.,
v. 13 (4-5), 587-590
Rattus rattus: Con Son Island
R. r. molliculus: mainland South Vietnam
R. r. germani: Con Son Island
R. exulans concolor: Con Son Island
R. niviventer condorensis: Con Son Island
Hylopetes spadiceus: Con Son Island
Tupaia glis modesta: mainland South Vietnam
- Laelaps nuttalli* Hirst
Harlan, H. J.; and Kramer, R. D., 1979, Entom.
News, v. 90 (2), 79-87
Sciurus carolinensis
S. niger
all from Fort Dix, New Jersey
- Laelaps* (*Laelaps*) *nuttalli* Hirst, 1915, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Rattus rattus: Madagascar; Mauritius
- Laelaps nuttalli*
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San.
Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small
rodents in a wind-shelter belt
Rattus norvegicus: Tonden, Sapporo, Hokkaido
- Laelaps nuttalli* Hirst
Ramsay, G. W., 1977, N. Zealand J. Zool., v. 4
(4), 393-394
Rattus exulans: Tokelau Islands
- Laelaps nuttalli* Hirst
Ramsay, G. W.; and Paterson, S. E., 1977,
N. Zealand J. Zool., v. 4 (4), 389-392
Rattus norvegicus
R. exulans
all from Raoul Island
- Laelaps nuttalli*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc.
South Australia, v. 102 (3-4), 59-70
Rattus lutreolus: New South Wales
R. sordidus: Queensland
R. colletti: Northern Territory
R. villosissimus: Queensland
R. tunneyi tunneyi: Northern Territory
R. rattus: Queensland
Pseudomys gracilicaudatus: Queensland
Melomys cervinipes: Queensland
M. littoralis: Queensland and Northern
Territory
all from Australia
- Laelaps* (*Rattilaelaps*) *nuttalli* Hirst
Srivastva, S. P.; and Wattal, B. L., 1975,
Indian J. Entom., v. 35 (4), 1973, 306-324
Mus platythrix
M. musculus
Rattus norvegicus
R. rattus
R. meltada meltada
Tatera indica
Bandicota bengalensis
Nesokia indica
all from Maharashtra State, India
- Laelaps nuttalli* Hirst, 1915
Wilson, N.; and Wodzicki, K., 1977, N. Zealand
J. Zool., v. 4 (4), 383-387
Rattus rattus
R. exulans
all from Niue Island
- Laelaps pammorphus*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc.
South Australia, v. 102 (3-4), 59-70
Zyzomys argurus: Queensland and Western
Australia
Z. woodwardi: Northern Territory
all from Australia
- Laelaps* (*Laelaps*) *parasimillimus*, n. sp., illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key
Malacomys longipes
Dephomyes defua
all from 10 mi. WNW Soubre, Ivory Coast
- Laelaps* (*Laelaps*) *paraspinosus* Tipton, 1960,
illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Syn.: *Laelaps parvulus* Hirst (not Berlese,
1904 or Berlese, 1910)
Aethomys namaquensis
Otomys irroratus
all from South Africa
- Laelaps parvulus* Hirst (not Berlese, 1904 or
Berlese, 1910)
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
as syn. of *Laelaps* (*Laelaps*) *paraspinosus*
Tipton, 1960

- Laelaps pavlovskiyi Zachv.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-
skaia, A. G., 1977, Vestsi Akad. Navuk BSSR,
s. Biial. Navuk (5), 104-109
[Clethrionomys glareolus]
[Apodemus flavicollis]
[Apodemus agrarius]
[Microtinae]
all from Belorussian Polesia
- Laelaps pavlovsky
Chernykh, P. A.; Chipanina, V. M.; and Feoktis-
tov, A. Z., 1974, Parazitologiya, Leningrad,
v. 8 (5), 426-431
gamasid mites on rodents and in their nests
in foci of tick-borne encephalitis, examina-
tion for virus, possible role as vectors:
Priamur'ia
- Laelaps pavlovskiyi Zachv.
Osipova, N. Z., 1971, Parazitologiya, Lenin-
grad, v. 5 (3), 274-280
gamasid mites, distribution, landscape and
habitat adaptation, host relationships, sea-
sonal dynamics
Apodemus agrarius
A. sylvaticus
Microtus arvalis
all from Chuisk valley, Kirgiz SSR
- Laelaps pavlovskiyi
Volkov, V. I.; et al., 1979, Vestnik Zool.,
Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2),
63-65
Myopus schisticolor: spur of Miao-Chan
range, environs of Tikhii, Khabarovsk krai,
Lower Priamur'e
- Laelaps (Laelaps) peregrinus Taufflieb, 1959,
illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Aethomys chrysophilus
Rhabdomys pumilio
all from South Africa
- Laelaps rothschildi
Robinson, J. F.; et al., 1978, Tr. Roy. Soc.
South Australia, v. 102 (3-4), 59-70
Melomys cervinipes: Queensland
M. littoralis: Queensland and Northern
Territory
Melomys spp.: Queensland
all from Australia
- Laelaps (Laelaps) roubaudi Taufflieb, 1954,
illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Crocidura sp.: Nigeria
Tatera kempi: Dahomey; Ivory Coast
Taterillus nigeriae: Nigeria
Dasymys foxi: Nigeria
Dasymys incomptus: Ivory Coast
Praomys tullbergi: Ghana
- Laelaps (Echinolaelaps) sanguisugus Vitzthum,
1926
Hadi, T. R.; et al., 1977, J. Med. Entom.,
v. 13 (4-5), 587-590
Syn.: Laelaps (Laelaps) sanguisugus Vitz-
thum, 1926
Rattus moi
R. surifer
all from mainland South Vietnam
- Laelaps (Laelaps) sanguisugus Vitzthum, 1926
Hadi, T. R.; et al., 1977, J. Med. Entom.,
v. 13 (4-5), 587-590
as syn. of Laelaps (Echinolaelaps) sanguisu-
gus Vitzthum, 1926
- Laelaps (Laelaps) setzeri Coffee, 1971, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Hipposideros caffer: Ivory Coast
Scotophilus nigrita: Ivory Coast
Acomys cahirinus: Ghana
Malacomys longipes: Togo
Mastomys natalensis: Togo
Mus musculoides: Togo
Praomys tullbergi: Ghana; Ivory Coast;
Nigeria; Senegal; Togo
Rattus rattus: Ivory Coast
- Laelaps (Laelaps) simillimus Zumpt, 1950, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Elephantulus intufi: South Africa
Macroscelides proboscideus: South Africa
Tadarida midas: South Africa
Tatera leucogaster: South Africa
Aethomys chrysophilus: South Africa; Bots-
wana; Rhodesia
Lemniscomys griselda: Rhodesia; South
Africa
Mastomys natalensis: South Africa
Rhabdomys pumilio: South Africa
- Laelaps southcotti
Robinson, J. F.; et al., 1978, Tr. Roy. Soc.
South Australia, v. 102 (3-4), 59-70
Uromys caudimaculatus: Queensland, Australia
- Laelaps (Laelaps) spinifer Taufflieb and Mouchet,
1956, illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
- Laelaps (Laelaps) thammomys Taufflieb, 1954,
illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Mus musculoides: Togo
Praomys tullbergi: Togo
Thammomys rutilans: Ivory Coast; Togo
- Laelaps (Laelaps) tillae Taufflieb, 1959,
illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Aethomys chrysophilus: South Africa
Lemniscomys griselda: Rhodesia; South
Africa
Mastomys natalensis: South Africa
Rhabdomys pumilio: South Africa
Saccostomus campestris: Rhodesia
- Laelaps (Laelaps) transvaalensis Zumpt, 1950,
illus.
Herrin, C. S.; and Tipton, V. J., 1976, Great
Basin Nat., v. 36 (2), 113-205
key, description
Macroscelides proboscideus: South Africa
Cryptomys hottentotus: South Africa
Petromus typicus: South Africa
Tatera leucogaster: South Africa
Aethomys chrysophilus: South Africa
Aethomys namaquensis: South Africa
Myomys daltoni: Senegal
Rhabdomys pumilio: South Africa
Saccostomus campestris: South Africa
Otomys angoniensis: South Africa; Rhodesia
Otomys irroratus: South Africa
Mastomys natalensis: South Africa
host unknown: Botswana

- Laelaps* (*Laelaps*) *turkestanicus* Lange, 1955
Hadi, T. R.; et al., 1977, *J. Med. Entom.*,
v. 13 (4-5), 587-590
Rattus r. germaini: Con Son Island
R. r. molliculus: mainland South Vietnam
R. niviventer condorensis: Con Son Island
R. exulans concolor: Con Son Island
R. sabanus: mainland South Vietnam
R. argentiventer: mainland South Vietnam
R. berdmorei: mainland South Vietnam
- Laelaps* (*Laelaps*) *vansomereni* Hirst, 1923, illus.
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
key, description
Elephantulus intufi: South Africa
Rhinolophus clivosus: South Africa
Cryptomys hottentotus: South Africa
Gerbillus paeba: Botswana
Tatera leucogaster: South Africa
Aethomys chrysophilus: Rhodesia; South Africa
Aethomys selindensis: Rhodesia
Lemniscomys griselda: South Africa
Mastomys natalensis: Rhodesia; South Africa
Rhabdomys pumilio: South Africa
Saccostomus campestris: South Africa
- Laelaps wasselli*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Hydromys chrysogaster: Queensland, Australia
- Laelaps* (*Laelaps*) *zumpti* Keegan, 1956, illus.
Herrin, C. S.; and Tipton, V. J., 1976, *Great Basin Nat.*, v. 36 (2), 113-205
key, description
Aethomys chrysophilus
Mus minutoides
all from Rhodesia
- Laelaspis austriacus* (Selln.)
Volianskii, Iu. E., 1974, *Parazitologia*,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*,
seasonal changes in abundance, females were
dominant in collections: vicinity of Odessa,
south-eastern Ukraine
- Laemobothrioidea*
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rear-
ing, control, collection, preservation, keys,
hosts: Poland
- Laemobothrion Nitzsch*, 1818
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rear-
ing, control, collection, preservation, keys,
hosts: Poland
- Laemobothrion clayi* Tuleskov, 1957
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion maximum siddiqui*
Ansari, 1955
- Laemobothrion hastipes* Nitzsch in Burmeister,
1838
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion t. tinnunculi*
(Linnaeus, 1758)
- Laemobothrion indica* Sen, 1942
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion maximum titan*
Piaget, 1880
- Laemobothrion maximum bureschi* Wd. Eichler, 1943
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion maximum circi* (Fourcroy, 1785)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
synonymy
- Laemobothrion maximum hieraaeti* Wd. Eichler,
1943
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion maximum lunai* Tendeiro, 1958
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion maximum maximum* (Scopoli, 1763)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
synonymy
- Laemobothrion maximum mendesi* Tendeiro, 1955
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion maximum niethammeri* Wd. Eichler,
1942
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion maximum romanicum* Bechet, 1961
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion maximum siddiqui* Ansari, 1955
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
synonymy
- Laemobothrion maximum titan* Piaget, 1880
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion nigrolimbata* Giebel, 1874
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion maximum circi*
(Fourcroy, 1785)
- Laemobothrion pallidum* Giebel, 1874
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion vulturis percnopt-*
teri (Gervais, 1844)
- Laemobothrion tinnunculi laticolle* Denny, 1842
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
Syn.: *Nirmus albicillae* Denny, 1852
- Laemobothrion tinnunculi semicircularis* Carriker,
1961
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
- Laemobothrion tinnunculi tinnunculi* (Linnaeus,
1758)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
synonymy
- Laemobothrion tuleschkovi* Bechet, 1961
Zlotorzycza, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion maximum siddiqui*
Ansari, 1955

- Laemobothrion vulturis bulgaricum* Wd. Eichler, 1943
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
- Laemobothrion vulturis daneckii* Zlotorzycza, 1969
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
- Laemobothrion vulturis percnopteri* (Gervais, 1844)
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
Syn.: *Laemobothrion pallidum* Giebel, 1874
- Laemobothrion vulturis vulturis* (J. C. Fabricius, 1775)
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
- Laemobothrium*. See *Laemobothrion*.
- Lagaropsylla mera* Jordan & Rothschild, 1921
Marshall, A. G., 1977, Ecol. Entom., v. 2 (4), 285-291
ectoparasites of molossid bats, host-parasite relationships
Tadarida mops
T. plicata
all from Malaysia
- Lagaropsylla turba* Smit, 1958
Marshall, A. G., 1977, Ecol. Entom., v. 2 (4), 285-291
ectoparasites of molossid bats, host-parasite relationships
Cheiromeles torquatus: Malaysia
- Lagopoecus affinus* (Child.)
Cotton, M. J., 1979, Entom. Month. Mag. (1360-1363), v. 113, 1977, 213-217
Lagopus mutus: north-east Greenland
- Lagopoecus affinis* (Children)
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Lagopus lagopus: Kazakhstan
- Lagopoecus lyrurus* Clay
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Lyrurus tetrax viridanus
L. tetrax mongolicus
all from Kazakhstan
- Lagopoecus pallidovittatus* (Grube)
Groza, V. K., 1970, Parazitologiya, Leningrad, v. 4 (4), 375-383
Tetrao urogallus: Kazakhstan
- Lamproglena* sp.
Chiang Geok Lian; and Leong Tak Seng, 1979, Malayan Nature J., v. 32 (3-4), 247-251
Puntius binotatus: Pulau Pinang, Malaysia
- Larinyssus orbicularis* Strandtmann, 1948, illus.
Butenko, O. M., 1975, Parazitologiya, Leningrad, v. 9 (2), 175-182
Larinyssus orbicularis, description, morphological variability in relation to host species
Larus argentatus: Zdvinsk region, Novosibirsk oblast
L. minutus: Novosibirsk oblast
Gelochelidon nilotica: Krasnodarsk krai
Chlidonias nigra: Omsk oblast; Eastern-Kazakhstansk oblast
C. leucoptera: Eastern-Kazakhstansk oblast (nasal cavity of all)
- Larinyssus substerna* sp. n., illus.
Butenko, O. M., 1975, Parazitologiya, Leningrad, v. 9 (2), 175-182
Sterna hirundo (nasal cavity): Tomsk oblast, Kolominsk region; Zdvinsk region, Novosibirsk oblast; Kirgizii; eastern Kazakhstan; Krasnodarsk krai
- Lasioseius* sp.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Latagophthirus* n. gen.
Kim, K. C.; and Emerson, K. C., 1974, J. Med. Entom., v. 11 (4), 442-446
Echinophthiriidae
key; tod: *L. rauschi* n. sp.
- Latagophthirus rauschi* n. sp. (tod), illus.
Kim, K. C.; and Emerson, K. C., 1974, J. Med. Entom., v. 11 (4), 442-446
Lutra canadensis pacifica (head, neck): 1.6 km NE of Broadbent, Coos Co., Oregon
- Leeuwenhoekia major* Schlug., 1955
Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Leeuwenhoekia major* Schluger, 1955, sensu
Liu, Chen et Hsu
Wen, T. H.; and Liu, C. W., 1977, Acta Entom. Sinica, [Transl.], v. 16 (2), 174-176
as syn. of *Multisetosa pekingensis* sp. n.
- Leeuwenhoekiiidae*
Muliarskaia, L. V., 1978, Zool. Zhurnal, v. 57 (9), 1353-1358
Trombiculidae, *Leeuwenhoekiiidae*, zoogeographic groups, distribution patterns, brief review: Azerbaidzhan
- Leeuwenhoekiiinae*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Leiperia gracilis* (Diesing, 1835), illus.
Motta, C. da S.; and Gomes, D. C., 1968, Atas Soc. Biol. Rio de Janeiro, v. 12 (2), 67-68
Hoplias malabaricus (cavidade geral): Lagoa do Macuco, Estado do Espirito Santo, Brasil
- Leiperia gracilis* (Diesing, 1835)
Motta, C. da S.; and Gomes, D. C., 1968, Atas Soc. Biol. Rio de Janeiro, v. 12 (3), 125-127
Leiperia gracilis, life cycle, review of literature
- Lepeophtheirus edwardsi* Wilson, 1935
Meyers, T. R., 1978, Proc. Helminth. Soc. Washington, v. 45 (1), 120-128
Paralichthys dentatus (epidermal surface): Raritan Bay, New Jersey
- Lepeophtheirus erecsoni*
Rohde, K., 1978, Biol. Zentralbl., v. 97 (4), 405-418
gill parasites of marine fish, species numbers and microhabitat utilization at different latitudes, assumption of greater evolutionary speed in tropics as probable explanation of latitudinal gradients in species diversity (more species in tropical than in cold water fishes)
Latridopsis ciliaris

- Lepeophtheirus pectoralis* (Mueller)
van den Broek, W. L. F., 1979, *J. Fish Biol.*,
v. 14 (4), 371-380
copepods of *Merlangius merlangus* and *Platichthys flesus*, seasonal changes in levels of infestation related to annual migrations of young fish into estuary, localization, age of host
Platichthys flesus (fins, body surface):
Medway Estuary, Kent
- Lepeophtheirus pectoralis*
MacKenzie, K.; and Gibson, D. I., 1970, *Symposia Brit. Soc. Parasitol.*, v. 8, 1-42
Platichthys flesus (fins, body surface):
Scotland
- Lepeophtheirus pectoralis*
Moeller, H., 1978, *J. Fish Biol.*, v. 12 (4), 311-323
fish parasites, effects of salinity and temperature on development and survival of parasitic and free-living stages
- Lepeophtheirus remiopsis* sp. nov., illus.
Dojiri, M., 1979, *Parasitology*, v. 78 (3), 251-262
Parophrys vetulus
Hippoglossina stomata
Pleuronichthys verticalis
Chitonotus pugetensis
Porichthys notatus
(branchial cavity and external body surface of all): all from Orange County sewer outfall, off southern California
- Lepeophtheirus rotundipes* sp. nov., illus.
Dojiri, M., 1979, *Parasitology*, v. 78 (3), 251-262
Citharichthys stigmatæus
Scorpaena guttata
(external body surface and branchial cavity of all): all from Orange County sewer outfall, off southern California
- Lepeophtheirus salmonis*
Grozdilova, T. A., 1974, *Parazitologiya*, Leningrad, v. 8 (4), 293-298
Oncorhynchus gorbusha: White Sea
- Lepeophtheirus salmonis* (Kroyer, 1838), illus.
Johannessen, A., 1978, *Sarsia*, v. 63 (3), 169-176
Lepeophtheirus salmonis on *Salmo salar*, morphology of first and second nauplius, behaviour of free-living larval stages, egg-bearing period and developmental time are inversely related to temperature
- Lepeophtheirus salmonis*
Olson, R. E., 1978, *Calif. Fish and Game*, v. 64 (2), 117-120
Oncorhynchus kisutch
O. tshawytscha
(skin of all): all from Pacific Ocean off Newport, Oregon
- Lepidodorsum* n. gen.
Saunders, R. C.; and Yunker, C. E., 1975, *J. Med. Entom.*, v. 11 (6), 756-759
Macronyssidae, Ornithonyssinae
tod: *L. tiptoni* n. sp.
- Lepidodorsum tiptoni* n. sp. (tod), illus.
Saunders, R. C.; and Yunker, C. E., 1975, *J. Med. Entom.*, v. 11 (6), 756-759
Oryzomys albigularis: Venezuela (1 km N and 2 km W Merida (Santa Rosa); 15 km E Trujillo (Hda. Misisi); Tachira, 35 km S and 22 km W San Cristobal (Buena Vista))
Zygodontomys brevicauda: Venezuela (Miranda, 6 km S Rio Chico (Hda. La Guapa))
- Lepidophthirus* Enderlein
Kim, K. C.; and Emerson, K. C., 1974, *J. Med. Entom.*, v. 11 (4), 442-446
Echinophthiriidae
key
- Lepidophthirus macrorhini*, illus.
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Lepikentron* Keler, 1938
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Leporacarus gibbus*
Fox, I.; and de Leon, D., 1979, *J. Agric. Univ. Puerto Rico*, v. 63 (1), 84-86
Oryctolagus cuniculus: School of Tropical Medicine Animal House, San Juan, Puerto Rico
- Leptogamasus* sp.
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Microtus arvalis: Gory Sowie (Middle Sudetes), Poland
- Leptopsylla*
Goncharov, A. I., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 369-373
Leptopsyllidae
- Leptopsylla* Jordan and Rothschild, 1911
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key to subgenera and species, Afghanistan
- Leptopsylla* Jordan and Rothschild, 1911
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
subgen. of *Leptopsylla*, key
- Leptopsylla bidentata*
Adamovich, V. L., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Leptopsylla bidentata* Kol.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaia, A. G., 1977, *Vestsi Akad. Navuk BSSR, s. Bial. Navuk* (5), 104-109
[*Clethrionomys glareolus*]: Belorussian Polesia
- Leptopsylla bidentata* Kol.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e

- Leptopsylla bidentata* Kol., 1860
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Microtus arvalis*]
[*Clethrionomys rutilus*]
[*Microtus oeconomus*]
[*Arvicola terrestris*]
all from northeastern Kazakhstan
- Leptopsylla (Leptopsylla) nana* Argyropulo, 1946, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Cricetulus migratorius
Microtus afghanus
M. arvalis
all from Afghanistan
- Leptopsylla ostsibirica*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, *Inst. Zool.* (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Leptopsylla (Pectinoctenus) pamirensis* (Ioff, 1946), *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Syn.: *Pectinoctenus pamirensis* Ioff, 1946
- Leptopsylla segnis*
Adamovich, V. L., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Leptopsylla segnis*
Aleksiev, A. N.; et al., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 113-118
Leptopsylla segnis, *Ceratophyllus consimilis*, *C. laeviceps*, possible role in transmission of *Listeria*
- Leptopsylla segnis* (Schoenherr 1816)
Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu*, s. C, *Biol. Terr.*, v. 25 (1), 69-86
Pyrenees-Orientales, France; Barcelona, Spain
- Leptopsylla segnis* Schoenherr
Chaika, S. Iu., 1977, *Tsitologiya*, v. 19 (11), 1221-1224
various blood-sucking arthropods, ultra-structure of glycocalyx of microvilli in midgut, differences among groups
- Leptopsylla segnis* (Schoenherr)
Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
Mus musculus: Ireland
- Leptopsylla segnis*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus
Apodemus agrarius
Mus musculus
all from Gory Sowie (Middle Sudetes), Poland
- Leptopsylla segnis*
Haitlinger, R., 1978, *Polskie Pismo Entom.*, v. 48 (3), 287-309
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
Mus musculus
Sorex araneus
Neomys fodiens
all from west and east Beskid (Poland)
- Leptopsylla segnis, illus.*
Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
fleas, malformations
rat: Foochow
- Leptopsylla segnis* Schoen.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Leptopsylla segnis* Schoen., 1811
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Mus musculus*]: northeastern Kazakhstan
- Leptopsylla segnis*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Rattus rattus: Queensland and Western Australia
- Leptopsylla segnis*
Schwan, T. G., 1975, *J. Med. Entom.*, v. 11 (6), 760
24-hour flea reinfestation rate in wild population of *Microtus californicus*: Hayward, Alameda Co., California
- Leptopsylla (Leptopsylla) segnis* (Schoenherr, 1811)
Suciu, M., 1975, *Boll. Mus. Civ. Storia Nat. Verona*, v. 2, 1-12
Apodemus sylvaticus
Rattus rattus
all from Italy
- Leptopsylla (Leptopsylla) sexdentata* (Wagner, 1930), *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Syn.: *Ctenopsylla sexdentata* Wagner, 1930
Crocidura russula: Afghanistan
- Leptopsylla silvatica* Meinert
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaia, A. G., 1977, *Vesti Akad. Nauk BSSR*, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
[*Microtinae*]
all from Belorussian Polesia
- Leptopsylla silvatica* Mein.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Leptopsylla silvatica* Mein., 1896
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Ondatra zibethica*]: northeastern Kazakhstan

- Leptosylla silvatica silvatica*
Adamovich, V. L., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Leptosylla taschenbergi* Wagn.
Sosnina, E. F., 1973, *Parazitologiya*, Leningrad, v. 7 (1), 31-35
Microtus arvalis
Apodemus flavicollis
A. sylvaticus
all from mountain Crimea
- Leptosylla taschenbergi amitina* (Jordan et Rothschild 1914)
Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu*, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Barcelona, Lerida, and Gerona, Spain
- Leptosylla* (L.) *taschenbergi calamana* Jordan 1951
Beaucournu, J. C.; and Costantini, R., 1976, *Parassitologia*, v. 18 (1-3), 79-83
Apodemus sylvaticus: Italie continentale, Val d'Aoste
- Leptosyllidae* Roths., 1915 sensu Hopkins et Traub, 1955
Goncharov, A. I., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 369-373
characteristic features of family, validity of separation from *Ceratophylloidea* includes: *Leptosylla*; *Sigmactenus*, *Peromyscopsylla*; *Paractenopsyllus*; *Cratynius*; *Amphipsylla*; *Paradoxopsyllus*; *Brachyctenonotus*; *Frontopsylla*; *Ophthalmopsylla*; *Geusibia*; *Phaenopsylla*; *Hopkinsipsylla*; *Ctenophyllus*; *Odontopsyllus*; *Mesopsylla*; *Acropsylla*; *Caenopsylla*; *Ornithophaga*; *Dolichopsyllus*
- Leptosyllidae*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Ceratophylloidea
key to subfamilies, Afghanistan
key
- Leptosyllinae* Rothschild, 1915
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Leptosyllidae, key
- Leptosphyra* sp.
Munro, R., 1978, *Fiji Agric. J.*, v. 40 (2), 91-96
duck: Fiji
- Leptotrombidium* (*Leptotrombidium*)
Traub, R.; and Wisseman, C. L., jr., 1974, *J. Med. Entom.*, v. 11 (3), 237-303
chigger-borne rickettsiosis (scrub typhus), ecology, extensive critical review
- Leptotrombidium* sp. "a"
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*, v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
Glaucomys sabrinus
Peromyscus leucopus
Microtus pennsylvanicus
all from Douglas Lake region, northern Michigan
- Leptotrombidium* (*Ericotrombidium*) *aelleni* V.-G., 1963
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Rhinolophus ferrumequinum irani: Afghanistan
- Leptotrombidium* (L.) *akamushi*
Kulkarni, S. M., 1977, *J. Med. Entom.*, v. 14 (1), 64-70
Leptotrombidium deliense, L. *akamushi*, laboratory evaluation of repellents dibutylphthalate, dimethylphthalate, N,N-diethylm-toluamide (deet), deet + dimethylphthalate, pyrethrum impregnated on filter paper and nylon/cotton fabric
- Leptotrombidium* (L.) *arenicola*
Dohany, A. L.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (6), 1261-1264
Leptotrombidium fletcheri, L. *arenicola*, identification and antigenic typing of *Rickettsia tsutsugamushi* in naturally infected chiggers by direct immunofluorescence
- Leptotrombidium arenicola*, *illus.*
Hase, T.; et al., 1978, *J. Parasitol.*, v. 64 (4), 712-718
Leptotrombidium spp., mice, local host tissue reactions at sites of feeding, modes of stylostome (feeding tube) formation, possible importance of stylostome characteristics to transmission of rickettsial organisms
- Leptotrombidium arenicola*
Roberts, L. W.; Rapmund, G.; and Cadigan, F. C., jr., 1977, *J. Med. Entom.*, v. 14 (1), 89-92
Leptotrombidium fletcheri, L. *arenicola*, sex ratios in *Rickettsia tsutsugamushi*-infected and noninfected colonies, oviposition and hatching rates, no infected males were produced in either infected colony, nearly all female progeny were infected
- Leptotrombidium arenicola*
Roberts, L. W.; and Robinson, D. M., 1977, *J. Med. Entom.*, v. 13 (4-5), 493-496
Leptotrombidium arenicola laboratory colony, transovarial transmission and filial infection rates of *Rickettsia tsutsugamushi*
- Leptotrombidium* (L.) *bhattipadense* (Joshee)
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Rattus melta melta: Maharashtra State, India
- Leptotrombidium* (L.) *deliense*
Dohany, A. L.; Lim, B. L.; and Huxsoll, D. L., 1979, *Southeast Asian J. Trop. Med. and Pub. Health*, v. 10 (4), 510-513
Leptotrombidium spp., scrub typhus vectors, collection data on chiggers and their hosts occurring on a mature oil palm plantation: Malaysia

- Leptotrombidium deliensis*
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Rattus sp. (ear, ear fringe)
R. exulans (ear)
R. ruber (ear, ear fringe, eyelid)
R. sordidus (ear)
Melomys sp. (ear fringe)
M. moncktoni (ear fringe)
Echymipera kalubu (legs)
Murexia longicauda
Hydromys chrysogaster
Rattus leucopus
all from Papua New Guinea
- Leptotrombidium deliense*
Hase, T.; et al., 1978, J. Parasitol., v. 64 (4), 712-718
Leptotrombidium spp., mice, local host tissue reactions at sites of feeding, modes of stylostome (feeding tube) formation, possible importance of stylostome characteristics to transmission of rickettsial organisms
- Leptotrombidium* (L.) *deliense*
Kulkarni, S. M., 1977, J. Med. Entom., v. 14 (1), 64-70
Leptotrombidium deliense, *L. akamushi*, laboratory evaluation of repellents dibutylphthalate, dimethylphthalate, N,N-diethyl-m-toluamide (deet), deet + dimethylphthalate, pyrethrum impregnated on filter paper and nylon/cotton fabric
- Leptotrombidium deliense*
Olson, J. G., 1979, Trop. and Geogr. Med., v. 31 (4), 519-524
Leptotrombidium deliense, emergence of larval chiggers correlated with daily maximum atmospheric temperatures to forecast onset of scrub typhus epidemic: Pescadores Islands of Taiwan
- Leptotrombidium deliense*
Olson, J. G.; et al., 1978, Tr. Roy. Soc. Trop. Med. and Hyg., v. 72 (2), 192-194
Leptotrombidium deliense, isolation of *Rickettsia tsutsugamushi* from mammals and chiggers: Pescadores Islands, Taiwan
- Leptotrombidium* (L.) *deliense*
Shirai, A.; et al., 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 356-360
Rickettsia tsutsugamushi infections in chiggers and small mammals on mature oil palm estate: Peninsular Malaysia
- Leptotrombidium* (L.) *deliense*-group
Traub, R.; and Wisseman, C. L., jr., 1974, J. Med. Entom., v. 11 (3), 237-303
chigger-borne rickettsiosis (scrub typhus), ecology, extensive critical review
- Leptotrombidium deliense*
Trosper, J. H., 1979, Southeast Asian J. Trop. Med. and Pub. Health, v. 10 (1), 62-66
Leptotrombidium deliense, rodents, dimethoate for control of chiggers in endemic scrub typhus area, unsatisfactory results: Pescadores Islands of Taiwan
- Leptotrombidium deliense* (Walch, 1922)
Wang, C. S.; and Ku, Y. M., 1979, Acta Entom. Sinica, v. 22 (1), 93-97
Apodemus agrarius ningpoensis
Rattus losea
Crocidura attenuata
all from Kweichow Province, China
- Leptotrombidium* (*Leptotrombidium*) *dumitrescui*
(Feider, 1955)
Daniel, M., 1971, Folia Parasitol., v. 18 (2), 170
Microtus nivalis: Austria
- Leptotrombidium* (L.) *fletcheri*
Dohany, A. L.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (6), 1261-1264
Leptotrombidium fletcheri, *L. arenicola*, identification and antigenic typing of *Rickettsia tsutsugamushi* in naturally infected chiggers by direct immunofluorescence
- Leptotrombidium* (L.) *fletcheri*
Dohany, A. L.; Lim, B. L.; and Huxsoll, D. L., 1979, Southeast Asian J. Trop. Med. and Pub. Health, v. 10 (4), 510-513
Leptotrombidium spp., scrub typhus vectors, collection data on chiggers and their hosts occurring on a mature oil palm plantation: Malaysia
- Leptotrombidium fletcheri*, *illus.*
Hase, T.; et al., 1978, J. Parasitol., v. 64 (4), 712-718
Leptotrombidium spp., mice, local host tissue reactions at sites of feeding, modes of stylostome (feeding tube) formation, possible importance of stylostome characteristics to transmission of rickettsial organisms
- Leptotrombidium fletcheri*
Roberts, L. W.; Rapmund, G.; and Cadigan, F. C., jr., 1977, J. Med. Entom., v. 14 (1), 89-92
Leptotrombidium fletcheri, *L. arenicola*, sex ratios in *Rickettsia tsutsugamushi*-infected and noninfected colonies, oviposition and hatching rates, no infected males were produced in either infected colony, nearly all female progeny were infected
- Leptotrombidium* (L.) *fletcheri*
Shirai, A.; et al., 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 356-360
Rickettsia tsutsugamushi infections in chiggers and small mammals on mature oil palm estate: Peninsular Malaysia
- Leptotrombidium* (*Ericotrombidium*) *geloti* n. sp., *illus.*
Taufflieb, R.; Mouchet, J.; and Courtois, D., 1972, Acarologia, v. 14 (1), 59-65
Procavia sp.: Tadjoura, dans le Territoire Francais des Afars et des Issas
- Leptotrombidium* (L.) *intermedium* (Nagays et al., 1920)
Chen, H. P., 1978, Acta Entom. Sinica, v. 21 (2), 197-203
rat: southern Kiangsu Province, China

- Leptotrombidium intermedium*, *illus.*
Hase, T.; et al., 1978, *J. Parasitol.*, v. 64 (4), 712-718
Leptotrombidium spp., mice, local host tissue reactions at sites of feeding, modes of stylostome (feeding tube) formation, possible importance of stylostome characteristics to transmission of rickettsial organisms
- Leptotrombidium kawamurae*
Suzuki, H., 1977, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 28 (2), 105-110
Pentalagus furnessi
Tokudaia oshimensis
Rattus rattus
all from Amami Island, Japan
- Leptotrombidium kuroshio*
Suzuki, H., 1977, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 28 (2), 105-110
Tokudaia oshimensis
Rattus rattus
all from Amami Island, Japan
- Leptotrombidium (L.) linhuaikongensis* (Wen & Hsu, 1961)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Leptotrombidium miyajimai*
Suzuki, H., 1977, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 28 (2), 105-110
Tokudaia oshimensis
Rattus rattus
all from Amami Island, Japan
- Leptotrombidium myotis* (Ewing)
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*, v. 47 (2), 227-238
chiggers, host-parasite relationships, and ecological preferences
Myotis lucifugus: Douglas Lake region, northern Michigan
- Leptotrombidium pallidum burnsi*
Suzuki, H., 1977, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 28 (2), 105-110
Tokudaia oshimensis: Amami Island, Japan
- Leptotrombidium (L.) palpalis* (Nagays et al., 1920)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Leptotrombidium parapalpale* (Womersley, 1952)
Wang, C. S.; and Ku, Y. M., 1979, *Acta Entom. Sinica*, v. 22 (1), 93-97
brief description
Dremomys pernyi: Kweichow Province, China
- Leptotrombidium (L.) pelta* Womersley and Audy
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Rattus meltada meltada
Suncus murinus
Rattus rattus
all from Maharashtra State, India
- Leptotrombidium (Ericotrombidium) plecoti* V.-G., 1963
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Plecotus wardi wardi: Afghanistan
- Leptotrombidium pulchra* Schlug., 1955
Muliarskaia, L. V., 1972, *Parazitologiya, Leningrad*, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Leptotrombidium scutellare*
Suzuki, H., 1977, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 28 (2), 105-110
Pentalagus furnessi
Tokudaia oshimensis
Rattus rattus
all from Amami Island, Japan
- Leptotrombidium (L.) striatum* (Nadchatrum et al., 1964)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Leptotrombidium (L.) vivericola*
Dohany, A. L.; Lim, B. L.; and Huxsoll, D. L., 1979, *Southeast Asian J. Trop. Med. and Pub. Health*, v. 10 (4), 510-513
Leptotrombidium spp., scrub typhus vectors, collection data on chiggers and their hosts occurring on a mature oil palm plantation: Malaysia
- Leptotrombidium (L.) vivericola*
Shirai, A.; et al., 1978, *Southeast Asian J. Trop. Med. and Pub. Health*, v. 9 (3), 356-360
Rickettsia tsutsugamushi infections in chiggers and small mammals on mature oil palm estate: Peninsular Malaysia
- Leptotrombidium (L.) yui* (Chen & Hsu, 1955)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Lernaea* sp., *illus.*
Koerting, W., 1977, *Fisch u. Umwelt* (4), 37-48
fish parasites, histopathological changes
- Lernaea* spp., *illus.*
Kreuzer, W.; Obermeier, O. P.; and Kotter, L., 1976, *Tieraerztl. Prax.*, v. 4 (1), 115-126
parasites and other diseases of fishes consumed by humans, clinical review
- Lernaea* sp.
Riley, D. M., 1978, *Tr. Am. Fish. Soc.*, v. 107 (1), 207-212
Micropterus salmoides: Florida
- Lernaea cyprinacea*
Afanas'ev, V. I., 1978, *Veterinariia, Moskva* (8), 71-72
Lernaea cyprinacea, *Argulus foliaceus*, *P[osthodiplostomum] cuticola*, pathology in fish
- Lernaea cyprinacea*
Aliff, J. V.; Smith, D.; and Lucas, H., 1977, *Tr. Am. Micr. Soc.*, v. 96 (1), 145-148
Notemigonus crysoleucas: middle Georgia

- Lernaea cyprinacea* Linn.
Amin, O. M., 1977, Tr. Wisconsin Acad. Sc., Arts and Lett., v. 65, 225-230
fish parasites, differential distribution in two streams
Umbra limi
Cyprinus carpio
Notemigonus crysoleucas
Semotilus atromaculatus
S. margarita
Catostomus commersoni
Lepomis cyanellus
L. macrochirus
Micropterus salmoides
Etheostoma nigrum
all from southeastern Wisconsin
- Lernaea cyprinacea*
Bulow, F. J.; Winningham, J. R.; and Hooper, R. C., 1979, Tr. Am. Fish. Soc., v. 108 (1), 100-102
Lernaea cyprinacea, seasonal occurrence in stream fish population
Camptostoma anomalum
Notropis ardens
N. cornutus
Pimephales notatus
Rhinichthys atratulus
Semotilus atromaculatus
Fundulus catenatus
Lepomis cyanellus
Etheostoma spectabile
all from Blackburn Fork watershed, Tennessee
- Lernaea cyprinacea*
Deutsch, W. G., 1977, Proc. Pennsylvania Acad. Sc., v. 51 (2), 122-124
Esox niger (gills)
Catostomus commersoni (gills, fins, body surface)
Carpionodes cyprinus (gills)
Micropterus dolomieu (body surface)
Pomoxis nigromaculatus (fins)
all from Susquehanna River, Pennsylvania
- Lernaea cyprinacea*
Deutsch, W. G., 1978, Proc. Pennsylvania Acad. Sc., v. 52 (1), 57-59
Lernaea cyprinacea on *Catostomus commersoni* and *Carpionodes cyprinus*, incidence and intensity of infection, host sex, seasonal distribution, infection sites on hosts: Susquehanna River, Pennsylvania
- Lernaea cyprinacea*
Erickson, J. E., 1978, J. Parasitol., v. 64 (5), 899
Etheostoma zonale (dorsal fin): southern Minnesota
- Lernaea cyprinacea*
Kreuzer, W.; Obermeier, O. P.; and Kotter, L., 1976, Tierärztl. Prax., v. 4 (1), 115-126
parasites and other diseases of fishes consumed by humans, clinical review
- Lernaeenicus hemirhamphi* Kirtisinghe, illus.
John, S. E.; and Nair, N. B., 1977, Zool. Anz., Jena, v. 198 (1-2), 68-74
Lernaeenicus hemirhamphi, head and oral muscles and processes, description, function, method of feeding
- Lernaeenicus hemirhamphi* Kirtisinghe
Natarajan, P.; and Nair, N. B., 1977, J. Animal Morph. and Physiol., v. 24 (2), 229-243
Lernaeenicus hemirhamphi on *Hemirhamphus xanthopterus* and *H. far*, effects on length, weight, gonad development, and blood composition
- Lernaeenicus longiventris* Wilson, 1917
Meyers, T. R., 1978, Proc. Helminth. Soc. Washington, v. 45 (1), 120-128
Pomatomus saltatrix (abdomen, operculum, anal fin, isthmus, dorsal fin, caudal fin): Raritan Bay, New Jersey
- Lernaeenicus radiatus* Le Seuer, 1824
Meyers, T. R., 1978, Proc. Helminth. Soc. Washington, v. 45 (1), 120-128
Brevoortia tyrannus (back, near dorsal fin)
Pomatomus saltatrix (operculum, anal fin)
all from Raritan Bay, New Jersey
- Lernaeenicus radiatus*
Vorhees, J. T.; and Schwartz, F. J., 1979, Tr. Am. Fish. Soc., v. 108 (2), 191-196
Lernaeenicus radiatus on *Brevoortia tyrannus* and *Micropogon undulatus*, attachment site, seasonality, abundance, and incidence in relation to water temperature and salinity variations: Cape Fear River, North Carolina
- Lernaeocera branchialis* (L.)
van den Broek, W. L. F., 1979, J. Fish Biol., v. 14 (4), 371-380
copepods of *Merlangius merlangus* and *Platichthys flesus*, seasonal changes in levels of infestation related to annual migrations of young fish into estuary, localization, age of host
Merlangius merlangus (branchial cavity)
Platichthys flesus (branchial cavity)
all from Medway Estuary, Kent
- Lernaeocera branchialis*, larvae
MacKenzie, K.; and Gibson, D. I., 1970, Symposia Brit. Soc. Parasitol., v. 8, 1-42
Platichthys flesus (gill filaments): Scotland
- Lernaeocera branchialis* L.
Shotter, R. A., 1976, J. Fish Biol., v. 8 (2), 101-117
Merlangius merlangus (gills): Manx waters near Isle of Man and/or Morecambe Bay, N.W. coast of England
- Lernaeocera branchialis*
Smith, J. W., 1969, Norwegian J. Zool., v. 17 (1), 57-63
Diclidophora merlangi, *Clavella adunca* f. *devastatrix*, and *Lernaeocera branchialis* on *Merlangius merlangus*, incidence in relation to locality and host sex, intensity of infection, microhabitats: British waters
- Lernanthropus koenigii* Steenstrup & Lutken, illus.
Natarajan, P.; and Nair, N. B., 1978, Current Sc., Bangalore, v. 47 (14), 517-518 [Letter] short description
Parastromateus niger: Tranquebar, Madras, India
- Lernanthropus kroyeri* Van Beneden, 1851, illus.
Coste, F.; Raibaut, A.; and Bouix, G., 1978, Bull. Soc. Zool. France, v. 103 (4), 465-481
Lernanthropus kroyeri, male genital system, microscopic morphology and anatomy, histochemical composition of spermatophoral secretions

- Lernanthropus pomatomi Rathbun, 1887
Meyers, T. R., 1978, Proc. Helminth. Soc. Washington, v. 45 (1), 120-128
Pomatomus saltatrix (gill filaments): Raritan Bay, New Jersey
- Lernanthropus temminckii Nordmann, 1864, illus. Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
Saurida tumbil (gills): Trivandrum, India; Bay of Bengal; Gulf of Thailand
S. undosquamis (gills): off Somalia
- Lernea. See Lernaea.
- Lice
Cousins, P. J., 1975, Roy. Soc. Health J., v. 95 (1), 14-17
lice, human, statistics of survey of physicians, nurses, and workers in the public health field to determine their knowledge on food and feeding habits, life cycle, epidemiology, therapy, and possible status as vectors of other infections
- Lice
Donaldson, R. J., 1976, Roy. Soc. Health J., v. 96 (2), 55-57
head lice, prevalence in schoolchildren in England
- Lice
Henry, S. C., 1979, J. Am. Vet. Med. Ass., v. 174 (6), 601-603
Eperythrozoon suis, swine, clinical signs of infection confirmed by indirect hemagglutination and measuring packed cell volume; oxytetracycline and arsanilic acid combined with lice control, arsenic toxicosis
- Lice
Jensen, O.; Bjerregaard, P.; and Nielsen, A. O., 1979, Ugeskr. Laeger, v. 141 (4), 225-226
head lice, humans, quassia extract vs. chlorophenotane: Denmark
- Lice
Mauder, J. W., 1977, Roy. Soc. Health J., v. 97 (1), 29-32
human lice, biological facts, transmission, control, clinical review
- Lice
Preston, S.; and Fry, L., 1977, Roy. Soc. Health J., v. 97 (6), 291
head lice in children, clinical trials testing the effectiveness of malathion cream shampoo versus malathion lotion, both forms equally effective
- Lice
Puchkova, E. A., 1977, Veterinariia, Moskva (7), 19-22
D[er]manysus gallinae, C[ime]lectularius, lice, chickens on industrial scale farms, control, sevin, dicresil, chlorophos, carbophos; other complex sanitation measures
- Lice
Rajan, U., 1975, Singapore Med. J., v. 16 (4), 297-300
head lice, school children, pyrethrum the drug of choice in comparison clinical trials with benzyl benzoate
- Lichomolgus uncus n. sp., illus.
Jones, J. B., 1976, J. Roy. Soc. N. Zealand, v. 6 (3), 301-305
Perna canaliculus (surface of gills, gill water tubes): off Ward Island, Wellington Harbour; Crail Bay, Marlborough Sounds, New Zealand
- Ligamifer
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
key
- Ligamifer sp.
McKenzie, R. A.; et al., 1978, Austral. Vet. J., v. 54 (7), 365-366 [Letter]
Pseudechis porphyriacus (lungs): zoological park near Brisbane, Australia
- Linguatula
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
key
- Linguatula serrata
Bedford, P. G. C., 1978, Vet. Ann. (18), 232-238
Linguatula serrata, dog (nasal passage), rhinitis, differential diagnosis
- Linguatula serrata
Elbadawi, E. K. S.; et al., 1978, Vet. Rec., v. 102 (8), 171
goat (lymph nodes): the Sudan
- Linguatula serrata
Eslami, A.; et al., 1976, J. Vet. Fac. Univ. Tehran, v. 32 (1-4), 21-27
Fasciola hepatica, Dicrocoelium dendriticum, Ornithobilharzia turkestanicum, Linguatula serrata, incidence in liver of ruminants; important cause of economic losses: Tehran abattoir
- Linguatula serrata Froehlich, 1789, illus.
Garcinuno, L.; and Gonzalez, H., 1977, Arch. Med. Vet., Valdivia, v. 9 (1), 62-65
bovinos (higados): matadero Ganaval, Valdivia (Chile)
- Linguatula serrata, illus.
Rizzo, G., [1978], Riv. Parassitol., Roma, v. 38 (2-3), 1977, 313-317
Linguatula serrata, description, biological cycle, case report of massive human infestation (mucosa oro-faringea, esofago): provincia di Reggio Calabria
- Linguatula serrata (Pentostomum denticulatum), illus.
Sherkov, S. N.; and El Rabie, Y., 1977, Egypt. J. Vet. Sc., v. 13 (2), 1976, 89-97
Linguatula serrata, domestic animals, survey, highest intensity of invasion in mountainous areas, seasonal distribution, absence of infection in young animals, control measures
goats
sheep
cattle
camels
all from Jordan
- Linguatula serrata, Froelich
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
Japan

- Linognathus Enderlein*, 1904
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Linognathus ovillus*, *illus.*
Selim, M. K.; et al., 1970, *Vet. Med. J.*, Giza, v. 17 (18), 173-193
sheep: imported to United Arab Republic
- Linognathus setosus*
Linardi, P. M.; and Nagem, R. L., 1973, *Rev. Brasil. Biol.*, v. 33 (4), 529-537
Pulicidae and other ectoparasites on dogs, survey, frequent mixed infections: Belo Horizonte and neighboring townships of Minas Gerais
- Linognathus vituli*
Kettle, P. R.; and Lukies, J. M., 1979, *N. Zealand Vet. J.*, v. 27 (4), 78-79
Linognathus vituli, cattle, pour-on formulations of phosmet, methidathion, chlorpyrifos, and temephos: Kaitoke, near Upper Hutt, New Zealand
- Linognathus vituli*
Munro, R., 1978, *Fiji Agric. J.*, v. 40 (2), 91-96
cattle: Fiji
- Liotheum giganteum* Nitzsch, 1818
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion maximum circi* (Fourcroy, 1785)
- Liotheum giganteum* Nitzsch, 1818
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion m. maximum* (Scopoli, 1763)
- Liotheum hasticeps* Nitzsch, 1818
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion t. tinnunculi* (Linnaeus, 1758)
- Liotheum nitidissimum* Nitzsch, 1818
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
as syn. of *Ricinus fringillae fringillae* Degeer, 1778
- Lipeurus albus* Le Souef & Bullen, 1902
Price, R. D.; and Emerson, K. C., 1978, *Pacific Insects*, v. 18 (1-2), 33-36
as syn. of *Neopsittaconirmus albus* (Le Souef & Bullen)
- Lipeurus bacillus* Giebel, 1866
Martin, M. P.; and Gallego, J., 1977, *Graellsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Columbicola columbae bacillus* (Giebel, 1866)
- Lipeurus baculoides* Paine, 1912
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Columbicola baculoides* (Paine, 1912)
- Lipeurus baculus* Burmeister, 1838
Martin, M. P.; and Gallego, J., 1977, *Graellsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Columbicola columbae bacillus* (Giebel, 1866)
- Lipeurus caponis*
Chellappa, D. J.; Subramanian, R.; and Gopala-Krishnan, C. A., 1977, *Indian Poultry Gaz.*, v. 61 (4), 135-137
Menopon gallinae, *Lipeurus caponis*, poultry, malathion 50 EC, sumithion 50 EC, nuvan 100 EC, drug trial, sumithion 50 EC most effective, knapsack sprayer superior to conventional dipping procedure, preliminary report
- Lipeurus caponis*
Fabiyyi, J. P., 1979, *Austral. Vet. J.*, v. 55 (10), 503 [Letter]
domestic fowl: Port Moresby area, Papua New Guinea
- Lipeurus caponis* (L.)
Khan, M. H., 1979, *Indian Vet. J.*, v. 56 (9), 739-743
Lipeurus caponis, *Menacanthus stramineus*, White Leghorn fowl, organophosphorus insecticides, costs evaluated
- Lipeurus caponis*
Maldonado Capriles, J.; and Miro Mercado, J., 1978, *J. Agric. Univ. Puerto Rico*, v. 62 (3), 309-310
chickens (skin, feathers): Barrio Voladora, Moca, Puerto Rico
- Lipeurus caponis*, *illus.*
Meola, S.; and DeVaney, J., 1976, *J. Invert. Path.*, v. 28 (2), 195-201
Lipeurus caponis, Menopon gallinae, *Menacanthus stramineus*, parasitism by the fungus *Trenomyces histophtorus*, resulting damage to fat body and skeletal muscle
- Liponyssoides bengalensis* sp. nov., *illus.*
Gupta, S. K., 1979, *Current Sc.*, Bangalore, v. 48 (11), 507-508
from soil debris, reported to bite on leg and suck blood of collector: Suri Vidyasagar College campus, West Bengal, India
- Liponyssus latiscutatus* de Meillon & Lavoipierre, 1944
Herrin, C. S., 1974, *J. Med. Entom.*, v. 11 (3), 341-346
as syn. of *Hirstionyssus* (H.) *butantanensis* (Fonseca, 1932)
- Lipoptena cervi*
Brander, T., 1976, *Ang. Parasitol.*, v. 17 (3), 168-169
Mensch
Alces alces
all from Sudostfinnland
- Lipoptena cervi* L.
Ivanov, V. I., 1974, *Parazitologiya*, Leningrad, v. 8 (3), 252-253
Lipoptena cervi, natural and/or experimental infestations of man and various domestic, wild, and laboratory animals, number of feedings per day, amount of blood taken, skin reactions: Belorussia

- Lipoptena cervi* (L., 1761)
Kadulski, S., 1975, Acta Parasitol. Polon., v. 23 (41-51), 493-535
Lipoptena cervi, infestation in relation to population density and condition of host, species and size of host, age and sex of host, and year and season; life cycle; location on host; economic importance
Alces alces
Cervus nippon
Capreolus capreolus
Dama dama
Sus scrofa
man
Cervus elaphus
all from Poland
- Lironeca ovalis* Say, 1818
Meyers, T. R., 1978, Proc. Helminth. Soc. Washington, v. 45 (1), 120-128
Pomatomus saltatrix (opercular cavity):
Raritan Bay, New Jersey
- Listrophoroides cucullatus* (Trouessart)
Ramsay, G. W., 1977, N. Zealand J. Zool., v. 4 (4), 393-394
Rattus exulans: Tokelau Islands
- Listrophoroides cucullatus* (Trouessart, 1893)
Wilson, N.; and Wodzicki, K., 1977, N. Zealand J. Zool., v. 4 (4), 383-387
Rattus rattus
R. exulans
all from Niue Island
- Listrophorus brevipes* Dub.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Listrophorus brevipes*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Listrophorus dozieri*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Listrophorus faini* sp. n.
Dubinina, E. V., 1972, Parazitologia, Leningrad, v. 6 (2), 192
Syn.: *L. validus* Banks [sensu] Dubinina, 1967
Ondatra zibethica: Leningrad
- Listrophorus grandior* Dubinina, 1967
Dubinina, E. V., 1972, Parazitologia, Leningrad, v. 6 (2), 192
as syn. of *L. validus* Banks, 1910
- Listrophorus leuckarti* Pagenstecher, 1861
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Arvicola sapidus: Ermita de San Bartolome, Soria, Espana
- Listrophorus mexicanus*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: Wyoming
- Listrophorus mexicanus*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Mustela nivalis: Indiana
- Listrophorus mexicanus*
Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus townsendi (fur): Oregon
- Listrophorus validus* Banks, illus.
Dubinina, E. V., 1971, Parazitologia, Leningrad, v. 5 (6), 488-494
Listrophorus validus, *Schizocarpus numerosus*, developmental cycle, morphogenesis
- Listrophorus validus* Banks, 1910
Dubinina, E. V., 1972, Parazitologia, Leningrad, v. 6 (2), 192
Syn.: *L. grandior* Dubinina, 1967
- Listrophorus validus* Banks [sensu] Dubinina, 1967
Dubinina, E. V., 1972, Parazitologia, Leningrad, v. 6 (2), 192
as syn. of *L. faini* sp. n.
- Listropsylla basilewskyi* Smit, 1960
Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
rodents: Olkokola, Tanzania
- Listropsylla dolosa*
Fain, A.; and Beaucournu, J. C., 1976, Rev. Zool. Africaine, v. 90 (1), 181-187
Praomys: Lemera, Province du Kivu, Zaire, Afrique
- Longimenopon* sp.
Palma, R. L.; and Pilgrim, R. L. C., 1977, N. Zealand Entom., v. 6 (3), 290-292
Pterodroma inexpectata: S. W. Promontory, Snares Island, N. Zealand
- Loomisia*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key, key to species from Surinam
- Loomisia desmodus* (Brennan & Dalmat, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Glossophaga soricina
Lonchophylla thomasi
Trachops cirrhosus
all from Surinam
- Loomisia mira* n. sp., illus.
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Peropteryx kappleri: Gros gold mine, Surinam
- Loomisia yunkerii* Brennan & Reed, 1972
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Peropteryx kappleri: Surinam

- Lophuromyopus* sp.
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Loxaspis malayensis* Usinger, 1966
Marshall, A. G., 1977, Ecol. Entom., v. 2 (4), 285-291
ectoparasites of molossid bats, host-parasite relationships
Cheiromeles torquatus (nat. and exper.): Malaysia
Tadarida mops (exper.)
- Loxaspis spinosa* Usinger, 1959
Marshall, A. G., 1977, Ecol. Entom., v. 2 (4), 285-291
ectoparasites of molossid bats, host-parasite relationships
Cheiromeles torquatus (nat. and exper.): Malaysia
- Lucilia ampullacea*, illus.
Nielsen, S. A.; Nielsen, B. O.; and Walhovd, H., 1978, Entom. Medd., København, v. 46 (2), 92-94
blowfly myiasis, hedgehogs
Erinaceus europaeus (ears): Denmark
- Lucilia caesar*
Nielsen, S. A.; Nielsen, B. O.; and Walhovd, H., 1978, Entom. Medd., København, v. 46 (2), 92-94
blowfly myiasis, hedgehogs
Erinaceus europaeus: Denmark
- Lucilia caesar*
Sivertsen, T.; and Sjøli, N. E., 1977, Norsk Vet.-Tidsskr., v. 89 (12), 797-803
Lucilia caesar, sheep, diazinon: Hordaland
- Lucilia cuprina*
Merritt, G. C.; and Watts, J. E., 1978, Austral. Vet. J., v. 54 (11), 513-516
in-vitro technique for studying fleece-rot and fly strike in sheep
- [*Lucilia*] *cuprina*
Merritt, G. C.; and Watts, J. E., 1978, Austral. Vet. J., v. 54 (11), 517-520
changes in protein concentration and bacteria of fleece and skin during development of fleece-rot and fly strike in sheep
- Lucilia cuprina*
Murray, M. D., 1978, Austral. Vet. J., v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Lucilia cuprina*
Shanahan, G. J.; and Hughes, P. B., 1978, Vet. Rec., v. 103 (26-27), 582-583
Lucilia cuprina, myiasis, sheep, organo-phosphorus insecticides, residual efficacy against susceptible and resistant larvae, larval implant technique compared with standard analysis: New South Wales
- Lucilia cuprina*
Watts, J. E.; Murray, M. D.; and Graham, N. P. H., 1979, Austral. Vet. J., v. 55 (7), 325-334
Lucilia cuprina, sheep, field survey, 1972-76, nature of blowfly strike problem: New South Wales
- Lucilia illustris*
Nielsen, S. A.; Nielsen, B. O.; and Walhovd, H., 1978, Entom. Medd., København, v. 46 (2), 92-94
blowfly myiasis, hedgehogs
Erinaceus europaeus: Denmark
- Lucilia sericata*
Frey, H.; and Hinaidy, H. K., 1978, Wien. Tierarztl. Monatsschr., v. 65 (8-9), 256-257
Lucilia sericata in *Asio flammeus*, facultative wound myiasis: nordlichen Burgenland, Osterreich
- Lucilia sericata*
Kirkwood, A. C.; Quick, M. P.; and Page, K. W., 1978, Vet. Rec., v. 102 (3), 50-54
ectoparasites, sheep, showers and plunge dipping, efficacy using diazinon against *Lucilia sericata*, γ HCH against *Psoroptes communis ovis*
- Lucilia sericata*
Murray, M. D., 1978, Austral. Vet. J., v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Lucilia sericata*
Ribbeck, R.; Schroeder, E.; and Schumann, H., 1979, Monatsh. Vet.-Med., v. 34 (10), 383-384
Lucilia sericata, dogs, cats, myiasis, surgical removal and drug treatment
- Lucilia sericata*
Seidel, B., 1979, Zool. Garten, n. F., v. 49 (2), 131-160
Ovibos moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin
- Lucilia sericata*
Tenquist, J. D.; and Roberts, M., 1978, N. Zealand Vet. J., v. 26 (4), 88-91
Lucilia sericata, *Damalinea ovis*, sheep, 2 new 'Mini-shower' models of dipping with fenthion-ethyl and diazinon compared with plunge and shower dipping, residues in wool samples
- Lucilia sericata*
Yeoman, G. H.; and Bell, T. A., 1978, Vet. Rec., v. 103 (15), 337
Lucilia sericata, sheep, aluminium alkoxide gellants mixed with insecticide and applied to breech area, results suggest that this new control method against cutaneous myiasis gives higher protection than current means of control with no abnormal problems of toxicity, tissue residues, or wool processing
- Lunaceps* Clay & Meinertzhagen 1939
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
Cummingsiellinae nom. nov.
includes subgenus: *Rotundiceps* Edwards 1952
- Lunaceps* sp.
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Calidris alpina: Jan Mayen Island, Norway
- Lung mites. See Mites, Lung.
- Lutridia Keler*, 1938
Zlotorzyczka, J., 1972, Klucze Oznac. Owad. Polski (74), Sect. 15, 48 pp.
Goniodoidea and *Trichodectoidea*, keys to sub-families, genera, and species, systematics, hosts: Poland

- Lynchia wolcottii* (Swenk)
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Pulsatrix perspicillata saturata: Costa Rica
- Lynxacarus* [sp.]
Munro, R.; and Munro, H. M. C., 1979, Austral. Vet. J., v. 55 (2), 90 [Letter]
Lynxacarus [sp.], cats, lesions, successful treatment with lime-sulphur solution: Fiji
- Lynxacarus mustelae*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Mustela frenata: Indiana
- Lynxacarus nearcticus*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Mustela vison
M. frenata
all from Indiana
- Lynxacarus radovsky*
Bowman, W. L.; and Domrow, R., 1978, Austral. Vet. J., v. 54 (8), 403-404 [Letter]
cats (fur): Proserpine (Queensland), Australia
- Macrocheles* sp.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Apodemus tauricus
Clethrionomys glareolus
all from Gory Sowie (Middle Sudetes), Poland
- Macrocheles* sp.
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
all from Tonden, Sapporo, Hokkaido
- Macrocheles* sp.
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus trinotatus
Zapus sp.
all from California
- Macrocheles decoloratus* C.L. Koch
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Macrocheles hechti* Machado, 1964
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Reithrodontomys megalotis: El Zarco, D. F.
- Macrocheles matrius* Hull
Reitblat, A. G., 1970, Parazitologiya, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]
[*M. meridianus*]
all from Tersko-Kumsk territory (North Caucasus)
- Macrocheles matrius* Hull.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Macrocheles montanus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle Sudetes), Poland
- Macrocheles muscaedomesticae*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Mus musculus
all from Gory Sowie (Middle Sudetes), Poland
- Macrocheles scutatus* (Berl.)
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Macrocheles tardus* (Koch)
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Apodemus tauricus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Macrocheles vagabundus* (Berl.)
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Macronyssoides conciliatus* Radovsky, 1967
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
unidentified murcielago: Ocoyoacac, Estado de Mexico
- Macronyssoides kochi* (Fonseca, 1948)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Artibeus sp.: Salina Cruz, Oaxaca
- Macronyssoides kochi* (Fonseca, 1948), illus.
Yunker, C. E.; and Chitwood, M. B., 1973, Acarologia, v. 14 (4), 530-532
larval filariae, possibly *Litomosa* sp. in *Macronyssoides kochi* (anterior part of idiosoma), parasitic on *Artibeus jamaicensis*: 18 km N. of Valera, Trujillo, Venezuela

- Macronyssus* sp. (apparently japonicus Radovsky, 1967)
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Myotis longipes: Afghanistan
- Macronyssus* sp.
Whitaker, J. O., jr.; and Mumford, R. E., 1978, *J. Mamm.*, v. 59 (3), 632-634
Hipposideros commersoni: Kenya
- Macronyssus barbastellinus* sp. n., illus.
Dusbabek, F.; and Pinchuk, L. M., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 401-404
Barbastella barbastellus: Czechoslovakia; Moldavia
- Macronyssus crosbyi* (Ewing & Stover, 1915)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, *Rev. Soc. Mexicana Hist. Nat.*, v. 33, 151-159
unidentified murcielago: Calacoaya, Estado de Mexico
- Macronyssus crosbyi*
Whitaker, J. O., jr.; and Winter, F. A., 1977, *Tr. Illinois State Acad. Sc.*, v. 70 (3-4), 301-313
Myotis austroriparius
M. keenii
M. lucifugus
all from Shawnee National Forest, southern Illinois
- Macronyssus jonesi*
Whitaker, J. O., jr.; and Winter, F. A., 1977, *Tr. Illinois State Acad. Sc.*, v. 70 (3-4), 301-313
Myotis austroriparius
M. grisescens
all from Shawnee National Forest, southern Illinois
- Macronyssus leucippe* (Domrow), illus.
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
synonymy, male described
Miniopterus schreibersi
Myotis longipes
Rhinopoma microphyllum
all from Afghanistan
- Macropsylla hercules*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: Queensland and New South Wales
Mastacomys fuscus: New South Wales
all from Australia
- Macrostylophora* sp., illus.
Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
fleas, malformations
[no host]: Chienyang, Fukien
- Mahafaliella Gretillat*, Brygoo & Domergue, 1962
Motta, C. da S.; and Gomes, D. C., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (1), 7-9
Cephalobaenidae, key
- Malareus arvicolae*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
all from Gory Sowie (Middle Sudetes), Poland
- Malareus arvicolae*
Haitlinger, R., 1978, *Polskie Pismo Entom.*, v. 48 (3), 287-309
Pitymys subterraneus: west and east Beskid (Poland)
- Malaraeus neotomae*: Jellison, Locker & Bacon, 1953
Prince, F. M.; Eads, R. B.; and Barnes, A. M., 1976, *J. Med. Entom.*, v. 13 (2), 162-168
as syn. of Traubella neotomae (I. Fox), n. comb.
- Malareus penicilliger*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
all from Gory Sowie (Middle Sudetes), Poland
- Malareus penicilliger*
Haitlinger, R., 1978, *Polskie Pismo Entom.*, v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
Microtus agrestis
Microtus arvalis
Apodemus tauricus
Sorex araneus
all from west and east Beskid (Poland)
- Malareus penicilliger*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
+Alticola strelzovi (nest): south-eastern Altai
- Malareus (Amalareus) penicilliger mustelae* (Dale 1878)
Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu*, s. C, *Biol. Terr.*, v. 25 (1), 69-86
Pyrenees-Orientales, France
- Malaraeus penicilliger mustelae* (Dale)
Clark, F., 1978, *Entom. Gaz.*, v. 29 (4), 258-260
records of fleas from English birds and mammals
- Malareus penicilliger mustelae* (Dale), 1878
King, C. M., 1976, *J. Zool.*, London, v. 180 (4), 525-535
fleas of Mustela nivalis, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford
- Malaraeus telchinum* (Roths.)
Barnes, A. M.; et al., 1974, *J. Med. Entom.*, v. 11 (1), 83-87
flea vectors of plague, control on wild Peromyscus maniculatus by use of 2% carbaryl dust in bait stations: Buckhorn Mountain, Larimer County, Colorado
- Malaraeus telchinum* (Rothschild)
Rutledge, L. C.; et al., 1979, *J. Med. Entom.*, v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Peromyscus maniculatus
P. boylei
Microtus californicus
Spermophilus beecheyi
all from Fort Hunter Liggett, Monterey County, California

- Malaraeus telchinus*
Schwan, T. G., 1975, *J. Med. Entom.*, v. 11 (6), 760
24-hour flea reinfestation rate in wild population of *Microtus californicus*: Hayward, Alameda Co., California
- Mallophaga*
van den Broek, E., 1977, *Wetensch. Mededel. K. Nederl. Natuurhist. Veren.* (121), 1-32
Anoplura and Mallophaga of mammals, keys, host list, illustrations, review: Netherlands
- Mallophaga*
Emerson, K. C., 1979, *Lice in my life*, 106 pp.
lice, history and status of taxonomic research, museum collections, review; bibliography of papers by K. C. Emerson
- Mallophaga*
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
key to species parasitizing North American Columbiformes
- Mallophaga* order
Kim, K. C.; and Ludwig, H. W., 1978, *Ann. Entom. Soc. Am.*, v. 71 (6), 910-922
Psocodea, phylogenetic relationships of five taxa analyzed cladistically, evaluation of character complexes, theoretical aspects of phylogenetic inferences on origin of higher taxa
key; includes: Amblycera; Ischnocera; Rhynchophthirina
- Mallophaga* Nitzsch, 1818
Lakshminarayana, K. V., 1976, *Ang. Parasitol.*, v. 17 (3), 160-167
Gnathophthirina Lakshminarayana nom. nov. pro *Mallophaga* Nitzsch, 1818
- Mallophaga* Nitzsch, 1818
Lakshminarayana, K. V., 1976, *Ang. Parasitol.*, v. 17 (3), 160-167
Mandibulophthirina Lakshminarayana emend. nov. pro *Mallophaga* Nitzsch, 1818
- Mallophaga*
Palma, R. L., 1978, *N. Zealand Entom.*, v. 6 (4), 432-436
slide-mounting of *Mallophaga* and Anoplura, detailed description of Canada balsam technique for prolonged preservation
- Mallophaga*
Tenorio, J. M., 1979, *Pacific Insects*, v. 20 (1), 5-17
Mallophaga, catalog of holotypes and allotypes deposited in Bishop Museum, Hawaii with supplemental information on hosts and localities
- Mallophaga*
Zlotorycka, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Mallophaga*
Zlotorycka, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rearing, control, collection, preservation, keys, hosts: Poland
- Mandibulophthirina* Lakshminarayana emend. nov. pro *Mallophaga* Nitzsch, 1818
Lakshminarayana, K. V., 1976, *Ang. Parasitol.*, v. 17 (3), 160-167
- Mappates*
Prabha, C.; and Pillai, N. K., 1979, *Parasitology*, v. 79 (3), 425-429
Lepeophtherinae
- Marsupialichini* tr. nov.
Fain, A.; de Cock, A. W. A. M.; and Lukoschus, F. S., 1972, *Acarologia*, v. 14 (1), 81-93
Glycyphagidae, Melesodectinae
includes: *Marsupialichus* Fain, 1967
- Marsupialichus* Fain, 1967
Fain, A.; de Cock, A. W. A. M.; and Lukoschus, F. S., 1972, *Acarologia*, v. 14 (1), 81-93
Glycyphagidae, Melesodectinae, *Marsupialichini* tr. nov.
differential characteristics from *Labidophorus*; definition completed
- Marsupialichus brasiliensis*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Mustela vison: Indiana
- Marsupialichus marsupialis* spec. nov., illus.
Fain, A.; de Cock, A. W. A. M.; and Lukoschus, F. S., 1972, *Acarologia*, v. 14 (1), 81-93
Marsupialichus marsupialis spec. nov., experimental life cycle
Didelphis m. marsupialis (hairs on lips): Lelydorp and Brokobaka, Surinam
- Medwayella robinsoni*
Fain, A.; and Beaucournu, J. C., 1976, *Rev. Zool. Africaine*, v. 90 (1), 181-187
Tupaia glis: forest d'Ulugombak Selangor, Malaisie occidentale
- Megabothris abantis* (Rothschild)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Clethrionomys rutilus
Zapus hudsonius
Microtus sp.
all from Alaska
- Megabothris abantis*
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: British Columbia; Utah; Wyoming
Z. trinotatus: Washington
Zapus sp.: California
- Megabothris acerbus*, illus.
Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Sciurus carolinensis
Tamias striatus ohioensis
Didelphis virginiana
Sciurus niger rufiventer
all from southeastern Wisconsin
- Megabothris asio* ssp.
Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2), 179-192
Didelphis virginiana: southeastern Wisconsin

- Megabothris asio* (Baker)
Jackson, J. O.; and DeFoliart, G. R., 1976, J. Med. Entom., v. 13 (3), 351-356
fleas, survey of nests of *Peromyscus leucopus*, data for some species on seasonal occurrence, sex ratio, abundance in relation to host sex and nesting activity: southwestern Wisconsin
- Megabothris asio asio* (Baker)
Main, A. J.; et al., 1979, Entom. News, v. 90 (3), 135-140
Microtus pennsylvanicus
Peromyscus leucopus
Zapus hudsonius
all from southern New England
- Megabothris asio megacolpus*
Amin, O. M., 1976, J. Med. Entom., v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Microtus p. pennsylvanicus
Sorex cinereus
all from southeastern Wisconsin
- Megabothris calcarifer gregsoni* Holland
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Microtus sp.
Clethrionomys rutilus
all from Alaska
- Megabothris groenlandicus* (Wahl.)
Cotton, M. J., 1979, Entom. Month. Mag. (1360-1363), v. 113, 1977, 213-217
Dicrostonyx groenlandicus: north-east Greenland
- Megabothris groenlandicus*
Franzmann, N. E., 1976, Entom. Medd., Kobenhavn, v. 44 (1), 28-30
+*Plectrophenax nivalis* (nest): Mestersvig, NE Greenland
- Megabothris groenlandicus* (Wahlgren)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Microtus sp.: Alaska
- Megabothris quirini* (Rothschild)
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Clethrionomys rutilus
Microtus sp.
all from Alaska
- Megabothris turbidus* (Rothschild 1909)
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Lerida, Spain
- Megabothris turbidus* (Rothschild)
Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Megabothris turbidus*
Frank, C., 1977, Ztschr. Parasitenk., v. 53 (3), 251-254
Hepatozoon erhardovae, incidence in *Clethrionomys glareolus* (blood), distribution of schizonts in lungs; accumulation of gametocytes in *Ixodes ricinus* (nat. and exper.) or *Neotrombicula zachvatkini* (nat. and exper.) after biting heavily infected *C. glareolus*; occasionally transmitted to non-specific host, *Apodemus flavicollis* (exper.), but only by specific vector, *Megabothris turbidus* (exper.): South-Western Styria and areas around Neusiedlersee
- Megabothris turbidus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Megabothris turbidus*
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
Microtus agrestis
Microtus arvalis
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
Mus musculus
Neomys fodiens
Neomys anomalus
all from west and east Beskid (Poland)
- M[*egabothris*] *turbidus*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agrom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of exchange of habitats
- Megabothris turbidus* (Rothschild), 1909
King, C. M., 1976, J. Zool., London, v. 180 (4), 525-535
fleas of *Mustela nivalis*, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford
- Megabothris turbidus* (Rothschild, 1909)
Laumond, C.; and Beaucournu, J. C., 1978, Ann. Parasitol., v. 53 (3), 291-302
parasitized by *Neoparasitylenchus megabothridis* n. sp.
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
- Megabothris walkeri* (Rothschild)
Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Megabothris walkeri* (Rothschild), 1902
King, C. M., 1976, J. Zool., London, v. 180 (4), 525-535
fleas of *Mustela nivalis*, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford

- Megadrepnoides Self & Kuntz, 1957
Katta, C. da S.; and Gomes, D. G., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (1), 7-9
Cephalobaenidae, key
- Megamblyopininae SeEVERS
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Megamblyopininae Amblyopininae, Amblyopinodes, generic taxonomy revised, new characteristics of systematic importance recorded and used
- Megamblyopininae seEVERS sp. nov., *illus.*
Machado-Allison, C. E., [1965], *Rev. Soc. Mexicana Hist. Nat.*, v. 25, 1964, 173-191
Oryzomys albigularis meridensis: Serrania del Avila, 2,200 m alt., Venezuela
- Megarhroglossus Jordan & Rothschild
Eads, R. B.; and Campos, E. G., 1977, *J. Med. Entom.*, v. 14 (1), 97-100
key to species, males
includes: Megarhroglossus cavernicolus; M. weaveri n. sp.; M. wilsoni; M. sicamus; M. jamesoni; M. sierrae; M. smiti; M. spenceri; M. procius; M. bisetis; M. becki; M. divivus
- Megarhroglossus bisetis Jordan & Rothschild
Graves, G. N.; et al., 1974, *J. Med. Entom.*, v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Dipodomys spectabilis
Neotoma microps
Sigmodon hispidus
Onychomys leucogaster
Peromyscus leucopus
Reithrodontomys megalotis
Sylvilagus audubonii
all from Chaves County, New Mexico
- Megarhroglossus cavernicolus, Mendez & Haas, 1972
Eads, R. B.; and Campos, E. G., 1977, *J. Med. Entom.*, v. 14 (1), 97-100
key
Neotoma cinerea: Rocky Mountain National Park, Larimer County, Colorado
- Megarhroglossus weaveri n. sp., *illus.*
Eads, R. B.; and Campos, E. G., 1977, *J. Med. Entom.*, v. 14 (1), 97-100
key
Neotoma mexicana
Peromyscus maniculatus
all from Weaver Ranch, Larimer County, Colorado
- Megarhroglossus wilsoni Mendez & Haas, 1973
Eads, R. B.; and Campos, E. G., 1977, *J. Med. Entom.*, v. 14 (1), 97-100
key
- Megaselia spiracularis Schmitz, 1938
Komori, K.; et al., 1978, *Tr. Roy. Soc. Trop. Med. and Hyg.*, v. 72 (5), 467-470
Megaselia spiracularis, third-instar larvae causing myiasis in man's lung, clinical case report: Japan
- Megaselia trivialis (Brues), *illus.*
Disney, R. H. L.; and Kurahashi, H., 1978, *J. Med. Entom.*, v. 14 (6), 717
Megaselia trivialis, 6-year-old girl (urine), urogenital myiasis, case report: Tokyo, Japan
- Megninia sp.
Kelllogg, F. E.; Doster, G. L.; and Johnson, J. K., 1971, *J. Wildlife Dis.*, v. 7 (3), 186-187
Indian red junglefowl, pen-raised (feathers)
- Megninia cubitalis (Megnin, 1877)
Ota, M. S. P.; de Campos, M. S.; and de Almeida, M. A., 1977, *Biologico*, S. Paulo, v. 43 (9-10), 218-220
Menacanthus stramineus, Megninia cubitalis, M. ginglymura, chickens and chicken-houses, chlorpyrifos entirely satisfactory
- Megninia ginglymura (Megnin, 1877)
Ota, M. S. P.; de Campos, M. S.; and de Almeida, M. A., 1977, *Biologico*, S. Paulo, v. 43 (9-10), 218-220
Menacanthus stramineus, Megninia cubitalis, M. ginglymura, chickens and chicken-houses, chlorpyrifos entirely satisfactory
- Meinertia carinata: Trilles, 1972 (*nec* Bianconi, 1869)
Avdeev, V. V., 1979, *Biol. Moria, Vladivostok* (2), 48-54
as syn. of Meinertia trillesi sp. n.
- Meinertia gaudichaudii (Milne Edwards, 1840)
Jaramillo, E., 1977, *Medio Ambiente, Univ. Austral Chile*, v. 3 (1), 132-134
Squalus fernandinus (piso de la boca):
Queule
Stromateus stellatus (arcos branquiales):
Queule
Lepidotus australis (arcos branquiales):
Rehuin
Polyprion yaneri (arcos branquiales; pliegues esofagicos): Calbuco
- Meinertia oestroides
Lopez-Roman, R.; and Guevara Pozo, D., 1976, *Rev. Iber. Parasitol.*, v. 36 (1-2), 135-138
Cyclocotyla bellones, parasite of Meinertia oestroides in hoops hoops (cavidad bucal): costa de Granada (Mar de Alboran), Espana
- Meinertia oestroides (Risso, 1826), *illus.*
Romestand, B., 1979, *Ann. Parasitol.*, v. 54 (4), 423-448
Cymothoidae of teleost fish, hematophagy, host immune response, biochemical, histological, haematological, and biometrical (growth) changes in infected hosts
Boops boops
Maena maena
all from Hérault
- Meinertia oestroides, *illus.*
Romestand, B.; and Trilles, J. P., 1977, *Ztschr. Parasitenk.*, v. 52 (1), 91-95
Anilocra physodes, Meinertia oestroides, Emetha audouini, teleost fishes, blood values, anemia, hypertrophy and hypervascularization of spleen
Boops boops (buccaux): Hérault, France
- Meinertia oestroides (Risso, 1826)
Romestand, B.; and Trilles, J. P., 1977, *Ztschr. Parasitenk.*, v. 54 (1), 47-53
Meinertia oestroides, degeneration and histological changes of host tongue
Boops boops (langue): Sete (Hérault, France)

- Meinertia oestroides* (Risso, 1826)
Romestand, B.; and Trilles, J. P., 1979,
Ztschr. Parasitenk., v. 59 (2), 195-202
cymothoid isopods, influence on host growth
and weight-size ratios
Boops boops (cavite buccale)
- Meinertia parallela* (Otto, 1828), illus.
Romestand, B., 1979, *Ann. Parasitol.*, v. 54
(4), 423-448
Cymothoidae of teleost fish, hematophagy,
host immune response, biochemical, histo-
logical, haematological, and biometrical
(growth) changes in infected hosts
Boops boops: Herault
- Meinertia parallela* (Otto, 1828)
Romestand, B.; and Trilles, J. P., 1979,
Ztschr. Parasitenk., v. 59 (2), 195-202
cymothoid isopods, influence on host growth
and weight-size ratios
Boops boops (cavite buccale)
- Meinertia trillesi* sp. n., illus.
Avdeev, V. V., 1979, *Biol. Moria, Vladivostok*
(2), 48-54
Syn.: *Meinertia carinata*: Trilles, 1972
(nec Bianconi, 1869)
Trachurus declivis
Scomber australasicus
Rexea solandri
Seriolaella maculata
(mouth cavity of all): all from Tasman Sea
- Meinertia usacarangis* sp. n., illus.
Avdeev, V. V., 1979, *Biol. Moria, Vladivostok*
(2), 48-54
Usacarax georgianus
Selaroides leptolepis
Alepes mate
(mouth cavity of all): all from Australian-
New Zealand region
- Meinertia venusta* sp. n., illus.
Avdeev, V. V., 1978, *Biol. Moria, Vladivostok*
(4), 30-35
Parexocoetus brachypterus (mouth cavity):
Red Sea
- Melinnacheres* M. Sars, 1870
Bresciani, J.; and Leutzen, J., 1975, *Ophelia*,
v. 13 (1-2), 1974-1975, 31-41
diagnosis, *Melinnacheridae*
Syn.: *Saccopsis* Levinsen, 1878
- Melinnacheres ergasiloides* M. Sars, illus.
Bresciani, J.; and Leutzen, J., 1975, *Ophelia*,
v. 13 (1-2), 1974-1975, 31-41
description
Melinnacheres ergasiloides and other annelid-
icolous copepods, multiple infections of
polychaetes occur much more frequently than
expected assuming a random distribution,
possible explanations
Melinna cristata (thorax): Sacken, off
Skagerrak coast of Sweden
- Melinnacheres steenstrupi* (Bresciani & Luetzen,
1961) [n. comb.], illus.
Bresciani, J.; and Leutzen, J., 1975, *Ophelia*,
v. 13 (1-2), 1974-1975, 31-41
Terebellides stroemi
- Melinnacheres terebellidis* [n. comb.]
Bresciani, J.; and Leutzen, J., 1975, *Ophelia*,
v. 13 (1-2), 1974-1975, 31-41
- Melinnacheridae*
Bresciani, J.; and Leutzen, J., 1975, *Ophelia*,
v. 13 (1-2), 1974-1975, 31-41
[Syn.]: *Saccopsidae*
includes: *Melinnacheres*; *Saccopsis*
- [*Melophagus*] *melofagoze*
Medinskii, B. L., 1977, *Veterinariia, Moskva*
(9), 70-71
[*Melophagus*], sheep, blood changes (anemia,
neutrophilia, lymphocytopenia)
- Melophagus kamtshaticus* sp. n., illus.
Doszhanov, T. N., 1979, *Trudy Vsesoiuz. Entom.*
Obsh., v. 61, 211-213
Ovis nivicola: Kamchatka
- Melophagus ovinus*
Atef, M.; and El-Say, A., 1976, *J. Egypt. Vet.*
Med. Ass., v. 35 (3), 73-84
sheep: north-western coastal region of
Arab Republic of Egypt
- Melophagus ovinus*
Bonin, W., 1977, *Berl. u. Munchen. Tierarztl.*
Wchnschr., v. 90 (2), 34-37
Amblyomma hebraeum, *Psoroptes cuniculi*,
Melophagus ovinus, *Dermanyssus gallinae*,
heptenophos, rapid mode of action, broad
range of efficacy, short residual effect
and effective as a vapour poison, compared
with other standard drug preparations
- Melophagus ovinus* (L.)
Heath, A. C. G., 1979, *N. Zealand J. Zool.*,
v. 6 (1), 141-144
ectoparasites, feral sheep, host age and sex:
Campbell Island, New Zealand
- Melophagus ovinus* (L.)
Hopkins, D. E.; and Chamberlain, W. F., 1978,
Southwest. Entom., v. 3 (4), 292-294
Melophagus ovinus, inhibited maturation on
sheep dipped in diflubenzuron (preventing
formation of pupae) or methoprene (prevent-
ing adult eclosion), possible candidate con-
trol agents for sheep ked and other larvi-
parous pests
- Melophagus ovinus*
Lloyd, J. E.; Olson, E. J.; and Pfadt, R. E.,
1978, *J. Econom. Entom.*, v. 71 (3), 548-550
Melophagus ovinus, sheep, diazinon, ronnel,
low volume spraying gave rapid control with
no adverse effects
- Melophagus ovinus*
Migunov, I. M.; Timofeev, P. V.; and Grudinin,
B. L., 1977, *Veterinariia, Moskva* (6), 68-69
Melophagus ovinus, sheep, DDVP effective,
applied as aerosol to group of sheep in
sealed enclosure
- Melophagus ovinus*
Miller, P. L., 1977, *J. Insect. Physiol.*,
v. 23 (7), 855-860
Crataerina pallida, haltere activity and
possible functions in this flightless hippo-
boscid fly, very brief observations on *Melo-*
phagus ovinus (halteres absent), *Hippobosca*
equina, and an apterous African nycteribiid
- Melophagus ovinus*
Selim, M. K.; et al., 1970, *Vet. Med. J.*,
Giza, v. 17 (18), 173-193
sheep: imported to United Arab Republic

- Melophagus ovinus*
Splisteser, H.; and Graefe, D., 1977, *Monatsh. Vet.-Med.*, v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Menacanthus Neumann*, 1912
Martin-Mateo, M. P., [1976], *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 72, 1974, 165-179
synonymy, key to species of Spain
- Menacanthus* sp.
Martin, M. P.; and Gallego, J., 1977, *Grael-Isia, Rev. Entom. Iber.*, v. 31, 1975, 193-211
Corvus monedula: Cataluna, Espana
- Menacanthus abdominalis* (Piaget)
Groza, V. K., 1970, *Parazitologiya, Leningrad*, v. 4 (4), 375-383
Coturnix coturnix: Kazakhstan
- Menacanthus affinis Fedorenko*, sp. n., illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1977, *Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk* (5), 56-59
Oenanthe isabellina: Turkmenistan (Central Kopetdag, Soutli-Su)
- Menacanthus chabaroviensis* sp. n., illus.
Fedorenko, I. A., 1978, *Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (6), 42-49
Turdus hortulorum: Kazakevichevo, Khabarovsk krai
- Menacanthus citrinellae* (Denny, 1842), illus.
Martin-Mateo, M. P., [1976], *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 72, 1974, 165-179
synonymy, key
description
Emberiza citrinella: Las Infantas (Guadalaraja), Espana
- Menacanthus cornutus* (Shoem.)
Groza, V. K., 1970, *Parazitologiya, Leningrad*, v. 4 (4), 375-383
Alectoris kakelik: Kazakhstan
- Menacanthus cornutus*
Yagi, A. I.; Abdel Razig, M. T.; and Osman, O. M., 1975, *Bull. Animal Health and Prod. Africa*, v. 23 (2), 181-184
Menacanthus cornutus, poultry, neguvon solution for spraying and dipping
- Menacanthus exilis* (Nitzsch, 1866), illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1977, *Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk* (5), 56-59
description of female
Oenanthe oenanthe: Turkmenistan (Central Kopetdag piedmont)
- Menacanthus numidae* (Giebel, 1874), illus.
Martin-Mateo, M. P., [1976], *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 72, 1974, 165-179
synonymy, key
description
Gallus domesticus: Madrid, Espana
Grus grus: Juncos (Toledo), Espana
Alectoris rufa: Salamanca, Espana
- Menacanthus orientalis* sp. n., illus.
Fedorenko, I. A., 1978, *Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (6), 42-49
Luscinia cyane: Kazakevichevo, Khabarovsk krai
- Menacanthus pallidulus*
Fabiya, J. P., 1979, *Austral. Vet. J.*, v. 55 (10), 503 [Letter]
domestic fowl: Port Moresby area, Papua New Guinea
- Menacanthus pallidulus* (Neumann, 1912), illus.
Martin-Mateo, M. P., [1976], *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 72, 1974, 165-179
synonymy, key
description
Gallus domesticus: Madrid, Espana
- Menacanthus pici* (Denny, 1842), illus.
Martin-Mateo, M. P., [1976], *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 72, 1974, 165-179
Syn.: *Menopon pici* Denny, 1842
description, key
Picus viridis virescens: Madrid, Espana
- Menacanthus spiniferus Piaget*, 1885, illus.
Martin-Mateo, M. P., [1976], *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 72, 1974, 165-179
synonymy, key
description
Sturnus unicolor: Las Infantas (Guadalajara), Espana
- Menacanthus spodocephalae* sp. n., illus.
Fedorenko, I. A., 1978, *Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (6), 42-49
Emberiza spodocephala: Khabarovsk krai (Kazakevichevo; Sutara; Novo-Troitskoe; Petropavlovka; Zolotoi)
- Menacanthus (Eomenacanthus) stramineus* (Nitzsch) Khan, M. H., 1979, *Indian Vet. J.*, v. 56 (9), 739-743
Lipeurus caponis, *Menacanthus stramineus*, White Leghorn fowl, organophosphorus insecticides, costs evaluated
- Menacanthus stramineus* (Nitzsch, 1818), illus.
Martin-Mateo, M. P., [1976], *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 72, 1974, 165-179
synonymy, key
description
Gallus domesticus
Meleagris gallopavo
all from Madrid, Espana
- Menacanthus stramineus*, illus.
Meola, S.; and DeVaney, J., 1976, *J. Invert. Path.*, v. 28 (2), 195-201
Lipeurus caponis, *Menopon gallinae*, *Menacanthus stramineus*, parasitism by the fungus *Trenomyces histophtorus*, resulting damage to fat body and skeletal muscle
- Menacanthus stramineus* (Nitzsch, 1818)
Oba, M. S. P.; de Campos, M. S.; and de Almeida, M. A., 1977, *Biologico, S. Paulo*, v. 43 (9-10), 218-220
Menacanthus stramineus, *Megnina cubitalis*, *M. ginglymura*, chickens and chicken-houses, chlorpyrifos entirely satisfactory
- Menacanthus turkmenicus* sp. n., illus.
Fedorenko, I. A.; and Kekilova, A. F., 1978, *Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk* (2), 55-58
Turdus ruficollis: Karadamak, Turkmeniia
- Menacanthus volkovi* sp. n., illus.
Fedorenko, I. A., 1978, *Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool.* (6), 42-49
Turdus dauma: Kazakevichevo, Khabarovsk krai

- Menopon anathorax Nitzsch, 1866
Martin, M. P.; and Gallego, J., 1977, Graef-
lsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of Myrsidea anathorax (Nitzsch, 1866)
- Menopon gallinae
Chellappa, D. J.; Subramanian, R.; and Gopala-
krishnan, C. A., 1977, Indian Poultry Gaz.,
v. 61 (4), 135-137
Menopon gallinae, Lipeurus caponis, poultry,
malathion 50 EC, sumithion 50 EC, nuvan 100
EC, drug trial, sumithion 50 EC most effec-
tive, knapsack sprayer superior to conven-
tional dipping procedure, preliminary report
- Menopon gallinae
Fabiyyi, J. P., 1979, Austral. Vet. J., v. 55
(10), 503 [Letter]
domestic fowl: Port Moresby area, Papua New
Guinea
- Menopon gallinae (Linn.)
Groza, V. K., 1970, Parazitologiya, Leningrad,
v. 4 (4), 375-383
Alectoris kakelik: Kazakhstan
- Menopon gallinae, illus.
Meola, S.; and DeVaney, J., 1976, J. Invert.
Path., v. 28 (2), 195-201
Lipeurus caponis, Menopon gallinae, Menacan-
thus stramineus, parasitism by the fungus
Trenomyces histophtorus, resulting damage to
fat body and skeletal muscle
- Menopon numidae Giebel, 1874
Martin-Mateo, M. P., [1976], Bol. R. Soc. Espan.
Hist. Nat., Secc. Biol., v. 72, 1974, 165-179
as syn. of Menacanthus numidae (Giebel, 1874)
- Menopon pici Denny, 1842
Martin-Mateo, M. P., [1976], Bol. R. Soc. Espan.
Hist. Nat., Secc. Biol., v. 72, 1974, 165-179
as syn. of Menacanthus pici (Denny, 1842)
- Meringis
Eads, R. B., 1978, Great Basin Nat., v. 38
(4), 447-455
key to species, includes: *M. parkeri*; *M.*
californicus; *M. shannonii*; *M. hubbardi*; *M.*
jamesoni; *M. altipectin*; *M. bilsingi*; *M.*
nidi; *M. deserti*; *M. cummingi*; *M. facilis* n.
sp.; *M. arachis*; *M. rectus*; *M. vitabilis*;
M. dipodomys; *M. agilis*; *M. disparalis* n.
sp.
- Meringis bilsingi Eads & Menzies
Graves, G. N.; et al., 1974, J. Med. Entom.,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Dipodomys spectabilis
D. merriami
D. ordii
Neotoma micropus
Sigmodon hispidus
Onychomys leucogaster
Peromyscus leucopus
Reithrodontomys megalotis
Sylvilagus audubonii
all from Chaves County, New Mexico
- Meringis dipodomys Kohls
Graves, G. N.; et al., 1974, J. Med. Entom.,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Dipodomys spectabilis
D. merriami
D. ordii
Perognathus flavus
Neotoma micropus
Onychomys leucogaster
all from Chaves County, New Mexico
- Meringis disparalis, n. sp., illus.
Eads, R. B., 1978, Great Basin Nat., v. 38
(4), 447-455
key
Dipodomys merriami: southern New Mexico
(Dona Ana Co.; Eddy Co.; Luna Co.)
D. ordii: Dona Ana Co., southern New Mexico
Onychomys leucogaster: southern New Mexico
(Dona Ana Co.; Luna Co.)
- Meringis facilis, n. sp., illus.
Eads, R. B., 1978, Great Basin Nat., v. 38
(4), 447-455
key
Dipodomys ordii: Chaves Co., New Mexico;
Crowley Co., Colorado
Onychomys leucogaster: New Mexico (Chaves
Co.; Bernalillo Co.; Valencia Co.)
Neotoma micropus: Chaves Co., New Mexico
Perognathus flavus: Chaves Co., New Mexico
Sylvilagus audubonii
- Meringis nidi Williams & Hoff
Graves, G. N.; et al., 1974, J. Med. Entom.,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Dipodomys spectabilis
D. merriami
D. ordii
Neotoma micropus
Sigmodon hispidus
Onychomys leucogaster
Peromyscus leucopus
Sylvilagus audubonii
all from Chaves County, New Mexico
- Meringis rectus Morlan
Graves, G. N.; et al., 1974, J. Med. Entom.,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Dipodomys spectabilis
D. merriami
D. ordii
Perognathus flavus
Neotoma micropus
Sigmodon hispidus
Onychomys leucogaster
Peromyscus leucopus
Reithrodontomys megalotis
Spermophilus spilosoma
Sylvilagus audubonii
all from Chaves County, New Mexico
- Meristacarus calcaratus
Watling, D., 1977, Fiji Agric. J., v. 39 (2),
116-117
Pteropus tonganus (wing membranes)
P. nawaiensis
all from Sigatoka Valley, Viti Levu, Fiji
Islands
- Meristaspis sp. Nadchatram, Domrow and Ng, 1966
Domrow, R.; and Nadchatram, M., 1978, Ori-
ental Insects, v. 12 (1), 85-96
as syn. of *Meristaspis lateralis* (Kolenati)

- Meristaspis calcarata* (Hirst, 1923)
Wilson, N.; and Wodzicki, K., 1977, *N. Zealand J. Zool.*, v. 4 (4), 383-387
Pteropus tonganus tonganus: Niue Island
- Meristaspis jordani* (Radford)
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
synonymy
Dobsonia moluccensis: Papua New Guinea
- Meristaspis lateralis* (Kolenati)
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
synonymy
Eonycteris spelaea
Macroglossus lagochilus
all from Malaysia
- Meristaspis macroglossi* (Hirst)
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
synonymy
Macroglossus minimus: Malaysia
Cynopterus horsfieldi: Malaysia
Nyctimene albiventer papuanus (wings):
Papua New Guinea
Syconycteris crassa papuana (wings): Papua
New Guinea
- Meristaspis mindanaoensis* Delfinado and Baker,
1963
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
Megaerops ecaudata: Malaysia
Nyctimene albiventer papuanus: Papua New
Guinea
N. aello aello (wings): Papua New Guinea
N. draconilla: Papua New Guinea
Syconycteris crassa papuana: Papua New
Guinea
- Meristaspis taprobanus* Turk, 1950
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
as syn. of *Ancystropus taprobanus* (Turk)
- Meromenopon meropis* Clay y Meinertzhagen, 1941,
illus.
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
synonymy, description
Merops apiaster: Toledo y Madrid, Espana
- Meromenopon rarum* (Conci) Hopkins y Clay, 1952
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
as syn. of *Meromenopon meropis* Clay y
Meinertzhagen, 1941
- Meropoecus bifrons* (Nitzsch, 1866)
Martin, M. P.; and Gallego, J., 1977, *Graelsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Meropoecus meropis* (Denny, 1842)
- Meropoecus meropis* (Denny, 1842), illus.
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
synonymy, description
Merops apiaster: El Rasillo, Logrono y
Fuencarral, Madrid, Espana
- Meropoecus meropis* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, *Graelsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
synonymy
Merops apiaster: Cataluna, Espana
- Meropsiella apiastri* (Denny) Conci, 1941
Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
as syn. of *Brueelia apiastri* (Denny, 1842)
- Meropsiella apiastri* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, *Graelsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Brueelia apiastri* (Denny, 1842)
- Mesalges johnstoni*
Cooper, C. L.; Madden, J. E.; and Crites,
J. L., 1975, *J. Med. Entom.*, v. 12 (2), 262
Quiscalus quiscula versicolor (feathers):
Franklin Co. and Ottawa Co., Ohio
- Mesalges johnstoni*
Cooper, C. L.; and Troutman, E. L., 1974, *J. Med. Entom.*, v. 11 (2), 233
Molothrus ater ater (feathers): Ohio
- Mesalgoides* sp.
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Dumetella carolinensis: Fort Dix, New Jersey
- Mesoknemidokoptes* gen. nov.
Dodd, K., 1973, *Acarologia*, v. 14 (4), 675-680
Knemidokoptidae, *Knemidokoptinae*
tod: *M. laevis* (Railliet) comb. nov.
- Mesoknemidokoptes laevis* (Railliet) comb. nov.
(tod), illus.
Dodd, K., 1973, *Acarologia*, v. 14 (4), 675-680
Syn.: *Sarcoptes laevis* Railliet, 1885
Streptopelia decaocta: Dunlaoire, Co. Dublin, Ireland
- Mesolaelapinae* new subfamily
Tenorio, J. M.; and Radovsky, F. J., 1974, *J. Med. Entom.*, v. 11 (2), 211-222
Laelapidae
type-genus of subfam.: *Mesolaelaps* Hirst,
1926
- Mesolaelaps* Hirst, 1926 (type-genus of subfam.)
Tenorio, J. M.; and Radovsky, F. J., 1974, *J. Med. Entom.*, v. 11 (2), 211-222
Laelapidae, *Mesolaelapinae* new subfamily
key to females of species
Syn.: *Heterolaelaps* Hirst, 1926
- Mesolaelaps accessoria* n. sp., illus.
Tenorio, J. M.; and Radovsky, F. J., 1974, *J. Med. Entom.*, v. 11 (2), 211-222
key
+marsupial (nest): New Guinea (NE), Morobe
District, 16 km SW of Wau, Mt. Kaindi
Rattus exulans: New Guinea (NE), E Highlands
District, Aiyura, nr Kainantu
- Mesolaelaps anomala* (Hirst, 1926), illus.
Tenorio, J. M.; and Radovsky, F. J., 1974, *J. Med. Entom.*, v. 11 (2), 211-222
key
- Mesolaelaps antipodiana* (Hirst, 1926), illus.
Tenorio, J. M.; and Radovsky, F. J., 1974, *J. Med. Entom.*, v. 11 (2), 211-222
key
- Mesolaelaps australiensis* (Hirst)
Ramsay, G. W.; and Paterson, S. E., 1977,
N. Zealand J. Zool., v. 4 (4), 389-392
Rattus norvegicus: Raoul Island

- Mesolaelaps australiensis*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes fuscipes: Western Australia
R. fuscipes coracius: Queensland
R. lutreolus: New South Wales
R. sordidus: Queensland
R. villosissimus: Queensland
R. tunneyi tunneyi: Northern Territory
R. tunneyi culmorum: Queensland
Hydromys chrysogaster: Queensland
Melomys littoralis: Queensland
all from Australia
- Mesolaelaps australiensis* (Hirst, 1926), illus.
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
key
Syn.: *Laelaps* (*Mesolaelaps*) *australiensis* Hirst, 1926
Rattus ruber: New Guinea
Rattus sp. ("nigerissimus"): New Guinea
R. ruber niger: New Guinea
R. ruber tramitius: New Guinea
R. norvegicus: Kermadec Islands, Raoul I.
Mus musculus: Kermadec Islands, Raoul I.
- Mesolaelaps bandicoota*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: New South Wales
R. lutreolus: Victoria
all from Australia
- Mesolaelaps bandicoota* (Womersley, 1956)
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
key
- Mesolaelaps expansa* n. sp., illus.
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
key
Peroryctes longicauda
Anisomys imitator
all from New Guinea (NE), upper slopes of Mt. Wilhelm, Pungal R.
- Mesolaelaps lagotisina* (Hirst, 1931)
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
synonymy, key
- Mesolaelaps pectinophora* Wilson & Strandtmann, 1963
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
key
- Mesolaelaps sminthopsis* (Womersley, 1954)
Tenorio, J. M.; and Radovsky, F. J., 1974, J. Med. Entom., v. 11 (2), 211-222
key
- Mesonyssus gerschi* n. sp. [nomen nudum], illus.
Feider, Z.; and Mironescu, I., 1972, Acarologia, v. 14 (1), 21-31
Mesonyssus gerschi n. sp., *M. hirsutus*,
Rhinonyssus colymbicola, method of attachment to host nasal mucosa
Ardea purpurea (cavite nasale)
- Mesonyssus hirsutus* Feider, 1962, illus.
Feider, Z.; and Mironescu, I., 1972, Acarologia, v. 14 (1), 21-31
Mesonyssus gerschi n. sp., *M. hirsutus*,
Rhinonyssus colymbicola, method of attachment to host nasal mucosa
Columba livia (cavite nasale)
- Mesonyssus metropeliae* spec. nov., illus.
Fain, A., [1973], Acarologia, v. 14 (3), 1972, 357-364
Metropelia caeciliae (fosses nasales): mort au Zoo d'Anvers
- Mesopsylla*
Goncharov, A. I., 1971, Parazitologiya, Leningrad, v. 5 (4), 369-373
Leptopsyllidae
- Mesopsylla* Dampf, 1910
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Leptopsyllidae, *Mesopsyllinae*, key
- Mesopsylla eucta afghana* Jordan, 1944, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Allactaga williamsi: Afghanistan
- Mesopsylla eucta andruschkoi* Arg., 1946
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[*Allactaga saltator*]
[*Cricetus cricetus*]
[*Allocricetus eversmanni*]
all from northeastern Kazakhstan
- Mesopsylla hebes* I. et R., 1915
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[*Allactaga jaculus*]
[*A. saltator*]
all from northeastern Kazakhstan
- Mesopsylla lenis*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Mesopsyllinae* Wagner, 1939
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Leptopsyllidae, key
key to genera, Afghanistan
- Mesosathes* n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
key, tod: *M. meniscurus* n. sp.
- Mesosathes clypeatus* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturellus obsoletus: Argentine
- Mesosathes meniscurus* n. sp. (tod), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturellus boucardi: Mexique (Vera Cruz)
C. noctivagus: Venezuela; Colombie
C. erythropus: Guyane; Nord-Est du Bresil
- Mesosathes phaylus* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Nothoprocta carrirostris: Equateur (Pr. de Pichincha)
N. cinerascens: Argentine, Pr. de Salta

- Mesosathes rhomboporus* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Rhynchotes rufescens: Bresil (Matto Grosso and Chapada dos Guimares, Matto Grosso)
- Mesosathes schizurus* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturellus soui: Colombie (Petrolea, Santander del Norte and Caqueta, Puerto Venecia); Bresil
C. variegatus: Venezuela
C. bartletti: Perou
- Mesosathes tetrasetosus* (Novaes 1953) [n. comb.], illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
redescription
Syn.: *Neumanniella tetrasetosa*, Novaes 1953
Crypturellus tataupa: Bresil; Argentine; Paraguay
C. parvirostris: Argentine; Bresil
- Mesosathes trigonoporus* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturellus cinnamomeus: Mexique (Papayo and Acapulco)
C. transfasciatus: Equateur
C. undulatus: Bolivie; Bresil
Nothura boraquira: Bresil
- Mesostigmata* Can.
Hallas, T. E., 1978, *Entom. Medd.*, København, v. 46 (1), 27-45
check list of Danish Acari
- Metabinuncus* Fain, 1972
Uchikawa, K., 1978, *Annot. Zool. Japon.*, v. 51 (3), 186-191
description
- Metabinuncus birmanicus* Fain, 1976
Uchikawa, K., 1978, *Annot. Zool. Japon.*, v. 51 (3), 186-191
Hipposideros turpis: Japan
- Metacaligus* Thomsen, 1949 [new rank]
Ho, J. S.; and Bashirullah, A. K. M., 1977, *J. Nat. Hist.*, v. 11 (6), 703-714
tod: *Metacaligus uruguayensis* comb. nov.
key to species
- Metacaligus hilsae* (Shen) [n. comb.]
Ho, J. S.; and Bashirullah, A. K. M., 1977, *J. Nat. Hist.*, v. 11 (6), 703-714
key
- Metacaligus rufus* (Wilson) [n. comb.]
Ho, J. S.; and Bashirullah, A. K. M., 1977, *J. Nat. Hist.*, v. 11 (6), 703-714
key
- Metacaligus uruguayensis* comb. nov. (tod), illus.
Ho, J. S.; and Bashirullah, A. K. M., 1977, *J. Nat. Hist.*, v. 11 (6), 703-714
redescription, key
Syns.: *Caligus* (*Metacaligus*) *uruguayensis* Thomsen, 1949; *C. longicervicis* Gnanamuthu, 1950
Trichiurus lepturus (gill cavity): Gulf of Caraco; Caribbean Sea
- Metastigmata*
Sonenshine, D. E., 1979, *Research Div. Bull.* (139), Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, review
key to families, includes: Argasidae; Ixodidae
- Metastivalius rectus*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Rattus fuscipes coracius: Queensland, Australia
- Metataeniacanthus* Pillai, 1963
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
diagnosis
key to species, females
- Metataeniacanthus aquilonius*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
key
Synodus macrops (gills, pseudobranch): off Kochi, Japan; Gulf of Aden; off Somalia; Arabian Sea; Andaman Sea; off Hong Kong; Formosa Strait; off Owase, Japan; Japan Sea off Shimane Prefecture
- Metataeniacanthus conepigri*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
key
Synodus jaculum (gills, pseudobranch): Palau Island; Comores Islands; Mahe, Seychelles; South China Sea; Blanche Bay, New Britain; near Negros Island, Philippines; Queensland, Australia
- Metataeniacanthus epigri*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
key
Synodus englemani (gill filaments): Bikini; Red Sea near Aquaba; off Zanzibar; Comores Islands; Nossi Be, Malagasy Republic; Caragados Islands; Seychelles; off Male, Maldive Islands; South China sea off Viet Nam; Big Hope Island and Endeavour Reef off Australia; off Philippines; Indonesia; near Trobriand Islands, New Guinea; off New Britain; off Ambon Island; Celebes; Solomon Islands; Marianas Islands; Marshall Islands; Palau Islands; Tonga Islands; Fiji; Samoa; Tahiti; Gambier Islands
- Metataeniacanthus gibbsi*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
key
Synodus indicus (gills): off East Africa; Andaman Sea; Gulf of Mannar, Sri Lanka; Trivandrum and Madras, India; Rawley Shoals, West Australia
- Metataeniacanthus indiscretus*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
key
Synodus sp. (gills, pseudobranch): Andaman Sea; South China Sea; Netherlands Indies (Indonesia)
- Metataeniacanthus nudus*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, *Smithsonian Contrib. Zool.* (296), 1-71
key
Synodus hoshinonis (pseudobranch): Andaman Sea

- Metataeniacanthus pacificus*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Synodus hoshinonis (gills): MacClesfield Bank, South China Sea; Arafura Sea
- Metataeniacanthus solidus*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Synodus variegatus (behind filaments of pseudobranch, operculum inner surface): Wailangilala Island, Fiji; Caroline Islands; Bikini, Marshall Islands; Tonga Islands; Lizard Island, Queensland
- Metataeniacanthus synodi* Pillai, illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key, description
Trachinocephalus myops (gills): Sydney, Australia; Japan; Formosa Strait; China coast; Philippines; off Viet Nam; Gulf of Thailand; Gopaldur, India; Arabian Sea; Mozambique Channel
Synodus indicus (gills): Trivandrum, India
- Metataeniacanthus vulgaris*, n. sp., illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
key
Synodus variegatus (gills): Tutuila Reef, Samoa; off Zanzibar; Seychelles; off Ceylon; off western Sumatra; off China; Philippines; Celebes; Noumea, New Caledonia; off Palau Islands; off Queensland, Australia (Great Barrier Reef); Trobriand Islands, New Guinea; Solomon Islands; Marshall Islands; off Fiji; off Tonga Islands
- Microlabidopus americanus*
Whitaker, J. O., jr.; Maser, C.; and Wallace, W. M., 1979, Northwest Sc., v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Microlynchia pusilla*, illus.
Ayala, S. C.; et al., 1977, Rev. Inst. Med. Trop. S. Paulo, v. 19 (6), 411-416
Haemoproteus, Plasmodium, and hippoboscids ectoparasites of Zenaida auriculata cauae, infection patterns and dove population dynamics, seasonal prevalence
Zenaida auriculata cauae: Cauca River valley, Colombia
- Microthoracius Fahrenholz*, 1916
Dale, W. E.; and Venero, J. L., 1977, Rev. Peruana Entom., v. 20 (1), 93-99
key to species from Pampa Galeras, Ayacucho, Peru
- Microthoracius mazzai* Werneck, illus.
Dale, W. E.; and Venero, J. L., 1977, Rev. Peruana Entom., v. 20 (1), 93-99
key
Lama glama: Pampa Galeras, Ayacucho, Peru
- Microthoracius minor* Werneck, illus.
Dale, W. E.; and Venero, J. L., 1977, Rev. Peruana Entom., v. 20 (1), 93-99
key
Vicugna vicugna
Lama glama
all from Pampa Galeras, Ayacucho, Peru
- Microthoracius praelongiceps* (Neumann), illus.
Dale, W. E.; and Venero, J. L., 1977, Rev. Peruana Entom., v. 20 (1), 93-99
synonymy, key
Vicugna vicugna
Lama glama
all from Pampa Galeras, Ayacucho, Peru
- Microtrombicula*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key, key to species from Surinam
- Microtrombicula* [sp.] nr. *tragulata* (Brennan & Jones, 1961)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Microtrombicula azerbaijanica* Muljarskaja Muliarskaia, L. V., 1972, Parazitologija, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Microtrombicula carmenae* (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Phyllostomus hastatus
Desmodus rotundus
Artibeus lituratus
Noctilio leporinus
all from Surinam
- Microtrombicula fragibarba* (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Herpestes auropunctatus: Surinam
- Microtrombicula jonesae*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Vulpes vulpes: Indiana
- Microtrombicula subtropica* sp. n., illus.
Muliarskaia, L. V., 1973, Parazitologija, Leningrad, v. 7 (4), 312-319
Microtus socialis: sel. Gakhly Dzhililabads-kogo r-na; sel. Uchtapa Dzhililabads-kogo r-na; sel. Gaialy Dzhililabads-kogo r-na; sel. Beliasubar Dzhililabads-kogo r-na; sel. Gezara Lerikskogo r-na; sel. Giul'mamedly Dzhililabads-kogo r-na
Cricetulus migratorius: sel. Uchtapa Dzhililabads-kogo r-na
[no host]: sel. Gulu Dzhebrail'skogo r-na
all from Azerbaidzhan SSR
- Microtrombicula tenmai* n. sp., illus.
Takada, N., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 99-106
Vespertilio orientalis (nasal passages): Budohara Primary School, Tohoku-cho, Aomori Pref.; and Tenmadate Shrine, Tenmabayashimura, Aomori Pref., Japan
- Microtrombicula vespertilionis* n. sp., illus.
Takada, N., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 99-106
Vespertilio orientalis (nasal passages): Budohara Primary School, Tohoku-cho, Aomori Pref., Japan

- Mimicalges g. n.
 Atyeo, W. T.; and Gaud, J., 1971, Folia Parasitol., v. 18 (1), 51-53
 Proctophyllodidae
 tod: Mimicalges pteronyssoides (Trouessart)
 n. comb.
- Mimicalges pteronyssoides (Trouessart), n. g.,
 new comb. (tod), illus.
 Atyeo, W. T.; and Gaud, J., 1971, Folia Parasitol., v. 18 (1), 51-53
 description, male
 Syns.: Proctophyllodes (Alloptes) pteronyssoides Trouessart, 1885; Alloptes pteronyssoides: Canestrini and Kramer, 1899 [et auct.]
 Pipra aureola: Amerique meridionale
 P. erythrocephala: " "
 Chiroxiphia caudata: Argentina; Brazil
- Mioctenopsylla arctica Rotschild 1922
 Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
 +Rissa tridactyla (nest): Jan Mayen Island, Norway
- Mitchella exsula
 Mitchell, R.; and Punzo, F., 1976, J. Bombay Nat. Hist. Soc., v. 73 (1), 84-87
 Pipistrellus babu: Sindu, Nepal
- Mites, lung
 Gibson, L., 1978, Avicult. Mag., v. 84 (1), 56-57
 lung mites, possibly Sternostoma tracheacolum, in Chloebia gouldiae (trachea), symptoms, successfully treated with No-Pest-Strip (19% dichlorvos) hung in cage: imported from England
- Mite
 Watling, D., 1977, Fiji Agric. J., v. 39 (2), 116-117
 Candoia bibronii: Sigatoka Valley, Viti Levu, Fiji Islands
- Miyatrombicula barbatulus sp. n., illus.
 Muliarskaia, L. V., 1973, Parazitologiya, Leningrad, v. 7 (4), 312-319
 Microtus socialis: sel. Uchtapa Dzhallilabadskogo r-na; sel. Giul'mamedly Dzhallilabadskogo r-na
 M. arvalis: sel. Orand Lerikskogo r-na
 Cricetulus migratorius: sel. Beliasuvar Dzhallilabadskogo r-na; sel. Giul'mamedly Dzhallilabadskogo r-na
 Meriones persicus: sel. Divasy Lerikskogo r-na
 M. tristrami: sel. Uchtapa Dzhallilabadskogo r-na
 Mus musculus
 Crocidura russula
 all from Azerbaidzhan SSR
- Miyatrombicula caucasica Muljarskaja
 Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
 Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Miyatrombicula cynos (Ewing)
 Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
 Glaucomys volans: Fort Dix, New Jersey
- Miyatrombicula esoensis (Sasa and Agata)
 Wrenn, W. J., 1974, J. Kansas Entom. Soc., v. 47 (2), 227-238
 chiggers, host-parasite relationships, and ecological preferences
 Tamias striatus
 Tamiasciurus hudsonicus
 Glaucomys sabrinus
 Peromyscus leucopus
 Microtus pennsylvanicus
 Rattus norvegicus
 Napaeozapus insignis
 all from Douglas Lake region, northern Michigan
- Miyatrombicula (Miyacarus) kumadai n. sp.,
 illus.
 Takada, N., 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (4), 295-298
 Glirulus japonicus: Wakinosawa Village, Shimokita-Gun, Aomori Prefecture, Japan
- Miyatrombicula okadai
 Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
 Tokudaia oshimensis
 Rattus rattus
 all from Amami Island, Japan
- Miyatrombicula (Miyacarus) tokyoensis balcanica
 Kolebinova, 1969
 Daniel, M., 1971, Folia Parasitol., v. 18 (2), 170
 Pipistrellus pipistrellus: Austria
- Mjoeberginirmus Eichler, 1944
 Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
 as syn. of subgenus Cummingsiella Ewing 1930
- Mjoeberginirmus klatti (Tim.) 1954
 Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
 Alle alle: Jan Mayen Island, Norway
- Moeopsylla sjoestedti J. & R., 1908
 Smit, F. G. A. M., 1976, Rev. Zool. Africaine, v. 90 (1), 46-52
 Phacochoerus aethiopicus sundevalli: lake Sereri, Tanzania
- Monojoubertia microphylla Robin, 1877
 Jablonska, J., 1970, Acta Parasitol. Polon., v. 18 (42-50), 521-550
 Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
 Phoenicurus ochruros
 P. phoenicurus
 Turdus merula
 Erithacus rubecula
 all from Poland
- Monojoubertia modularis (Berlese, 1895)
 Jablonska, J., 1970, Acta Parasitol. Polon., v. 18 (42-50), 521-550
 Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
 Phoenicurus phoenicurus
 Turdus merula
 T. ericetorum
 Erithacus rubecula
 all from Poland

- Monopsyllus Kolenati*, 1857
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Ceratophyllidae, *Ceratophyllinae*, key
- Monopsyllus anisus*
 Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
 fleas, malformations
 rat: Kweiyang
Rattus flavipectus: Tali, Yunnan
- Monopsyllus ciliatus protinus* (Jordan)
 Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Martes americana
Tamiasciurus hudsonicus
 all from Alaska
- Monopsyllus indages* Rhotsh.
 Zonov, G. B.; and Iakuba, V. N., 1971, *Parazitologia*, Leningrad, v. 5 (3), 289-290
 ectoparasites found in uninhabited tree hollows, possible places of contact with hosts: focus of tick-borne encephalitis in Predbaikal
- Monopsyllus sciurorum*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus: Gory Sowie (Middle Sudetes), Poland
- Monopsyllus sciurorum*
 Haitlinger, R., 1978, *Polskie Pismo Entom.*, v. 48 (3), 287-309
Clethrionomys glareolus
Apodemus tauricus
Dryomys nitedula
Muscardinus avellanarius
 all from west and east Beskid (Poland)
- M[onopsyllus] *sciurorum*
 Jurik, M., 1976, *Acta Univ. Agric., Fac. Agronom.*, Brno, v. 24 (1), 161-169
 avian and mammalian fleas, analysis of exchange of habitats
- Monopsyllus sciurorum asiaticus* (Ioff, 1940), *illus.*
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 synonymy
Dryomys nitedula: Afghanistan
- Monopsyllus sciurorum cophinus* Jordan, 1944, *illus.*
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 as syn. of *Monopsyllus sciurorum asiaticus* (Ioff, 1940)
- Monopsyllus sciurorum sciurorum* (Schrank 1803)
 Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu*, s. C, *Biol. Terr.*, v. 25 (1), 69-86
 Pyrenees-Orientales, France; Barcelona, and Lerida, Spain
- Monopsyllus sciurorum sciurorum* (Schrank)
 Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
Sciurus vulgaris
Apodemus sylvaticus
 all from Ireland
- Monopsyllus sciurorum sciurorum* (Schrank, 1803)
 Suci, M., 1975, *Boll. Mus. Civ. Storia Nat. Verona*, v. 2, 1-12
Asio otus
Sciurus vulgaris
Mustela putorius
 all from Italy
- Monopsyllus vison* (Baker)
 Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Tamiasciurus hudsonicus
Clethrionomys rutilus
 all from Alaska
- Monopsyllus vison* (Baker)
 Holland, G. P., 1979, *Canad. Entom.*, v. 111 (6), 713-719
Martes americana americana: Spruce River Road, Thunder Bay District, Ontario, Canada
- Monopsyllus wagneri* (Baker)
 Barnes, A. M.; et al., 1974, *J. Med. Entom.*, v. 11 (1), 83-87
 flea vectors of plague, control on wild *Peromyscus maniculatus* by use of 2% carbaryl dust in bait stations: Buckhorn Mountain, Larimer County, Colorado
- Monopsyllus wagneri* (Baker)
 Graves, G. N.; et al., 1974, *J. Med. Entom.*, v. 11 (4), 488-498
 fleas of small mammals, abundance, seasonal occurrence, and host preference
Neotoma micropus
Sigmodon hispidus
Peromyscus leucopus
Reithrodontomys megalotis
Sylvilagus audubonii
 all from Chaves County, New Mexico
- Monopsyllus wagneri* (Jordan)
 Jackson, J. O.; and DeFoliart, G. R., 1976, *J. Med. Entom.*, v. 13 (3), 351-356
 fleas, survey of nests of *Peromyscus leucopus*, data for some species on seasonal occurrence, sex ratio, abundance in relation to host sex and nesting activity: southwestern Wisconsin
- Monopsyllus wagneri* (Baker)
 Rutledge, L. C.; et al., 1979, *J. Med. Entom.*, v. 15 (5-6), 452-458
 flea vectors and reservoirs of sylvatic plague, field studies
Peromyscus maniculatus
P. boylei
Microtus californicus
 all from Fort Hunter Liggett, Monterey County, California
- Montesauria cylindrica* (Robin, 1868)
 Jablonska, J., 1970, *Acta Parasitol. Polon.*, v. 18 (42-50), 521-550
 Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
Erithacus rubecula: Poland
- Mothocya epimerica*, *illus.*
 Romestand, B., 1979, *Ann. Parasitol.*, v. 54 (4), 423-448
- Mugilicola Tripathi*, 1960
 Jones, J. B.; and Hine, P. M., 1978, *Zool. Afric.*, v. 13 (2), 213-219
 diagnosis emended

- Mugilicola smithae* n. sp., illus.
Jones, J. B.; and Hine, P. M., 1978, Zool. Afric., v. 13 (2), 213-219
Anguilla mossambica (buccal cavity): Keiskamma River, South Africa
- Multicicola hypoleucus* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
synonymy
Caprimulgus ruficollis: Cataluna, Espana
- Multisetosa*
Shluger, E. G.; and Amanguliev, A., 1972, Parazitologiya, Leningrad, v. 6 (6), 534-539
key to species from Turkmenia
- Multisetosa compta* sp. n., illus.
Shluger, E. G.; and Amanguliev, A., 1972, Parazitologiya, Leningrad, v. 6 (6), 534-539
key
Rhombomys opimus: Central Karakum, Sinekli [Meriones meridianus]
all from Turkmenia
- Multisetosa nitens* sp. n., illus.
Shluger, E. G.; and Amanguliev, A., 1972, Parazitologiya, Leningrad, v. 6 (6), 534-539
key
Cricetulus migratorius
Rhombomys opimus: Kyzyl-Atrek
Meriones persicus
M. erythrorus
Microtus socialis
all from Turkmenia
- Multisetosa pekingensis* sp. n., illus.
Wen, T. H.; and Liu, C. W., 1977, Acta Entom. Sinica, [Transl.], v. 16 (2), 174-176
Syns.: *Acomatacarus major* (Schluger, 1955) sensu Liu 1958; *Leeuwenhoekia major* Schluger, 1955, sensu Liu, Chen et Hsu
Rattus norvegicus (ear): Peking
- Multisetosa pinguis* sp. n., illus.
Shluger, E. G.; and Amanguliev, A., 1972, Parazitologiya, Leningrad, v. 6 (6), 534-539
key
Rhombomys opimus: Central Karakum (Kirpili) and Badkhyz (Akar-Chemshe), Turkmenia
- Musca domestica*
Wills, W.; et al., 1977, Melsheimer Entom. Ser. (23), 15-16
Musca domestica, human (vomitus), enteric myiasis: south central Pennsylvania
- Muscidae [sp.]
Lazarov, E.; Sandovici, E. M.; and Pacurariu, I., 1975, Rev. Chir. (Oftalmologia), Bucuresti, v. 19 (1), 55-58
Muscidae [sp.] larva causing internal ophthalmomyiasis in young girl, larva excised surgically, clinical case report: rural area near Cluj
- Myiasis
Agosti, M.; and Galmozzi, G., 1979, Clin. Vet., Milano, v. 102 (6-7), 494-497
Gasterophilus inermis, horse, rectal myiasis, case report
- Myiasis
Ali-Khan, F. E. A.; and Ali-Khan, Z., 1975, Canad. J. Zool., v. 53 (10), 1472-1476
Phormia regina, human myiasis, hip wound, case report: Montreal, Quebec, Canada
- Myiasis
Barriere, H., 1974, Semaine Hop. Paris, v. 50 (12), 827-829
larva migrans, myiasis, humans who have recently travelled to tropical or subtropical climates, case reports, clinical diagnosis and management with thiabendazole
- Myiasis
Ciolca, Al.; and Zarzara, C., 1979, Rev. Crest. Animalelor, v. 29 (6), 55-59
cutaneous myiasis, ovine, pathogenesis, control, review: Romania
- Myiasis
Frey, H.; and Hinaidy, H. K., 1978, Wien. Tierarztl. Monatsschr., v. 65 (8-9), 256-257
Lucilia sericata in Asio flammeus, facultative wound myiasis: nordlichen Burgenland, Osterreich
- Myiasis
Gass, J. D. M.; and Lewis, R. A., 1976, Tr. Am. Acad. Ophth. and Otolaryngol., v. 81 (3, pt. 1), 483-490
ophthalmomyiasis, humans, migration of maggot through subretinal space producing widespread ophthalmoscopic and fluorescein angiographic changes, case reports
- Myiasis
Herndon, J. H., jr.; and Glicksman, J. M., 1974, Texas Med., v. 70, 90-92
Sarcophaga sp. larva, 66-year-old farmer, myiasis as complication of stasis dermatitis of lower legs, case report
- Myiasis
Hoffman, B. L.; and Goldsmid, J. M., 1970, South African Med. J., v. 44 (22), 644-645
Oestrus ovis first instar larvae causing ophthalmomyiasis in man, case report; phase contrast photomicrographs of larvae: Gwelo, Rhodesia
- Myiasis
Katz, S. I.; and Taylor, R., 1971, South. Med. J., v. 64 (6), 759-760
Dermatobia hominis myiasis, student (buttocks, elbow), case report: University of Miami Health Center, recently returned from field trip to Costa Rica
- Myiasis
Keymer, I. F., 1978, Vet. Rec., v. 103 (25), 548-552
parasitic and other diseases of tortoises, necropsy survey
Geocholone gigantea (nasal orifices)
- Myiasis
Komori, K.; et al., 1978, Tr. Roy. Soc. Trop. Med. and Hyg., v. 72 (5), 467-470
Megaselia spiracularis, third-instar larvae causing myiasis in man's lung, clinical case report: Japan
- Myiasis
Leclercq, M.; and Laurent, P., 1973, Rev. Med. Liege, v. 28 (1), 27-28
Fannia scalaris larvae causing rectal myiasis in man, case report, general clinical review of types of myiasis: Belgium
- Myiasis
Led, J. E.; and Brandetti, E., 1978, Analecta Vet., v. 6-8 (1-3), 1974-75-76, 29-33
Cuterebra sp. in *Chinchilla lanigera* (subcutaneous), eggs or larvae possibly eaten with feed

- Myiasis**
Lim, S. T., 1974, Singapore Dent. J., v. 13 (2), 33-34
myiasis, human oral infestation, clinical aspects, treatment, literature review
- Myiasis**
Madeira, A. A.; et al., 1978, Rev. Catar. Odontol., v. 5 (1), special no., 12-18
oral myiasis, women, case reports, general clinical review
- Myiasis**
Murray, M. D., 1978, Austral. Vet. J., v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Myiasis**
Nielsen, S. A.; Nielsen, B. O.; and Walhovd, H., 1978, Entom. Medd., København, v. 46 (2), 92-94
blowfly myiasis, hedgehogs: Denmark
- Myiasis**
Rakusin, W., 1970, South African Med. J., v. 44 (40), 1155-1157
Oestrus ovis, woman, intraocular infestation, case report: Kalahari Desert
- Myiasis**
Ribbeck, R.; Schroeder, E.; and Schumann, H., 1979, Monatsh. Vet.-Med., v. 34 (10), 383-384
Lucilia sericata, dogs, cats, myiasis, surgical removal and drug treatment
- Myiasis**
Rojas R., L.; Cantillo G., J.; and Osorno-Mesa, E., 1974, Rev. Colomb. Obst. y Ginec., v. 25 (1), 51-56
Callitroga americana causing uterine, cervical and endometrial myiasis in woman with prolapsed uterus, 3 larvae found in uterus after hysterectomy, clinical case report: Colombia
- Myiasis**
Shanahan, G. J.; and Hughes, P. B., 1978, Vet. Rec., v. 103 (26-27), 582-583
Lucilia cuprina, myiasis, sheep, organophosphorus insecticides, residual efficacy against susceptible and resistant larvae, larval implant technique compared with standard analysis: New South Wales
- Myiasis**
Smith, K. G. V.; and Thomas, V., 1979, Tr. Roy. Soc. Trop. Med. and Hyg., v. 73 (3), 349-350 [Letter]
Clogmia albipunctatus causing intestinal myiasis in 7-year-old male child, case report, probably infected by contaminated water: Kuala Lumpur
- Myiasis**
Varkonyi, A.; Megyeri, P.; and Ilyes, M., 1979, Orvosi Hetilap, v. 120 (46), 2807-2808
Fannia scalaris, man, intestinal myiasis, case report
- Myiasis**
Vasallo Matilla, F.; and Olalla Tabar, A., 1976, Rev. San. e Hig. Pub., v. 50 (3-4), 291-312
Oestrus ovis, ocular and nasopharyngeal myiasis reported in 2 sisters who had used wool to stuff a mattress, clinical case reports; electron microscopic study of larval parasites
- Myiasis**
Walhovd, H.; Overgaard Nielsen, B.; and Nielsen, S. A., 1978, Dansk Vet.-Tidsskr., v. 61 (15), 738-739
myiasis in hedgehog, case report
- Myiasis**
Watts, J. E.; Dash, K. M.; and Lisle, K. A., 1978, Austral. Vet. J., v. 54 (7), 352-355
diarrheic feces caused by helminth infection predispose sheep to breech strike, anthelmintic treatment and other management factors reduced incidence of breech strike: New South Wales
- Myiasis**
Watts, J. E.; and Luff, R. L., 1978, Austral. Vet. J., v. 54 (7), 356-357
importance of Mules operation and medium length tails in control of breech strike in scouring Merino sheep: New South Wales
- Myiasis**
Watts, J. E.; Murray, M. D.; and Graham, N. P. H., 1979, Austral. Vet. J., v. 55 (7), 325-334
Lucilia cuprina, sheep, field survey, 1972-76, nature of blowfly strike problem: New South Wales
- Myiasis**
Yamaguchi, N.; Guidugli Neto, J.; and Gama, A. H., 1973, Rev. Med. IAMPSE, v. 4 (1-4), 21-23
anal myiasis with presentation of hemorrhoids, man, case report: Sao Paulo, Brazil
- Myobia chiropteralis** Michael, 1884
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
as syn. of *Neomyobia chiropteralis* (Michael, 1884)
- Myobia etheldredae** Radford, 1954
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
as syn. of *Acanthophthirius* (*Acanthophthirius*) *etheldredae* Perkins, 1925
- Myobia musculi** (Schrank)
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Mus musculus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Myobia musculi**
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Mus musculus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Myobia musculi** (Schrank)
McDaniel, B., 1979, Southwest. Nat., v. 24 (4), 689-691
Peromyscus maniculatus: Aberdeen, Brown Co.; and Brookings, Brookings Co., South Dakota
- Myobia musculi**
Needham, J. R., 1978, J. Inst. Animal Techn., v. 29 (1), 1-15
Myobia musculi, *Myocoptes musculus*, conventional mouse colony, acaricides

- Myobia noctulia* Radford, 1938
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Acanthophthirius* (*Acanthophthirius*) *noctulius* (Radford, 1938)
- Myobia pantopus* Poppe et Trouessart, 1895
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Acanthophthirius* (*Myotimyobia*) *pantopus* (Poppe et Trouessart, 1895) tax. nov.
- Myobia plecotia* Radford, 1938
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Acanthophthirius* (*Acanthophthirius*) *plecotius* (Radford, 1938)
- Myobiidae* Megnin 1877
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: *Acarina*), 145 pp.
Cheyletoidea
- Myobiidae*
Sosnina, E. F., 1972, *Parazitologiya, Leningrad*, v. 6 (5), 444-450
ectoparasites found on fossil *Microtus gregalis* from Pleistocene, gamasid mites identified as *Hyperlaelaps arvalis* and *Hirstionyssus isabellinus*: Indigirka basin, Yakutia
- Myobiids*
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: British Columbia; Utah
Zapus sp.: California
- Myocoptes*
Sosnina, E. F., 1972, *Parazitologiya, Leningrad*, v. 6 (5), 444-450
ectoparasites found on fossil *Microtus gregalis* from Pleistocene, gamasid mites identified as *Hyperlaelaps arvalis* and *Hirstionyssus isabellinus*: Indigirka basin, Yakutia
- Myocoptes* sp.
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Apodemus tauricus
Sorex araneus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Myocoptes* sp.
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus
Sorex araneus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Myocoptes japonensis* Radf.
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Myocoptes japonensis*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Myocoptes japonensis canadensis* Radford, 1955
Gill, D.; and Strandtmann, R. W., 1977, *J. Med. Entom.*, v. 14 (1), 101-106
Dicrostonyx torquatus: Bathurst Island, N. W. T., Canada
- Myocoptes musculus*, illus.
da Costa, U. C.; and Saraiva, D., 1977, *Rev. Centro Cien. Rurais*, v. 7 (4), 417-419
Myocoptes musculus, white mice [in English title; "camundongos brancos (Wistar)" in Portuguese text], treatment with asuntol and neguvon
- Myocoptes musculus*
Fox, I.; and de Leon, D., 1979, *J. Agric. Univ. Puerto Rico*, v. 63 (1), 84-86
Mus musculus: School of Tropical Medicine Animal House, San Juan, Puerto Rico
- Myocoptes musculus* (Koch)
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Apodemus tauricus
Mus musculus
all from Gory Sowie (Middle Sudetes), Poland
- Myocoptes musculus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus
Mus musculus
all from Gory Sowie (Middle Sudetes), Poland
- Myocoptes musculus*
Laltoo, H.; and Kind, L. S., 1979, *Infect. and Immun.*, v. 26 (1), 30-35
Myocoptes musculus-infested oxazolone-sensitized mice, reduction of cellular infiltration in contact sensitivity reactions to oxazolone challenge; ability of serum from infested mice to cause this reduction in cellular influx in mite-free oxazolone-sensitized mice challenged with oxazolone
- Myocoptes musculus*
Laltoo, H.; Van Zoost, T.; and Kind, L. S., 1979, *Immunol. Commun.*, v. 8 (1), 1-9
Myocoptes musculus, mice, positive skin test to mite antigens, kinetics of IgE antibody response to mite antigens, mast cell degranulation by mite extract
- Myocoptes musculus* (Koch)
McDaniel, B., 1979, *Southwest. Nat.*, v. 24 (4), 689-691
Microtus ochrogaster haydeni: Wind Cave Canyon, Wind Cave Nat. Park, Custer Co.; Hot Springs, Fall River Co.; Ipswich, Edmunds Co.
Peromyscus maniculatus nebrascensis: Ipswich, Edmunds Co.; Brookings, Brookings Co.
Mus musculus: Ipswich, Edmunds Co.
Microtus pennsylvanicus: Brookings, Brookings Co.
all from South Dakota

- Myocoptes musculus*
Needham, J. R., 1978, J. Inst. Animal Techn., v. 29 (1), 1-15
Myobia musculi, *Myocoptes musculus*, conventional mouse colony, acaricides
- Myodopsylla* Jordan and Rothschild 1911
Lewis, R. E., 1978, J. Parasitol., v. 64 (3), 524-527
key to species
includes: *Myodopsylla borealis* sp. n.; *M. palposa* (Roths. 1904); *M. wolffsohni* *salvasis* Jordan 1931; *M. w. wolffsohni* (Roths. 1903); *M. globata* Holland 1971; *M. setosa* Johnson 1956; *M. trisellis* Jordan 1929; *M. collinsi* Kohls 1937; *M. isidori* (Weyenbergh 1881); *M. insignis* (Roths. 1903); *M. gentilis* J. & R. 1921; *M. nordina* Traub & Hoff 1951
- Myodopsylla borealis* sp. n., illus.
Lewis, R. E., 1978, J. Parasitol., v. 64 (3), 524-527
Eptesicus fuscus pallidus: 7 mi N, 10 mi W Camp Crook, Carter County, Montana; St. Paul, and Stillwater, Minnesota
- Myodopsylla gentilis* Jordan & Rothschild
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Myotis lucifugus: Alaska
- Myodopsylla insignis* (Rothschild)
Main, A. J.; et al., 1979, Entom. News, v. 90 (3), 135-140
Myotis lucifugus: Connecticut; Massachusetts
- Myodopsylla insignis*
Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
Myotis lucifugus: Shawnee National Forest, southern Illinois
- Myodopsylla tropica* n. sp., illus.
Mendez, E.; and Lemke, T. O., 1979, Proc. Entom. Soc. Wash., v. 81 (4), 657-662
Myotis oxyotis: La Cueva del Indio, in Cueva de los Guacharos Natural National Park, Dept. de Huila, Colombia
- Myonyssus dubinini*
Chernykh, P. A.; Chipanina, V. M.; and Feoktistov, A. Z., 1974, Parazitologiya, Leningrad, v. 8 (5), 426-431
gamasid mites on rodents and in their nests in foci of tick-borne encephalitis, examination for virus, possible role as vectors: Priamur'ia
- Myonyssus feideri* Sol.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Myonyssus ingricus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Apodemus tauricus
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Myonyssus montanus* Furman et Tipton, 1955, illus. Senotrusova, V. N.; and Kapitonov, V. I., 1974, Parazitologiya, Leningrad, v. 8 (1), 15-21
description of male, female, and deutonymph
Ochotona rutila: Zailiiski Ala-Tau, western Tien Shan mountains
- Myonyssus rossicus* Breg.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaiia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Myonyssus rossicus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Apodemus tauricus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Myophthiria reduvioides* group
Watling, D., 1977, Fiji Agric. J., v. 39 (2), 116-117
+*Collocalia spodiopygia* (nest): Sigatoka Valley, Viti Levu, Fiji Islands
- Myotimyobia* Fain, 1972
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
subgen. of *Acanthophthirius*
- Myotrombicula* (*Myotrombicula*) *aselliae* V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Asellia tridens murrayana: Afghanistan
- Myotrombicula* (*Myotrombicula*) *lindbergei* V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Rhinolophus ferrumequinum irani: Afghanistan
- Myotrombicula* (*Myotrombicula*) *megalosa* V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Rhinolophus clivosus bocharicus: Afghanistan
- Myotrombicula* (*Myotrombicula*) *olosa* V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Rhinolophus ferrumequinum irani
R. hipposideros midas
all from Afghanistan
- Myoxopsylla laverani* (Rothschild 1911)
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Lerida, Spain
- Myoxopsylla l. laverani*
Laumond, C.; and Beaucournu, J. C., 1978, Ann. Parasitol., v. 53 (3), 291-302
parasitized by Allantonematidae incertae sedis
+*Eliomys quercinus* (nids): sud-est de la France (Alpes de Haute-Provence)
- Myrsidea*
Klockenhoff, H., 1971, Bonn. Zool. Beitrage, v. 22 (1-2), 131-145
key to species of *Corvus enca*

- Myrsidea* sp.
Watling, D., 1977, *Fiji Agric. J.*, v. 39 (2), 116-117
Pycnonotus cafer: Sigatoka Valley, Viti Levu, Fiji Islands
- Myrsidea anathorax* (Nitzsch, 1866)
Martin, M. P.; and Gallego, J., 1977, *Graellsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
Syn.: *Menopon anathorax* Nitzsch, 1866
Corvus monedula
C. corax
all from Cataluna, Espana
- Myrsidea australiensis* n. sp., illus.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (3-4), 297-304
- Myrsidea australiensis australiensis* n. ssp., illus.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (3-4), 297-304
Corvus c. coronoides: Safety Bay, W. Australia; Lake George, N.S.W. Australia; Perth, W. Australia
C. coronoides tasmanicus: Anthill Ponds, Waterhouse Is., Greens Beach, and Middleton, Tasmania; Kings Is., Bass Str.
- Myrsidea australiensis bennetti* n. ssp.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (3-4), 297-304
Corvus bennetti: S. E. of Geraldton, W. Australia
- Myrsidea borneoensis* n. sp., illus.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (1-2), 131-145
key
Corvus enca compiler: Borneo
- Myrsidea* (*Wolfdietrichia*) *cornicis* de Geer
Mey, E., 1978, *Ang. Parasitol.*, v. 19 (1), 19-20
Myrsidea cornicis, *Gallacanthus kaddoui*, drinking of eye secretions of bird hosts
Corvus c. corone: Schwarzburg, Thur. Wald
- Myrsidea fuscomarginata* (Osborn)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Quiscalus quiscula: Fort Dix, New Jersey
- Myrsidea grandiceps* (Piaget, 1880), illus.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (1-2), 131-145
synonymy, description, key
- Myrsidea grandiceps grandiceps* (Piaget, 1880)
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (1-2), 131-145
description
Corvus enca mangoli
C. enca compiler: Borneo
C. enca pusillus: Brooks Point, Palawan, P. I.
- Myrsidea grandiceps macrorhynchicola* n. ssp., illus.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (1-2), 131-145
Corvus macrorhynchos philippinus: Cebu Is.; N. Bohol Is.; Mindanao; Limont Mati, Davao Prov., Mt. Mayo; Leyte Is.; Soribao, Borongan, Samar
- Myrsidea lehmensicki* n. sp., illus.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (1-2), 131-145
key
Corvus enca pusillus: Brooks Point, Palawan, P. I.; Calatagan, Batanqas, P. I.
- Myrsidea saturata* (Piaget, 1885), illus.
Klockenhoff, H., 1971, *Bonn. Zool. Beitrage*, v. 22 (1-2), 131-145
synonymy, description, key
Corvus enca compiler: Sumatra
- Myrsidea thoracica* (Giebel)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Tangavius aeneus: Fort Dix, New Jersey
- Mytilicola intestinalis* Steuer
Davey, J. T.; Gee, J. M.; and Moore, S. L., 1978, *Marine Biol.*, v. 45 (4), 319-327
Mytilicola intestinalis in *Mytilus edulis*, population dynamics, parasite maturation and breeding, seasonal variation, mortality, environmental temperatures are believed to control parasite developmental cycle: Lynher River, Cornwall, England
- Mytilicola intestinalis*, illus.
Durfort, M., 1978, *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 75, 1977, 71-86
Mytilicola intestinalis from *Mytilus edulis*, female gonad, ultrastructural study, germinal cells during ovogenesis; protozoan parasite in germinal cells
- Mytilicola intestinalis* Steuer
Hrs-Brenko, M.; and Bozic, E., 1967, *Proc. and Tech. Papers, Gen. Fish. Council Mediterranean* (8), 179-183
Mytilicola intestinalis, influence on *Mytilus galloprovincialis* noted only in comparisons of infected and uninfected mussels from same area, decreased meat weight: localities on east Adriatic
- Mytilicola orientalis*
Katkansky, S. C.; Sparks, A. K.; and Chew, K. K., 1967, *Proc. 1966 National Shellfish. Ass.*, v. 57, 50-58
Crassostrea gigas: Humboldt Bay, California; Yaquina Bay, Oregon; Willapa Bay, Oyster Bay, and Hood Canal, Washington
- Naetokepphi* new genus
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: *Naetokepphi ereuneti* new sp.
- Naetokepphi ereuneti* new sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: Acarina), 145 pp.
Ereunetes pusillus: Sapelo Island, Georgia
- Naetokepphi helleri* (Oudemans) new comb.
Kethley, J. B., 1971, A revision of the family *Syringophilidae* Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus helleri* Oudemans, 1904

- Naetokepphi trouessarti* (Oudemans) new comb.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus trouessarti* Oudemans, 1904
- Naetotrikkæ* new gen.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: *Naetrotrikkæ dendroicae* (Clark) n. comb.
- Naetotrikkæ dendroicae* (Clark) new comb. (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus dendroicae* Clark, 1964
- Naobranchia cygniformis* Hesse, 1863, illus.
Manier, J. F.; et al., 1977, Ann. Sc. Nat., Zool. et Biol. Animale, 12 s., v. 19 (4), 439-458
Naobranchia cygniformis, structure of male genital apparatus, spermiogenesis, electron microscopy
Boops boops
Diplodus annularis
Spicara maena (branchies)
all from Sete, France
- Nasicola*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Nasicola annereauxi* Brennan & Yunker, 1969
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Molossus molossus
M. ater
Noctilio labialis
N. leporinus
all from Surinam
- Naubates pterodromi* Bedford, 1930
Palma, R. L.; and Pilgrim, R. L. C., 1977, N. Zealand Entom., v. 6 (3), 290-292
Pterodroma inexpectata: S. W. Promontory, Snares Island, N. Zealand
- Nearctopsylla brooksi* (Rothschild), illus.
Holland, G. P., 1979, Canad. Entom., v. 111 (6), 713-719
Mustela erminea: Atlin, B. C.
- Nearctopsylla grahami* n. sp., illus.
Holland, G. P., 1979, Canad. Entom., v. 111 (6), 713-719
Martes americana americana: Spruce River Road, Thunder Bay District, Ontario, Canada
- Nebula* gen. nov.
Taberner, R., 1977, Physis, Rev. Asoc. Argent. Cien. Nat. (92), v. 36, Seccs. A, B, C, 141-146
Cymothoidae
mt: *N. maculatus* sp. nov.
- Nebula maculatus* gen. nov. sp. nov. (mt), illus.
Taberner, R., 1977, Physis, Rev. Asoc. Argent. Cien. Nat. (92), v. 36, Seccs. A, B, C, 141-146
Metynis maculatus: esteros del Riachuelo, provincia de Corrientes
- Nectobranchia indivisa* Fraser, 1920, illus.
Kabata, Z., 1976, J. Fish. Research Bd. Canada, v. 33 (11), 2507-2525
copepods, description of early larval stages
- Nemesis lamna* Risso, 1826
Hewitt, G. C., 1979, N. Zealand J. Marine and Freshwater Research, v. 13 (1), 171
Carcharodon carcharias (in angles of branchial chamber): Pukerua Bay, near Wellington, New Zealand
- Neoboydaia pternistis* Fain, 1963, illus.
Kaneko, K.; Kadosaka, T.; and Toshioka, S., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 161-165
synonymy, redescription
Bambusicola thoracica thoracica: Sagami-hara and Zama, Kanagawa Pref., Japan
- Neohaematopinus Mjoberg*, 1910
Wegner, Z., 1972, Klucze Oznac. Owad. Polski (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Neohaematopinus baibacinae* Blagoveshcensky, 1965
Sartbaev, S. K., 1974, Entom. Issled. Kirgizii, 95-97
[*Marmota baibacina*]: Kirgiziia
- Neohaematopinus heliosciuri*
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Neohaematopinus palaeartus* Ols.
Sosnina, E. F.; and Davydov, G. S., 1975, Parazitologiya, Leningrad, v. 9 (2), 183-189
Neohaematopinus palaeartus infestation of *Marmota caudata* in relation to geographic regions and vertical zones, season, host activity period (hibernation, reproduction, etc.), host age and sex, age and sex structure of louse populations: Tadzhikistan
- Neohaematopinus sciuri*
Britt, D.; and Molyneux, D. H., 1979, J. Parasitol., v. 65 (3), 408
Sciurus carolinensis: Delamere Forest, Cheshire, England
- Neohaematopinus sciuri* Jancke
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Sciurus carolinensis: Fort Dix, New Jersey
- Neohaematopinus sciuri*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Vulpes vulpes: Indiana
- Neohaematopinus sciurinus* Mjoberg
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Sciurus niger: Fort Dix, New Jersey
- Neohaematopinus sciuropteri* (Osborn)
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Glaucomys volans: Fort Dix, New Jersey

- Neohaematopinus sciuropteri* Osburn
Sonenshine, D. E.; et al., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (2, pt. 1), 339-349
epizootiology of *Rickettsia prowazekii* in *Glaucomys volans*, vector transmission suggested by occurrence of natural infections in *Orchopeas howardii* and *Neohaematopinus sciuropteri*, ecology of ectoparasites associated with *G. volans* (seasonal activity, abundance in nests)
Glaucomys volans: Virginia
- Neolaelaps spinosa*
Mitchell, R.; and Punzo, F., 1976, *J. Bombay Nat. Hist. Soc.*, v. 73 (1), 84-87
Pteropus giganteus: Kathmandu, Nepal
- Neomyobia aberrans* sp. nov., *illus.*
Uchikawa, K., 1978, *Annot. Zool. Japon.*, v. 51 (1), 35-46
Rhinolophus ferrumequinum subspp.: Japan (Akashina Town, Nagano Prefecture; Shiga Village, Nagano Prefecture; Sago, Tsushima, Nagasaki Prefecture; Kumamoto Prefecture; Shimashima-dani, Nagano Prefecture)
- Neomyobia chiropteralis* (Michael, 1884)
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
synonymy
Rhinolophus hipposideros (cou): Belgique
- Neomyobia chiropteralis* Dusbabek, 1963
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Neomyobia chiropteralis* (Michael, 1884)
- Neomyobia emarginatus* Dusbabek, 1963
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Acanthopthirius* (*Myotimyobia*) *emarginatus* (Dusbabek, 1963) tax. nov.
- Neomyobia myoti* Dusbabek, 1963
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Acanthopthirius* (*Myotimyobia*) *myoti* (Dusbabek, 1963)
- Neomyobia pantopus* Radford, 1952
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Acanthopthirius* (*Myotimyobia*) *pantopus* (Poppe et Trouessart, 1895) tax. nov.
- Neomyobia plecotia* Radford, 1952
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Acanthopthirius* (*Acanthopthirius*) *plecotius* (Radford, 1938)
- Neomyobia plurihospitalis* sp. nov., *illus.*
Uchikawa, K., 1978, *Annot. Zool. Japon.*, v. 51 (1), 35-46
Rhinolophus sp.: Iriomote, Okinawa Prefecture, Japan
R. cornutus: Japan (Shimashima-dani, Nagano Prefecture; Otari Village, Nagano Prefecture; Tsushima, Nagasaki Prefecture)
- Neomyobia rollinatti* (Poppe, 1909)
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
synonymy
Rhinolophus ferrumequinum (cou): Belgique
- Neomyobia rollinatti* Radford, 1952
Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
as syn. of *Neomyobia rollinatti* (Poppe, 1909)
- Neonyssus schoutedeni* Fain, 1956
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
as syn. of *Tinaminysus schoutedeni* (Fain)
- Neopsittaconirmus albus* (Le Souef & Bullen), *illus.*
Price, R. D.; and Emerson, K. C., 1978, *Pacific Insects*, v. 18 (1-2), 33-36
redescription
Syn.: *Lipeurus albus* Le Souef & Bullen, 1902
Cacatua galerita: New Guinea
- Neopsittaconirmus shanahani* n. sp., *illus.*
Price, R. D.; and Emerson, K. C., 1978, *Pacific Insects*, v. 18 (1-2), 33-36
Cacatua ducorpsi: Boala ± 20 mi (32 km), Santa Ysabel Is., Solomon Is.
- Neopsylla* Wagner, 1903
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Hystrihopsyllidae, key
key to species, Afghanistan
- Neopsylla bidentatiformis*
Hong, H. K.; Walton, D. W.; and Yoon, Y. H., 1975, *Korean J. Entom.*, v. 5 (2), 17-20
Microtus fortis: Korea
- Neopsylla fukienensis*
Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
fleas, malformations
Rattus fulvescens: Chouning, Fukien
- Neopsylla hissarica* Ioff and Sosnina, 1950, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key
Mus musculus
Rattus rattoides
all from Afghanistan
- Neopsylla nana* [i.e. ? *mana*]
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya, Leningrad*, v. 9 (1), 57-60
+*Alticola strelzovi* (nest): south-eastern Altai
- N[eopsylla] mana*
Voronova, G. A.; and Feoktistov, A. Z., 1978, *Zhurnal Mikrobiol., Epidemiol. i Immunobiol.* (2), 97-100
fleas, *Yersinia pestis* subcultures isolated
- Neopsylla marleaneae* Lewis, 1971
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Rattus rattoides
Apodemus gorkha
Soriculus nigrescens
all from Dhaulagiri region of western Nepal

- Neopsylla pleskei ariana* Ioff, 1946, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
key
Cricetulus migratorius
Ellobius fuscocapillus
Meriones libycus
Apodemus sylvaticus
Rattus rattoides
Microtus afghanus
+*Allactaga williamsi* (burrows)
Ochotona rufescens
all from Afghanistan
- Neopsylla pleskei disjuncta* Mik., 1959
Pakizh, V. I., 1971, *Parazitologiya*, Lenin-
grad, v. 5 (2), 128-136
+[*Lagurus lagurus*] (nest): northeastern
Kazakhstan
- Neopsylla pleskei rossica* I. et Arg., 1934
Pakizh, V. I., 1971, *Parazitologiya*, Lenin-
grad, v. 5 (2), 128-136
[no host]: northeastern Kazakhstan
- Neopsylla rhombosa* sp. nov., *illus.*
Chen, N. Y.; and Wei, S. F., 1978, *Acta Entom.*
Sinica, v. 21 (1), 99-100
Apodemus chevrieri
Rattus coxings andersoni
R. niviventes confucianus
- Neopsylla secura kashmirensis* Kulkarni & Bhat
1972, *new status*
Smit, F. G. A. M., 1977, *Senckenbergiana Biol.*,
v. 58 (1-2), 45-53
Apodemus sylvaticus: Kashmir
- Neopsylla secura secura* Rothschild, 1915
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11
(6), 693-702
Apodemus sylvaticus: Dhaulagiri region of
western Nepal
- Neopsylla secura separata* Smit, 1975
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11
(6), 693-702
Rattus rattoides
R. fulvescens
Apodemus gurkha
Soriculus caudatus
Pitymys sikimensis
all from Dhaulagiri region of western Nepal
- Neopsylla setosa*
Morozov, Iu. A.; Rapoport, L. P.; and Kovtun,
I. P., 1972, *Parazitologiya*, Leningrad, v. 6
(4), 334-337
flea exchange between *Rhombomys opimus* and
Citellus fulvus studied by radioisotope trac-
ing: Prichuisk Muyunkum
- Neopsylla setosa* Wagn., 1898
Pakizh, V. I., 1971, *Parazitologiya*, Lenin-
grad, v. 5 (2), 128-136
[*Citellus major*]
[*Phodopus sungorus*]
[*Arvicola terrestris*]
all from northeastern Kazakhstan
- Neopsylla setosa*
Protopopian, M. G.; et al., 1975, *Parazitolo-
giya*, Leningrad, v. 9 (2), 165-174
specific composition of arthropod popula-
tions inhabiting burrows of *Rhombomys opimus*
in natural plague nidus, different ecological
groups, structure of microbiocenosis: Cas-
pian part of Ural-Embinsk inter-river area
- Neopsylla setosa setosa* (Wagner, 1898), *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
key
Syn.: *Typhlopsylla setosa* Wagner, 1898
Calomyscus bailwardi: Afghanistan
- Neopsylla specialis* subsp.
Li, K. C.; and Wang, D. C., 1977, *Acta Entom.*
Sinica, [Transl.], v. 16 (2), 147-155
fleas, malformations
[no host]: Chungking
- Neoschoengastia americana* (Hirst)
Arnold, K. A., 1970, *Rev. Biol. Trop.*, v. 16
(2), 1968, 259-265
Thryothorus atrogularis: Costa Rica
- Neoschoengastia dalmati* Brennan
Arnold, K. A., 1970, *Rev. Biol. Trop.*, v. 16
(2), 1968, 259-265
Barypthengus ruficapillus costaricensis:
Costa Rica
- Neoschoengastia thomasi* Radf., 1946
Muliarskaia, L. V., 1972, *Parazitologiya*, Len-
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neospeleochir* Fain, 1970
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*,
v. 86 (2), 123-129
Speleognathinae; key
- Neospeleognathopsis* Fain, 1958
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*,
v. 86 (2), 123-129
Speleognathinae; key
- Neotrichodectes arizonae* Werneck
Wilson, N.; and Oliver, G. V., jr., 1979,
Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records
and review of previous records
Conepatus mesoleucus: Texas
- Neotrichodectes interrupto-fasciatus* (Kellogg
and Ferris, 1915)
Whitaker, J. O., jr.; and Goff, R. J., 1979,
Entom. News, v. 90 (1), 23-25
Taxidea taxus: Indiana
- Neotrichodectes interruptofasciatus*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Taxidea taxus: Indiana
- Neotrichodectes interruptofasciatus* (Kellogg &
Ferris)
Wilson, N.; and Oliver, G. V., jr., 1979,
Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records
and review of previous records
Taxidea taxus: Texas
- Neotrichodectes mephitidis* (Packard)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom.*
News, v. 90 (2), 79-87
Mephitis mephitis: Fort Dix, New Jersey
- Neotrichodectes mephitidis*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Mephitis mephitis: Indiana

- Neotrichodectes mephitidis* (Packard, 1972)
Whitaker, J. O., jr.; and Goff, R. J., 1979,
Entom. News, v. 90 (1), 23-25
Mephitis mephitis: Indiana
- Neotrichodectes mephitidis* (Packard)
Wilson, N.; and Oliver, G. V., jr., 1979,
Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records
and review of previous records
Mephitis mephitis: Texas
- Neotrichodectes minutus* (Paine, 1912)
Whitaker, J. O., jr.; and Goff, R. J., 1979,
Entom. News, v. 90 (1), 23-25
Mustela frenata: Indiana
- Neotrichodectes minutus*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Mustela frenata: Indiana
- Neotrichodectes thoracicus* (Osborn)
Wilson, N.; and Oliver, G. V., jr., 1979,
Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records
and review of previous records
Bassariscus astutus: Texas
- Neotrombicula* (*Neotrombicula*) *anthiana* Kolenova, 1969
Daniel, M., 1971, Folia Parasitol., v. 18 (2),
170
Coturnix coturnix: Austria
- Neotrombicula armeniensis* Schlug., 1966
Muliarskaia, L. V., 1972, Parazitologiya, Len-
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neotrombicula autumnalis* (Shaw, 1790), illus.
Garben, A. F. M.; van Bronswijk, J. E. M. H.;
and van Ebbenhorst Tengbergen, T., 1978,
Netherlands J. Zool., v. 28 (2), 193-205
Neotrombicula autumnalis, behaviour of un-
fed and feeding larvae (stability, move-
ments, and sensory physiology of mite clus-
ters; host finding and feeding), localiza-
tion on host
Homo sapiens
Erinaceus europaeus
Sorex araneus
Crocidura russula (nat. and exper.)
Talpa europaea
Oryctolagus cuniculus
Clethrionomys glareolus (nat. and exper.)
Arvicola terrestris
Microtus arvalis (nat. and exper.)
M. agrestis
Micromys minutus
Apodemus sylvaticus (nat. and exper.)
Rattus norvegicus
Mus musculus (nat. and exper.)
Canis familiaris (exper.)
Mustela nivalis
Felis catus
Equus asinus
Capra hircus
Gallus gallus domesticus
Perdix perdix
Columba palumbus
Prunella modularis
Phylloscopus trochilus
Parus major
P. montanus
- Neotrombicula autumnalis* (Shaw, 1790).-- Contin-
ued.
Garben, A. F. M.; van Bronswijk, J. E. M. H.;
and van Ebbenhorst Tengbergen, T., 1978,
Netherlands J. Zool., v. 28 (2), 193-205
Certhia brachydactyla
Troglodytes troglodytes
Erithacus rubecula
Muscicapa striata
Turdus merula
T. philomelos
Passer domesticus
all from the Netherlands
- Neotrombicula autumnalis* (Shaw)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Mus musculus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Neotrombicula autumnalis*
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Mus musculus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Neotrombicula autumnalis* Schaw, 1790
Muliarskaia, L. V., 1972, Parazitologiya, Len-
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neotrombicula californica*
Whitaker, J. O., jr., 1979, Am. Midland Natu-
ralist, v. 101 (1), 49-60
ectoparasites of Zapus spp., evolutionary
and zoogeographical relationships: western
North America
Zapus princeps: Wyoming
- Neotrombicula cavicola*
Whitaker, J. O., jr., 1979, Am. Midland Natu-
ralist, v. 101 (1), 49-60
ectoparasites of Zapus spp., evolutionary
and zoogeographical relationships: western
North America
Zapus trinotatus: British Columbia; Washing-
ton
- Neotrombicula dubinini* Schl.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-
skaia, A. G., 1977, Vestsi Akad. Navuk BSSR,
s. Bial. Navuk (5), 104-109
[Clethrionomys glareolus]
[Apodemus flavicollis]
all from Belorussian Polesia
- Neotrombicula harperi*
Whitaker, J. O., jr., 1979, Am. Midland Natu-
ralist, v. 101 (1), 49-60
ectoparasites of Zapus spp., evolutionary
and zoogeographical relationships: western
North America
Zapus hudsonius: British Columbia; Minne-
sota
Z. trinotatus: California; British Colum-
bia; Oregon

- Neotrombicula harperi* (Ewing)
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*,
v. 47 (2), 227-238
chiggers, host-parasite relationships, and
ecological preferences
Melospiza melodia
Lepus americanus
Eutamias minimus
Tamiasciurus hudsonicus
Glaucomys sabrinus
Peromyscus leucopus
Clethrionomys gapperi
Microtus pennsylvanicus
Napaeozapus insignis
all from Douglas Lake region, northern
Michigan
- Neotrombicula inopinata* (Oudem.)
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Glis glis
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Neotrombicula inopinata*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Neotrombicula japonica* Tanaka et al., 1930
Muliarskaia, L. V., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neotrombicula lipovskyi*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus: Indiana
- Neotrombicula microti*
Whitaker, J. O., jr., 1979, *Am. Midland Natu-*
ralist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary
and zoogeographical relationships: western
North America
Zapus hudsonius: British Columbia; Minne-
sota
Z. princeps: Alberta; British Columbia;
North Dakota
Z. trinotatus: California; British Columbia;
Oregon
- Neotrombicula microti*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Procyon lotor: Indiana
- Neotrombicula microti* (Ewing)
Wrenn, W. J., 1974, *J. Kansas Entom. Soc.*,
v. 47 (2), 227-238
chiggers, host-parasite relationships, and
ecological preferences
Seiurus aurocapillus
Melospiza melodia
Tamiasciurus hudsonicus
Microtus pennsylvanicus
Ondatra zibethicus
Zapus hudsonius
all from Douglas Lake region, northern
Michigan
- Neotrombicula obscura* Schlug. et David., 1967
Muliarskaia, L. V., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neotrombicula rostrata* sp. n., illus.
Muliarskaia, L. V., 1973, *Parazitologiya, Len-*
ingrad, v. 7 (4), 312-319
Apodemus sylvaticus: sel. Dzhiil Lenkorans-
kogo r-na; selo Dzherimbel Iardymlinskogo
r-na; okrestnosti g. Lenkorani
Microtus schelkovnikovi: sel. Shovi Len-
koranskogo r-na
[Soricidae]: sel. Archivan Astarinskogo r-na
Microtus socialis: Lenkoranskaia prirodnaia
oblast
Crocidura russula: Lenkoranskaia prirodnaia
oblast
all from Azerbaidzhan SSR
- Neotrombicula sevaniensis* Kudrjasch., 1965
Muliarskaia, L. V., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neotrombicula talmiensis* Schlug., 1955
Muliarskaia, L. V., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neotrombicula vulgaris* Schlug., 1955
Muliarskaia, L. V., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety
in foothill, mountain, and alpine zones com-
pared: Caucasus Minor, Azerbaidzhan
- Neotrombicula whartoni* (Ewing)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom.*
News, v. 90 (2), 79-87
Sylvilagus floridanus: Fort Dix, New Jersey
- Neotrombicula whartoni*
Jacobson, H. A.; Kirkpatrick, R. L.; and
McGinnes, B. S., 1978, *Wildlife Monogr.* (60),
53 pp.
disease and physiologic characteristics of
cottontail rabbits in 2 study areas in re-
lation to population density, includes data
on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Neotrombicula whartoni*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Vulpes vulpes
Procyon lotor
Mustela vison
Mephitis mephitis
all from Indiana

- Neotrombicula whartoni*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Neotrombicula zachvatkini*
Frank, C., 1977, Ztschr. Parasitenk., v. 53 (3), 251-254
Hepatozoon erhardovae, incidence in Clethrionomys glareolus (blood), distribution of schizonts in lungs; accumulation of gametocytes in Ixodes ricinus (nat. and exper.) or *Neotrombicula zachvatkini* (nat. and exper.) after biting heavily infected *C. glareolus*; occasionally transmitted to non-specific host, *Apodemus flavicollis* (exper.), but only by specific vector, *Megabothris turbidus* (exper.): South-Western Styria and areas around Neusiedlersee
- Neotrombicula zachvatkini* Schlug.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Mus musculus
Sorex araneus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Neotrombicula zachvatkini*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Mus musculus
Sorex araneus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Neotrombicula zapi*
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus hudsonius: British Columbia
Z. princeps: Alberta; British Columbia
Z. trinotatus: California; British Columbia; Washington
- Neottialges (Caloenectes) ciconiarum* Fain, 1974
Fain, A.; and Kigaye, M., 1976, Rev. Zool. Africaine, v. 90 (1), 30-32
Leptoptilus crumeniferus (fascia along thighs): Kampala, Uganda
- Neottialges (Caloenectes) ciconiarum* Fain, 1974
Kigaye, M. K., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 295-298
Leptoptilos crumeniferus (subcutaneous tissue of thighs, and femero-tibial joint): Mukuno abattoir, about 16 km from Kampala, Uganda
- Neottialges (Pelecanectes) ibisicola* sp. n., illus.
Young, V. E.; and Pence, D. B., 1979, J. Parasitol., v. 65 (4), 659-661
Plegadis chihi (subcutaneous tissues of axillae and groin): Lubbock County, Texas
- Neottialges (Pelecanectes) leptoptilus* sp. n., illus.
Fain, A.; and Kigaye, M., 1976, Rev. Zool. Africaine, v. 90 (1), 30-32
Leptoptilus crumeniferus (fascia along thighs): Kampala, Uganda
- Neottialges (Pelecanectes) leptoptilus* sp. n. (Fain and Kigaye, 1976)
Kigaye, M. K., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 295-298
Leptoptilos crumeniferus (subcutaneous tissue): Mukuno abattoir, about 16 km from Kampala, Uganda
- Nerocila maculata*, illus.
Romestand, B., 1979, Ann. Parasitol., v. 54 (4), 423-448
- Nerocila orbignyi* (Guerin-Meneville, 1829), illus.
Romestand, B., 1979, Ann. Parasitol., v. 54 (4), 423-448
Cymothoidae of teleost fish, hematophagy, host immune response, biochemical, histological, haematological, and biometrical (growth) changes in infected hosts
Chelon labrosus
Liza aurata
all from Herault
- Nesippus orientalis* Heller, 1868
Hewitt, G. C., 1979, N. Zealand J. Marine and Freshwater Research, v. 13 (1), 171
Carcharodon carcharias (in angles of branchial chamber): Pukerua Bay, near Wellington, New Zealand
- Nesolagobius callosus*
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Hoplopsyllus pectinatus sp. nov., *Cediopsylla tepolita* sp. nov., adaptation to host (a Paleolaginae rabbit), striking examples of slow evolution of parasites of "living fossil"; similarity with *Nesolagobius callosus*, a species of flea parasitic on *Nesolagus* (an Old World Paleolaginae rabbit) belonging to the Archaeopsyllinae rather than the Spilopsyllinae
- Neumannella Trouessart* 1915
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Dermoglyphidae
- Neumannella apodemata* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturellus soui: Costa-Rica (Finca Taboga, Pr. Guanacaste)
- Neumannella chelifera* (Trouessart & Neumann 1888)
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
synonymy
Crypturellus soui (remiges): Finca Taboga, Pr. Guanacaste

- Neumannella tinamidarum* (Berla 1960), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
description, distinct species
- Neumannia chelifer*, Trouessart & Neumann 1888
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
as syn. of *Neumannella chelifer* (Trouessart
& Neumann 1888)
- Neumanniella chelifer*, Radford, 1953 [et auct.]
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
as syn. of *Neumannella chelifer* (Trouessart
& Neumann 1888)
- Neumanniella tetrasetosa*, Novaes 1953
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], *Acarologia*, v. 14 (3), 1972, 393-453
as syn. of *Mesosathes tetrasetosus* (Novaes
1953) [n. comb.]
- Nirmoides Eichler*, 1944
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus.*
u. *Inst.*, v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Nirmus Nitzsch*, nec Hermann, 1804, pro parte
Tendeiro, J., 1977, *Garcia de Orta, s. Zool.*,
v. 6 (1-2), 47-50
as syn. of *Degeeriella* Neumann
- Nirmus Nitzsch*, 1818 (part.)
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus.*
u. *Inst.*, v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Nirmus aeruginosi* Denny, 1842
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Degeeriella fusca* (Denny, 1842)
- Nirmus albicillae* Denny, 1852
Zlotorzycska, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion tinnunculi laticolle*
Denny, 1842
- Nirmus apiastri* Denny, 1842
Martin Mateo, M. P., 1978, *Rev. Iber. Parasit-*
ol., v. 38 (1-2), 385-402
as syn. of *Brueelia apiastri* (Denny, 1842)
- Nirmus apiastri* Denny, 1842
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Brueelia apiastri* (Denny, 1842)
- Nirmus cephaloxys* Nitzsch, 1866
Martin Mateo, M. P., 1978, *Rev. Iber. Parasit-*
ol., v. 38 (1-2), 385-402
as syn. of *Alcedoffula alcedinis* (Denny,
1842)
- Nirmus flammiae* Denny, 1852
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Strigiphilus rostratus* (Burmeister,
1838)
- Nirmus fulvofasciatus* Grube
Blagoveshchenskii, D. I., 1970, *Parazitolo-*
giia, Leningrad, v. 4 (6), 542-543
independent species, not identical with
Degeeriella terekiae Blagoveshchensky, 1948
Syn.: *Nirmus scalaris* Piaget, 1880
- Nirmus fusca* Denny, 1842
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Degeeriella fusca* (Denny, 1842)
- Nirmus hasticeps* Olfers, 1816
Zlotorzycska, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion t. tinnunculi*
(Linnaeus, 1758)
- Nirmus hypoleucus* Denny, 1842
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Mulcticola hypoleucus* (Denny,
1842)
- Nirmus melanophrys* Nitzsch, 1866
Martin Mateo, M. P., 1978, *Rev. Iber. Parasit-*
ol., v. 38 (1-2), 385-402
as syn. of *Upupicola upupae* (Schrank, 1803)
- Nirmus melanophrys* Nitzsch, 1866
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Upupicola upupae* (Schrank, 1803)
- Nirmus pterocephalus* Olfers, 1816
Zlotorzycska, J., 1972, *Klucze Oznac. Owad.*
Polski (75), Sect. 15, 57 pp.
as syn. of *Ricinus r. rubeculae* (Schrank,
1776)
- Nirmus rufa* Burmeister, 1838
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Degeeriella rufa* (Burmeister,
1838)
- Nirmus scalaris* Piaget, 1880
Blagoveshchenskii, D. I., 1970, *Parazitolo-*
giia, Leningrad, v. 4 (6), 542-543
as syn. of *Nirmus fulvofasciatus* Grube
- Nirmus socialis* Giebel, 1874
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Degeeriella fusca* (Denny, 1842)
- Nirmus subcuspidatus* Burmeister, 1838
Martin Mateo, M. P., 1978, *Rev. Iber. Parasit-*
ol., v. 38 (1-2), 385-402
as syn. of *Capraeiella subcuspidata* (Bur-
meister, 1838)
- Nirmus varia* Burmeister, 1838
Martin, M. P.; and Gallego, J., 1977, *Grael-*
isia, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
as syn. of *Brueelia varia* (Burmeister, 1838)
- Nitzschiella Keler*, 1939
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas*
Entom. Soc., v. 51 (2), 307-327
as syn. of *Coloceras Taschenberg*, 1882
- Nitzschiella lativentris* (Uchida), Keler, 1939
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas*
Entom. Soc., v. 51 (2), 307-327
as syn. of *Coloceras lativentre* (Uchida,
1916)
- Nosomma monstrosum*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C.,
1979, *Indian J. Animal Sc.*, v. 49 (9), 707-712
Mus booduga
Bubalus bubalis
all from Orissa state, India

- Nosopon Hopkins
Steyskal, G. C., 1979, Proc. Entom. Soc. Wash.,
v. 81 (2), 325
should be considered as neuter gender
- Nosopon australiense
Steyskal, G. C., 1979, Proc. Entom. Soc. Wash.,
v. 81 (2), 325
[emendation of]: Nosopon australiensis
Price, 1976
- Nosopon australiensis Price, 1976
Steyskal, G. C., 1979, Proc. Entom. Soc. Wash.,
v. 81 (2), 325
[emended to]: Nosopon australiense
- Nosopon chanabense
Steyskal, G. C., 1979, Proc. Entom. Soc. Wash.,
v. 81 (2), 325
[emendation of]: Nosopon chanabensis
- Nosopon chanabensis
Steyskal, G. C., 1979, Proc. Entom. Soc. Wash.,
v. 81 (2), 325
[emended to]: Nosopon chanabense
- Nosopsyllus Jordan, 1933
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
Ceratophyllidae, Ceratophyllinae, key
key to subgenera, Afghanistan
- Nosopsyllus s. str.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
subgen. of Nosopsyllus, key
key to species, Afghanistan
- Nosopsyllus (Nosopsyllus) aegaeus n. sp., illus.
Peus, F., 1978, Senckenbergiana Biol., v. 59
(1-2), 71-78
Rattus rattus: Pigadia, Insel Karpathos,
Sporaden/S-Agais, Griechenland
Apodemus mystacinus: Aperi and Pigadia,
Insel Karpathos, Sporaden/S-Agais, Grie-
chenland
- Nosopsyllus (Gerbillophilus) afghanus Peus, 1957
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
as syn. of Nosopsyllus (Gerbillophilus)
turkmenicus afghanus Peus, 1957 new status
- Nosopsyllus barbarus (Jordan & Rothschild, 1912)
Suci, M., 1975, Boll. Mus. Civ. Storia Nat.
Verona, v. 2, 1-12
+Rattus rattus (nest)
Mustela putorius
all from Italy
- Nosopsyllus (Nosopsyllus) consimilis, illus.
Goncharov, A. I.; et al., 1974, Parazitolo-
giia, Leningrad, v. 8 (4), 348-352
Nosopsyllus consimilis and Callopsylla cas-
pia infected with Pasteurella pestis, changes
in proventriculus
- Nosopsyllus (Gerbillophilus) eremicus new
species, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Meriones crassus: 16-25 km. SW Qala Bist,
and 16 km. E. Girishk, Afghanistan
Vulpes vulpes: 16-25 km. SW Qala Bist,
Afghanistan
- Nosopsyllus (Nosopsyllus) fasciatus (Bosc
d'Antic 1801)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1),
69-86
Pyrenees-Orientales, France; Lerida, Barce-
lona, and Tarragona, Spain
- Nosopsyllus fasciatus
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland
- Nosopsyllus fasciatus
Haitlinger, R., 1978, Polskie Pismo Entom.,
v. 48 (3), 287-309
Clethrionomys glareolus
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
Mus musculus
all from west and east Beskid (Poland)
- Nosopsyllus fasciatus
Jurik, M., 1976, Acta Univ. Agric., Fac. Agro-
nom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of ex-
change of habitats
- Nosopsyllus fasciatus (Bosc), 1800
King, C. M., 1976, J. Zool., London, v. 180
(4), 525-535
fleas of Mustela nivalis, seasonal distribu-
tion, host specificity, origin of fleas on
host: Wytham Woods, near Oxford
- Nosopsyllus fasciatus
Laumond, C.; and Beaucournu, J. C., 1978,
Ann. Parasitol., v. 53 (3), 291-302
parasitized by Psyllotylenchus sp.
Apodemus sylvaticus: Espagne (Villalon de
Campos, Province de Valladolid)
- Nosopsyllus fasciatus
Lustosa, E. de S.; et al., 1973, Rev. Patol.
Trop., v. 2 (4), 397-399
Canis familiaris: Goiania, Brazil
- Nosopsyllus fasciatus (Bosc)
Main, A. J.; et al., 1979, Entom. News, v. 90
(3), 135-140
Didelphis virginiana: Connecticut
- Nosopsyllus fasciatus (Bosc, 1800)
Suci, M., 1975, Boll. Mus. Civ. Storia Nat.
Verona, v. 2, 1-12
+Rattus norvegicus (nest)
Clethrionomys glareolus
all from Italy
- Nosopsyllus (Nosopsyllus) fidus (Jordan and
Rothschild, 1915), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Syn.: Ceratophyllus fidus Jordan and Roths-
child, 1915
Rattus rattoides: Afghanistan

- Nosopsyllus (*Gerbillophilus*) *henleyi henleyi* (Rothsch.)
Misonne, X., 1977, Ann. Soc. Belge Med. Trop., v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Meriones shawi: Libye
- ? *Nosopsyllus* (*Gerbillophilus*) *henleyi henleyi* (Rothsch.)
Misonne, X., 1977, Ann. Soc. Belge Med. Trop., v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Mus musculus: Libye
- Nosopsyllus* (*Gerbillophilus*) *laeviceps* (Wagner, 1909), *illus.*
Goncharov, A. I., 1972, Parazitologia, Leningrad, v. 6 (5), 465-468
Nosopsyllus laeviceps, *Amphipsylla kuznetzovi*, castrated males, abdominal structure, implications for normal structure, corroboration of Wagner's 12-segment scheme of abdominal structure of fleas
- Nosopsyllus* (*Gerbillophilus*) *laeviceps consors* (Roths., 1913)
Goncharov, A. I., 1973, Parazitologia, Leningrad, v. 7 (6), 545-550
validity; distribution
- Nosopsyllus* (*Gerbillophilus*) *laeviceps gorganus* Klein, 1963
Goncharov, A. I., 1973, Parazitologia, Leningrad, v. 7 (6), 545-550
validity; distribution
- Nosopsyllus nicanus*, *illus.*
Li, K. C.; and Wang, D. C., 1977, Acta Entom. Sinica, [Transl.], v. 16 (2), 147-155
fleas, malformations
rat: Fukien
Rattus losea: Chienyang, Fukien: Wunchou, Chekiang
- Nosopsyllus* (*Nosopsyllus*) *punjabensis* (Jordan and Rothschild, 1921), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: *Ceratophyllus punjabensis* Jordan and Rothschild, 1921
Rattus rattoides
Nesokia indica
Vulpes vulpes
Tatera indica
Meriones persicus
Herpestes auropunctatus
Felis chaus
Suncus murinus
Calomyscus bailwardi
all from Afghanistan
- Nosopsyllus* (*Nosopsyllus*) *simla* (Jordan and Rothschild, 1921), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: *Ceratophyllus simla* Jordan and Rothschild, 1921
Mus musculus
Rattus rattoides
all from Afghanistan
- Nosopsyllus* (*Nosopsyllus*) *simla* (Jordan & Rothschild 1921)
Smit, F. G. A. M., 1977, Senckenbergiana Biol., v. 58 (1-2), 45-53
Apodemus sylvaticus
Mus musculus
all from Kashmir
- Nosopsyllus* (*Nosopsyllus*) *simla* (Jordan & Rothschild, 1921)
Smit, F. G. A. M., 1978, J. Nat. Hist., v. 11 (6), 693-702
Rattus rattoides: Dhaulagiri region of western Nepal
- Nosopsyllus* (*Gerbillophilus*) *turkmenicus afghanus* Peus, 1957 new status, *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Syn.: *Nosopsyllus* (*Gerbillophilus*) *afghanus* Peus, 1957
Meriones libycus
Vulpes vulpes
Allactaga hotsoni
+*Jaculus blanfordi* (nest, burrow)
Calomyscus bailwardi
Gerbillus nanus
Meriones crassus
Tatera indica
Meriones persicus
Cricetulus migratorius
all from Afghanistan
- Nosopsyllus* (*Gerbillophilus*) *turkmenicus altisetus* (Ioff, 1950), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Mus musculus: Afghanistan
- Nosopsyllus* (*Gerbillophilus*) *turkmenicus turkmenicus* (Vlasov and Ioff, 1937), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: *Ceratophyllus laeviceps turkmenicus* Vlasov and Ioff, 1937
- Nosopsyllus* (*Gerbillophilus*) *vlasovi* (Ioff, 1940), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: *Ceratophyllus vlasovi* Ioff, 1940
Meriones libycus
M. persicus
all from Afghanistan
- Nosopsyllus wualis*, *illus.*
Li, K. C.; and Wang, D. C., 1977, Acta Entom. Sinica, [Transl.], v. 16 (2), 147-155
fleas, malformations
Rattus norvegicus: Kweiyang
- Nothobomolochus* Vervoort, 1962
Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
Nothobomolochus, species, host, and geographic distribution reviewed; diagnosis; key to species, includes: *Nothobomolochus kanagurta* (Pillai); *N. ovalis* G. Avdeev; *N. epulus* Vervoort; *N. lateolabracis* (Yamaguti et Yamasu); *N. teres* (Wilson); *N. fradei* Marques; *N. denticulatus* (Basset-Smith); *N. gibber* (Shiino); *N. paruchini* G. Avdeev; *N. oxyporhamphi* G. Avdeev; *N. scomberesocis* (Kroeyer); *N. multispinosus* (Gnanamuthu);

- Nothobomolochus Vervoort, 1962.-- Continued.
 Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus exocoeti G. Avdeev; N. cypseluri indicus G. Avdeev; N. c. cypseluri (Yamaguti); N. chilensis G. Avdeev; N. cornutus (Claus); N. gazzae (Shen); N. atlanticus G. Avdeev; N. elegans G. Avdeev; N. saetiger (Wilson); N. tricerus (Basset-Smith); N. digitatus Cressey; N. quadriceros Pillai
- Nothobomolochus atlanticus sp. n., illus. Avdeev, G. V., 1978, Biol. Moria, Vladivostok (1), 24-35
 Exocoetus volitans (gills): tropical waters of Atlantic Ocean
- Nothobomolochus chilensis sp. n., illus. Avdeev, G. V., 1974, Parazitologiya, Leningrad, v. 8 (1), 39-44
 Scomberosx saurus (gills): south-eastern Pacific Ocean
- Nothobomolochus chilensis Avdeev, 1974 Avdeev, G. V., 1978, Biol. Moria, Vladivostok (1), 24-35
 Cyclosturus furcatus (gills): tropical waters of Atlantic Ocean
- Nothobomolochus cornutus (Claus, 1864) Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus epulus Vervoort Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus exocoeti sp. n., illus. Avdeev, G. V., 1978, Biol. Moria, Vladivostok (1), 24-35
 Exocoetus volitans (gills): tropical waters of Atlantic Ocean
- Nothobomolochus fradei nov. sp., illus. Marques, E., 1965, Garcia de Orta, v. 13 (2), 185-192
 Sardinella maderensis: S. Tome Island (Guinea Gulf)
- Nothobomolochus fradei Marques, 1965 Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus gazzae (Shen, 1957) Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus gerrisi sp. nov., illus. Pillai, N. K., 1973, Indian J. Fish., v. 20 (3), 487-496
 Gerrus filamentosus (inner surface of opercle): Kerala coast
- Nothobomolochus lateolabracis (Yamaguti et Yasu, 1959) Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus multispinosus (Gnanamuthu, 1949) Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus paruchini sp. n., illus. Avdeev, G. V., 1978, Biol. Moria, Vladivostok (1), 24-35
 Exocoetus volitans (gills): tropical waters of Atlantic Ocean
- Nothobomolochus quadriceros sp. nov., illus. Pillai, N. K., 1973, Indian J. Fish., v. 20 (3), 487-496
 Gazza minuta (inner surface of opercle): Kerala coast
- Nothobomolochus quadriceros Pillai Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus saetiger (Wilson, 1911) Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus scomberesocis (Kroeber, 1864) Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Nothobomolochus teres (Wilson, 1911) Avdeev, G. V., 1978, Biol. Moria, Vladivostok (3), 39-45
- Notoedres cati, illus. Fletcher, K. C., 1978, J. Am. Vet. Med. Ass., v. 173 (9), 1231-1232
 Notoedres cati in Uncia uncia (skin), intense pruritus with resulting alopecia, lime-sulfur solution and sulfur ointment healed all lesions without complications: zoo
- Notoedres cati Hatsushika, R.; Miyoshi, K.; and Shimizu, M., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (3), 289-291
 humans, 5 cases: Japan
- Notoedres cati genus close to Lynxacarus Munro, R., 1978, Fiji Agric. J., v. 40 (2), 91-96
 cats: Fiji
- Notoedres muris McKenzie, R. A.; Green, P. E.; and Knox, E., 1976, J. Wildlife Dis., v. 12 (4), 486-487
 Melomys cervinipes (ears): Eighteen Mile Swamp, North Stradbroke Island off eastern Australian coast
- Notoedres muris (Megnin, 1877) Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
 Arvicola sapidus: Villanueva de los Escuderos, Cuenca, Espana
- Novotrombicula owiensis Womersley and Kohls, 1947, illus. Goff, M. L., 1978, J. Parasitol., v. 64 (5), 886-890
 redescription
 Varanus sp.: Bupu Riv, Sitium Vill, 20 km NE of Lae, Morobe Distr., Papua New Guinea
- Nycteribia schmidtii schmidtii [i.e.? schmidtii] Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
 Miniapterus minor: Kenya
- Nycteribiid, African Miller, P. L., 1977, J. Insect. Physiol., v. 25 (7), 855-860
 Crataerina pallida, haltere activity and possible functions in this flightless hippoboscid fly, very brief observations on Melophagus ovinus (halteres absent), Hippobosca equina, and an apterous African nycteribiid

- Nycteribiidae* g. sp.
Tagil'tsev, A. A., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus
M. mistacinus
all from Zaisansk region, Eastern Kazakhstan oblast
- Nycteribosca africana*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, *J. Mamm.*, v. 59 (3), 632-634
Hipposideros commersoni: Kenya
- Nycteribosca bequaerti*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, *J. Mamm.*, v. 59 (3), 632-634
Rousettus lanosus: Kenya
- Nycteribosca modesta*
Mitchell, R.; and Punzo, F., 1976, *J. Bombay Nat. Hist. Soc.*, v. 73 (1), 84-87
Cynopterus sphinx: Sankhuwasabha, Nepal
- Nycteribosca proxima*
Mitchell, R.; and Punzo, F., 1976, *J. Bombay Nat. Hist. Soc.*, v. 73 (1), 84-87
Rhinolophus lepidus: Sindu, Nepal
- Nycteriglyphus caetanoi* sp. n., illus.
Fain, A.; and Flechtmann, C. H. W., 1978, *Rev. Brasil. Biol.*, v. 38 (3), 555-558
bat guano: Piracicaba, Brazil
- Nycterophilia fairchildi* Wenzel, illus.
Jiron P., F.; and Fallas B., F., 1974, *Rev. Biol. Trop.*, v. 22 (1), 67-70
description
Pteronotus davyi: Cueva El Encanto, Playa Zapotillal, Santa Cruz, Provincia de Guanacaste, Costa Rica
- Obtusifrontia falcata* new species, illus.
Mardon, D. K., 1978, *Zool. Mededel. Rijksmus. Nat. Hist.*, Leiden, v. 53 (1), 10 pp.
Stenomys sp.: Letterbox Camp, 3600 m, near Mt. Wilhelmina, Dutch New Guinea (West Irian)
Pogonomelomys rueemleri: Letterbox Camp, 3700 m
- Obtusifrontia simula* new species, illus.
Mardon, D. K., 1978, *Zool. Mededel. Rijksmus. Nat. Hist.*, Leiden, v. 53 (1), 10 pp.
Neophascogale lorentzii: Letterbox Camp, 3600 m, Dutch New Guinea (West Irian)
- Odontacarus*
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
- Odontacarus*
Shluger, E. G.; and Amanguliev, A., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 534-539
key to species from Turkmenia
- Odontacarus* sp.
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Uromys caudimaculatus: Queensland, Australia
- Odontacarus communis* sp. n., illus.
Shluger, E. G.; and Amanguliev, A., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 534-539
key
Gymnodactylus caspius: Firiuzinsk canyon, Turkmenia
- Odontacarus primarius* sp. n., illus.
Shluger, E. G.; and Amanguliev, A., 1972, *Parazitologiya*, Leningrad, v. 6 (6), 534-539
key
Rhombomys opimus: Central Karakum (Kirpili), Turkmenia
- Odontacarus tubercularis* (Brennan, 1952)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
Proechimys guyannensis: Surinam
- Odontacarus yosanoi* (Fukuzumi, 1953)
Chen, H. P., 1978, *Acta Entom. Sinica*, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Odontopsyllus*
Goncharov, A. I., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 369-373
Leptopsyllidae
- Odontopsyllus multispinosus* (Baker)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Mephitis mephitis
Procyon lotor
Sylvilagus floridanus
Didelphis marsupialis
all from Fort Dix, New Jersey
- Odontopsyllus multispinosus*
Jacobson, H. A.; Kirkpatrick, R. L.; and McGinnes, B. S., 1978, *Wildlife Monogr.* (60), 53 pp.
disease and physiologic characteristics of cottontail rabbits in 2 study areas in relation to population density, includes data on seasonal and sex differences
Sylvilagus floridanus: Virginia
- Odontopsyllus multispinosus* (Baker)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Sylvilagus floridanus: Connecticut; Massachusetts
- Odontopsyllus multispinosus*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Urocyon cinereoargenteus: Indiana
- Oeciacus vicarius* Horvath
Wilson, N., 1978, *Entom. News*, v. 89 (3-4), 77-78
+*Petrochelidon pyrrhonota* (nests): Washabaugh County, South Dakota
- Oedemagena tarandi* L.
Borozdina, N. I., 1971, *Parazitologiya*, Leningrad, v. 5 (5), 408-412
Oedemagena tarandi, 2nd and 3rd instar larvae, content of water, dry matter, fat, glycogen, total nitrogen, and protein, dynamics of accumulation and consumption of these energy reserves

- Oedemagena tarandi* L.
Borozdina, N. I., 1974, *Parazitologiya*, Leningrad, v. 8 (5), 438-446
Oedemagena tarandi, 2nd and 3rd stage larvae, age-related changes in content of moisture, dry matter, fat, glycogen, total nitrogen, and protein
- Oedemagena tarandi*
Kummeneje, K.; and Poppe, T. T., 1978, *Acta Vet. Scand.*, v. 19 (1), 129-132
Oedemagena tarandi, reindeer, case of multiple cutaneous malignant lymphoma, probably immune reaction to parasitic larvae
- Oedemagena tarandi*
Kurkela, P.; and Kaantee, E., 1978, *Zentralbl. Vet.-Med.*, Reihe B, v. 25 (1), 81-87
parasites of domestic *Rangifer tarandus tarandus* in enclosure conditions, tetramisolum, good results, effective against *Oedemagena tarandi* larval forms, no harmful side effects: North of Finland
- Oedemagena tarandi* L.
Tashkinov, N. I., 1971, *Parazitologiya*, Leningrad, v. 5 (3), 261-265
Oedemagena tarandi, intensity of infestation of reindeer, effect of host age, sex, weight, and health, differences in degree of infestation of various age and sex groups apparently are result of unequal mortality rates of grubs rather than number of eggs laid by female flies: Amur oblast
- Oedemagena tarandi* L.
Tashkinov, N. I., 1972, *Parazitologiya*, Leningrad, v. 6 (4), 326-333
Oedemagena tarandi in reindeer of different age and sex groups, larval development, larval emergence, flight and attacking activity of imagos: seasonal and daily dynamics, weather effects, other factors
- Oedemagena tarandi* L.
Tashkinov, N. I., 1973, *Parazitologiya*, Leningrad, v. 7 (5), 465-472
Oedemagena tarandi, rate of development and survival in [*Rangifer tarandus*] (exper.)
- Oedemagena tarandi*
Tret'iakov, A. V.; and Belinskaia, V. Z., 1974, *Parazitologiya*, Leningrad, v. 8 (4), 353-358; Correction (5), 471
Hypoderma spp., *Oedemagena tarandi*, midgut extracts of 1st stage larvae, 3 active fractions (toxic, proteolytic, collagenase)
- Oedemagena tarandi* L.
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Oestriasis
Ternovoi, V. I., 1977, *Veterinariia*, Moskva (6), 66-68
oestriasis, sheep, prevalence, seasonal distribution, control measures: mountain zone of northern Caucasus
- Oestromyinae
Grunin, K. Ia., 1977, *Entom. Obozr.*, v. 56 (1) 223-228
Hypodermatidae
diagnosis
distribution in host orders Lagomorpha and Rodentia
- Oestrus ovis* L.
Breev, K. A., 1975, *Parazitologiya*, Leningrad, v. 9 (2), 147-154
Oestrus ovis, factors causing inhibition of development and determining age structure of populations
- Oestrus ovis* L.
Breev, K. A.; and Sultanov, F. R., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 47-56
Oestrus ovis, sheep, body length of 1st instar larvae and body weight of 2nd and 3rd instar larvae at different times of year and in different regions, statistical analysis, implications for course of development: Azerbaidzhan
- Oestrus ovis*
Bukhtynov, V. I., 1978, *Veterinariia*, Moskva (9), 60-62
Oestrus ovis, sheep, temperature as most significant factor in predicting time of development in relation to season
- Oestrus ovis* Linnaeus, 1758
Dorzh, C.; and Minar, J., 1971, *Folia Parasitol.*, v. 18 (2), 161-164
degree of infestation
Ovis aries (nasal mucous membrane, nasal and forehead cavities)
Capra hircus (horn cavities)
all from Mongolian People's Republic
- Oestrus ovis* (frontal sinuses)
Edwards, G. T.; Hackett, F.; and Herbert, I. V., 1979, *Brit. Vet. J.*, v. 135 (5), 433-439
prevalence
sheep: Snowdonia, U. K.
- Oestrus ovis*
Gaoub, I. A., 1978, *Vet. Parasitol.*, v. 4 (1), 79-82
Oestrus ovis, geographic distribution and seasonal dynamics in sheep (nasal cavities and sinuses): Egyptian Nile Delta and its western and eastern perimeters
- Oestrus ovis*, illus.
Hoffman, B. L.; and Goldsmid, J. M., 1970, *South African Med. J.*, v. 44 (22), 644-645
Oestrus ovis first instar larvae causing ophthalmomyiasis in man, case report; phase contrast photomicrographs of larvae: Gwelo, Rhodesia
- Oestrus ovis*
Ogunrinade, A. F., 1977, *Bull. Animal Health and Prod. Africa*, v. 25 (2), 154-156
Oestrus ovis, West African Dwarf goats, monthly incidence: Ibadan, Nigeria
- Oestrus ovis*
Petrov, D.; Milushev, I.; and Monov, M., 1978, *Vet. Med. Nauki*, v. 15 (4), 33-39
Oestrus ovis, sheep, neguvon, ranide, and dovenix compared; use of ranide economically justified only for mixed infection with *Fasciola hepatica*
- Oestrus ovis*
Prasert, V.; et al., 1975, *J. Econom. Entom.*, v. 68 (5), 639-640
Oestrus ovis, sheep, treatment with methoprene nasal spray
- Oestrus ovis*, illus.
Rakusin, W., 1970, *South African Med. J.*, v. 44 (40), 1155-1157
Oestrus ovis, woman, intraocular infestation, case report: Kalahari Desert

- Oestrus ovis*
 Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
 large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Oestrus ovis* L.
 Sultanov, F. R., 1974, Parazitologiya, Leningrad, v. 8 (2), 147-156
Oestrus ovis, sheep, extensity and intensity of infection, time of development, localization of different stage larvae within host, time and distance of flight of adult females: lowland, foothill, and mountain zones of Azerbaidzhan SSR
- Oestrus ovis*
 Ternovoi, V. I., 1978, Veterinariia, Moskva (9), 62-63
Oestrus ovis, sheep, chlorophos in intranasal irrigation
- Oestrus ovis* L.
 Ternovoi, V. I.; and Mikhailenko, V. K., 1973, Parazitologiya, Leningrad, v. 7 (2), 123-127
Oestrus ovis, flight distance when released near sheepfolds or on pasture: Stavropol krai
- Oestrus ovis*, illus.
 Vasallo Matilla, F.; and Olalla Tabar, A., 1976, Rev. San. e Hig. Pub., v. 50 (3-4), 291-312
Oestrus ovis, ocular and nasopharyngeal myiasis reported in 2 sisters who had used wool to stuff a mattress, clinical case reports; electron microscopic study of larval parasites
- Oestrus ovis*, illus.
 Yalcinkaya, F., 1978, Turk Hijiy. ve Tecrubu Biyol. Dergisi, v. 37 (3)-38 (1-3), 1977-1978, 262-265
 garcon (nez): Yeni Turan
- Oestrus variolosus* (Loew)
 Rak, H., 1979, Entom. Month. Mag. (1360-1363), v. 113, 1977, 209
 sheep
 goats
 Capra aegagrus
 all from Iran
- Olalidocarpus whitakeri*
 Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
 Myotis austroriparius
 M. grisescens
 all from Shawnee National Forest, southern Illinois
- Olfersia bisulcata* Macquart
 Wilson, N.; and Oliver, G. V., jr., 1978, Southwest. Nat., v. 23 (2), 305-307
 Cathartes aura: Presidio County, Texas
- Olfersia spinifera* (Leach)
 Uilenberg, G., 1977, J. Med. Entom., v. 13 (4-5), 516
 Fregata a. ariel: Msasani Peninsula, Dar es Salaam, Tanzania
- Ololaelaps caucasica* Breg.
 Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
 gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Ololaelaps sellnicki* Breg. et Kor.
 Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
 gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Omphalosathes* n. gen.
 Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
 Crypturoptidae n. fam.
 key, tod: *O. opistopsalidus* n. sp.
- Omphalosathes opistopsalidus* n. sp., illus. (tod)
 Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], Acarologia, v. 14 (3), 1972, 393-453
 Nothocercus bonapartei: Colombie (Tierra Nueva, Magdalena and Belem, Huila)
 N. julius: Equateur
- Ophelicola* gen. n.
 Laubier, L., 1978, Arch. Zool. Exper. et Gen., v. 119 (1), 39-50
 gen. type: *O. drachi* sp. n.
- Ophelicola drachi* sp. n. (tod), illus.
 Laubier, L., 1978, Arch. Zool. Exper. et Gen., v. 119 (1), 39-50
 Opheliidae [sp.]: plaine abyssale du Golfe de Gascogne
- Ophionyssus natricis*
 Tesik, I., 1978, Biol. a Chem. Zivoc. Vyroby, Vet., v. 14 (v. 20) (4), 379-384
 ectoparasites of reptiles, arpalit spray, toxicity to snakes and tortoise tested, TMB-4 as antidote
- Ophioptidae Southcott 1956
 Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
 Cheyletoidea
- Ophthalmopsylla*
 Goncharov, A. I., 1971, Parazitologiya, Leningrad, v. 5 (4), 369-373
 Leptopsyllidae
- Ophthalmopsylla* Wagner and Ioff, 1926
 Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
 Leptopsyllidae, Amphipsyllinae, key
- Ophthalmopsylla* sp., illus.
 Li, K. C.; and Wang, D. C., 1977, Acta Entom. Sinica, [Transl.], v. 16 (2), 147-155
 fleas, malformations
 Cricetulus longicaudata: Tsinghai
- Ophthalmopsylla volgensis intermedia* Arg., 1946
 Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
 [Allactaga saltator]
 [Apodemus]
 [Vulpes]
 all from northeastern Kazakhstan

- Ophthalmopsylla* (*Ophthalmopsylla*) *volgensis*
volgensis (Wagner and Ioff, 1926), illus.
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
 Sept. 14, 1-161
 Syn.: *Ceratophyllus* (*Ophthalmopsylla*) *vol-*
gensis Wagner and Ioff, 1926
Allactaga williamsi
Meriones persicus
Ellobius fuscocapillus
Vulpes vulpes
 all from Afghanistan
- Opisocrostis bruneri*, illus.
 Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2),
 179-192
 fleas of mammals, morphological variations
 in certain key diagnostic characters, sea-
 sonal distribution, sex ratio, host sex
Didelphis virginiana
Microtus p. pennsylvanicus
Spermophilus t. tridecemlineatus
Marmota m. monax
 all from southeastern Wisconsin
- Opisodasys pseudarctomys*
 Benton, A. H.; Surman, M.; and Krinsky, W. L.,
 1979, *J. Parasitol.*, v. 65 (4), 671-672
Ceratophyllus niger, *Opisodasys pseudarc-*
tomys, evidence that larval fleas feed by
 ingestion of liquid (whether blood or other
 body fluids) by sucking action and that
 they are predatory (attacking and killing
 even others of their own kind)
- Opisodasys pseudarctomys* (Baker)
 Main, A. J.; et al., 1979, *Entom. News*, v. 90
 (3), 135-140
Glaucomyx volans: Connecticut; Massachusetts
- Orchopeas caedens durus* (Jordan)
 Haas, G. E.; Barrett, R. E.; and Wilson, N.,
 1978, *Canad. J. Zool.*, v. 56 (2), 333-338
Mustela erminea
Tamiasciurus hudsonicus
Vulpes vulpes
Canis latrans
 all from Alaska
- Orchopeas caedens durus* (Jordan)
 Holland, G. P., 1979, *Canad. Entom.*, v. 111
 (6), 713-719
Martes americana americana: Spruce River
 Road, Thunder Bay District, Ontario, Canada
- Orchopeas howardi*
 Britt, D.; and Molyneux, D. H., 1979, *J. Para-*
sitol., v. 65 (3), 408
Sciurus carolinensis: Delamere Forest,
 Cheshire, England
- Orchopeas howardii* (Baker)
 Harlan, H. J.; and Kramer, R. D., 1979, *Entom.*
News, v. 90 (2), 79-87
Didelphis marsupialis
Glaucomyx volans
Sciurus carolinensis
S. niger
 all from Fort Dix, New Jersey
- Orchopeas howardi* (Baker)
 Jackson, J. O.; and DeFoliart, G. R., 1976,
J. Med. Entom., v. 13 (3), 351-356
 fleas, survey of nests of *Peromyscus leuco-*
pus, data for some species on seasonal oc-
 currence, sex ratio, abundance in relation to
 host sex and nesting activity: southwestern
 Wisconsin
- Orchopeas howardii* (Baker)
 Sonenshine, D. E.; et al., 1978, *Am. J. Trop.*
Med. and Hyg., v. 27 (2, pt. 1), 339-349
 epizootiology of *Rickettsia prowazekii* in
Glaucomyx volans, vector transmission sug-
 gested by occurrence of natural infections
 in *Orchopeas howardii* and *Neohaematopinus*
sciuropteri, ecology of ectoparasites asso-
 ciated with *G. volans* (seasonal activity,
 abundance in nests)
Glaucomyx volans: Virginia; Maryland
- Orchopeas howardi*
 Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Procyon lotor
 all from Indiana
- Orchopeas howardi*
 Whitaker, J. O., jr.; Jones, G. S.; and Goff,
 R. J., 1977, *Proc. Indiana Acad. Sc.*, v. 86,
 1976, 501-507
Didelphis virginiana: Indiana
- Orchopeas howardii* (Baker)
 Wilson, N., 1978, *Entom. News*, v. 89 (3-4),
 77-78
Sciurus niger: McCook County, South Dakota
- Orchopeas h. howardii*, illus.
 Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2),
 179-192
 fleas of mammals, morphological variations
 in certain key diagnostic characters, sea-
 sonal distribution, sex ratio, host sex
Sciurus carolinensis
Tamias striatus ohionensis
Didelphis virginiana
Felis catus
Procyon lotor hirtus
Sciurus niger rufiventer
 all from southeastern Wisconsin
- Orchopeas howardii howardii* (Baker)
 Main, A. J.; et al., 1979, *Entom. News*, v. 90
 (3), 135-140
S[ciurus] carolinensis
Mephitis mephitis
Tamiasciurus hudsonicus
Procyon lotor
Didelphis virginiana
Glaucomyx volans
Tamias striatus
Canis familiaris
Microtus pennsylvanicus
 all from southern New England
- Orchopeas leucopus*, illus.
 Amin, O. M., 1976, *J. Med. Entom.*, v. 13 (2),
 179-192
 fleas of mammals, morphological variations
 in certain key diagnostic characters, sea-
 sonal distribution, sex ratio, host sex
Sciurus carolinensis
Tamias striatus ohionensis
Didelphis virginiana
Procyon lotor hirtus
Peromyscus leucopus noveboracensis
Microtus p. pennsylvanicus
 all from southeastern Wisconsin
- Orchopeas leucopus* ssp.
 Baker, R. H., 1969, *Misc. Publication* (51),
 Univ. Kansas, *Mus. Nat. Hist.*, 177-232
Sigmodon fulviventer: near Boquilla

- Orchopeus leucopus* (Baker)
Graves, G. N.; et al., 1974, *J. Med. Entom.*, v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Sigmodon hispidus
Peromyscus leucopus
Reithrodontomys megalotis
all from Chaves County, New Mexico
- Orchopeus leucopus* (Baker)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Didelphis marsupialis
Peromyscus leucopus
all from Fort Dix, New Jersey
- Orchopeus leucopus* (Baker)
Jackson, J. O.; and DeFoliart, G. R., 1976, *J. Med. Entom.*, v. 13 (3), 331-336
fleas, survey of nests of *Peromyscus leucopus*, data for some species on seasonal occurrence, sex ratio, abundance in relation to host sex and nesting activity: southwestern Wisconsin
- Orchopeus leucopus* (Baker)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Peromyscus leucopus
Microtus pennsylvanicus
Tamias striatus
Clethrionomys rupperi
Microtus pinetorum
Homo sapiens
all from southern New England
- Orchopeus leucopus*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Urocyon cinereoargenteus: Indiana
- Orchopeus leucopus*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1978, 501-507
Didelphis virginiana: Indiana
- Orchopeus sexdentatus* (Baker)
Graves, G. N.; et al., 1974, *J. Med. Entom.*, v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Neotoma micropus
Sigmodon hispidus
Sylvilagus audubonii
all from Chaves County, New Mexico
- Orchopeus sexdentatus* (Baker)
Rutledge, L. C.; et al., 1979, *J. Med. Entom.*, v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Neotoma lepida
Sylvilagus auduboni
all from Fort Hunter Liggett, Monterey County, California
- Orfrontia* Ioff, 1949
Lewis, R. E., 1973, *Feldiana: Zoology*, v. 64, Sept. 14, 1-161
subgen. of *Frontopsylla*, key
- Oribatid* mite
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus trinotatus: Washington
- Oribatidae* sp.
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Crocidura suaveolens
all from Gory Sowie (Middle Sudetes), Poland
- Oribatidae* sp.
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Crocidura suaveolens
all from Gory Sowie (Middle Sudetes), Poland
- Ornithobius waterstoni* reconditus Timmermann, 1962
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, *Proc. Entom. Soc. Wash.*, v. 81 (2), 327-328
Olor columbianus (head): Ontario, Canada
- Ornithocheyletia hallae* Smiley, 1970
Stan, J. W. E.; and Cremer, H. J. W. M., 1978, *Tijdschr. Diergeneesk.*, v. 103 (2), 1114-1115
Ornithocheyletia hallae, racing pigeon, case report, treatment with carbaryl: Netherlands
- Ornithocheyletia erythrocephala* (Lynch)
Arnold, K. A., 1979, *Rev. Biol. Trop.*, v. 16 (2), 1968, 259-265
Odontophorus gujanensis castigatus
Pulsatrix perspicillata saturata
all from Costa Rica
- Ornithocheyletia fusciventris* (Wiedemann)
Arnold, K. A., 1979, *Rev. Biol. Trop.*, v. 16 (2), 1968, 259-265
Dysithamnus mentalis septentrionalis: Costa Rica
- Ornithodoros*, *illus*.
Todd, J. K.; Mierau, C. W.; and Vernon, T. M., 1974, *Rocky Mountain Med. J.*, v. 71 (8), 445-449
Dermacentor andersoni, *Ornithodoros*, tick transmitted diseases in the Rocky Mountain states (tularemia, relapsing fever, American tick-borne typhus, Colorado tick fever, tick paralysis), case reports, clinical review
- Ornithodoros* sp., perhaps related to *faini*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, *J. Mamm.*, v. 59 (3), 632-634
Hipposideros commersoni: Kenya
- Ornithodoros capensis*
Austin, F. J., 1978, *Am. J. Trop. Med. and Hyg.*, v. 27 (5), 1045-1048
Ornithodoros capensis collected in *Sula bassana* serrator colony, isolation of 10 strains of Johnston Atoll virus: New Zealand

- Ornithodoros (Alectorobius) capensis* Neumann
Hoogstraal, H.; Kaiser, M. N.; and Easton, E. R., 1976, *J. Med. Entom.*, v. 12 (6), 703-704
+*Pelecanus onocrotalus* (under stones in nesting colony): shore of Lake Shalla, Shoa Province, Ethiopia
+*Phalacrocorax carbo lugubris* (nests): Iroba Island near Rubondo, Irumu Channel of Lake Victoria, Tanzania; Upper Mwanza Gulf, Lake Victoria, Tanzania
+*Ibis ibis* (nest): island about 1.5 km SE of Central Island in Lake Rudolph, Kenya
+*Threskiornis a. aethiopicus* (nest): island about 1.5 km SE of Central Island in Lake Rudolph, Kenya
- Ornithodoros concanensis* Cooley & Kohls
Wilson, N., 1978, *Entom. News*, v. 89 (3-4), 77-78
+*Petrochelidon pyrrhonota* (nests): Washabaugh County, South Dakota
- Ornithodoros (Alectorobius) coniceps* (Canestrini 1890), *illus.*
Hoogstraal, H.; Clifford, C. M.; and Keirans, J. E., 1979, *J. Parasitol.*, v. 65 (3), 395-407
synonymy, redescription
+*Columba l. livia* (nests, or near nest): Italy; Egypt; USSR
[no host]: France
+*Columba g. guinea* (nests): Kenya
+*Apus p. pallidus* (resting place): small limestone island in Mediterranean, off Zawayet Umm el Rakham
chicken house: Palestine
domestic sheep: Jordan
pigeon houses: Afghanistan
- Ornithodoros coniceps*
Mitchell, R.; and Punzo, F., 1976, *J. Bombay Nat. Hist. Soc.*, v. 73 (1), 84-87
Rousettus leschenaulti: Kathmandu, Nepal
- Ornithodoros coriaceus*
Ault, S. K.; and Elliott, K. D., 1979, *J. Med. Entom.*, v. 15 (5-6), 570-571
Phidippus rimator as predator of *Ornithodoros coriaceus*: northern California
- Ornithodoros coriaceus* Koch
Hokama, Y.; and Howarth, J. A., 1977, *J. Med. Entom.*, v. 13 (4-5), 627-628
Ornithodoros coriaceus, dry-ice (CO₂) trap for efficient and economical collection
- Ornithodoros coriaceus*, *illus.*
Moulton, J. E., 1978, *Am. J. Vet. Research*, v. 39 (9), 1558-1564
preparation of primary cultures of tick cells
- Ornithodoros coriaceus* Koch
Schmidtman, E. T.; et al., 1976, *J. Med. Entom.*, v. 13 (3), 292-299
Ornithodoros coriaceus, transmission of epizootic bovine abortion etiologic agent or substance to susceptible pregnant heifers
- Ornithodoros erraticus*
Janbakhsh, B.; and Ardelan, A., 1976, *J. Vet. Fac. Univ. Tehran*, v. 32 (1-4), 65-76
Ornithodoros erraticus, vector of tick-borne relapsing fever: Kazeroun area, Iran
- Ornithodoros (Pavlovskyella) gurneyi* Warburton
Doube, B. M., 1975, *J. Med. Entom.*, v. 12 (2), 240-243
Ornithodoros gurneyi, laboratory rearing technique, feeding and detaching, molting and development, mating and oviposition, reproductive diapause, effects of temperature, photoperiod, and pressure
white rats (exper.)
rabbits (ears) (exper.)
Amphibolurus barbatus
- Ornithodoros hermsii*
Espinoza, H.; et al., 1977, *Rocky Mountain Med. J.*, v. 74 (6), 321-323
Ornithodoros hermsii, febrile illness in man and woman several days after both had received multiple tick bites, organisms identified as *Borrelia* (cause of relapsing fever) were isolated from the ticks; epidemiology, diagnostic evaluation, therapy: Cordova, New Mexico
- Ornithodoros kelleyi* Cooley and Kohls, 1944, *illus.*
Sonenshine, D. E., 1979, *Research Div. Bull. (139)*, Virginia Polytech. Inst. and State Univ., 42 pp.
ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Ornithodoros lahorensis* Neumann
Sharma, B. D.; and Sharma, T., 1976, *Indian J. Animal Sc.*, v. 44 (9), 1974, 709-712
Ovis aries: Jammu Province, India
- Ornithodoros (Alectorobius) maritimus*
Chastel, C.; et al., 1979, *Compt. Rend. Acad. Sc., Paris*, v. 288, s. D, Sc. Nat. (5), 559-561
Ornithodoros maritimus, isolation of Soldado virus
+*Larus argentatus* (nid): Cap Frehel, Cotes-du-Nord, France
- Ornithodoros moubata* (Murray)
Galun, R.; Sternberg, S.; and Mango, C., 1978, *Bull. Entom. Research*, v. 68 (1), 153-157
Argas persicus, *Ornithodoros tholozani*, *O. moubata*, effects of several laboratory animals on tick feeding behaviour and reproduction
- Ornithodoros moubata* Murray, *illus.*
Germond, J. E.; and Aeschlimann, A., 1977, *Advances Invert. Reprod. (Adiyodi)*, v. 1, 308-318
Ornithodoros moubata, effect of copulation on vitellogenesis and egg laying
- O[ornithodoros] moubata*
Ignatovich, V. F.; and Grokhovskaia, I. M., 1973, *Parazitologiya, Leningrad*, v. 7 (1), 19-23
Rickettsia prowazeki, maintenance and reproduction in argasid ticks (exper.)
- Ornithodoros moubata*
MacLeod, J.; and Mwanaumo, B., 1978, *Bull. Entom. Research*, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
warthog: Zambia

- Ornithodoros moubata*
Thomas, H., 1979, Tropenmed. u. Parasitol., v. 30 (2), 179-181
Dipetalonema witei, exper. infection of *Ornithodoros moubata* with microfilariae, advantages of method described compared with using natural tick infections
- Ornithodoros moubata* (Murr., 1877)
Zoltowski, Z.; Stejgwillio-Laudanska, B.; and Kosinski, J., 1978, Acta Parasitol. Polon., v. 25 (21-35), 267-273
detecting and determining blood microtraces in alimentary tracts of haematophagous arthropods, application of electroimmunoprecipitation reaction in agar gel and spectroscopic method
- O[ornithodoros] papillipes*
Ignatovich, V. F.; and Grokhovskaia, I. M., 1973, Parazitologiya, Leningrad, v. 7 (1), 19-23
Rickettsia prowazeki, maintenance and reproduction in argasid ticks (exper.)
- Ornithodoros papillipes*
L'vov, D. K.; et al., 1979, Voprosy Virus (3), 286-289
ixodid and argasid ticks collected from burrows of *Rhombomys opimus*, isolation and description of new arbovirus: Uzbek SSR
- Ornithodoros papillipes*
Podboronov, V. M.; and Grokhovskaia, I. M., 1978, Veterinariia, Moskva (7), 46-48
Ornithodoros papillipes, bacterial infections, bacteria destroyed by protective action of bactericidal substance causing lysis
- Ornithodoros parkeri*
Krinsky, W. L.; and Hayes, S. F., 1978, J. Protozool., v. 25 (2), 177-186
Nosema parkeri, fine structure of sporogonic stages from *Ornithodoros parkeri* (exper.)
- Ornithodoros parkeri*, illus.
Pound, J. M.; and Oliver, J. H., jr., 1979, Science (4416), v. 206, 355-357
Ornithodoros parkeri, evidence of physiological role of juvenile hormone in acarine reproduction
- Ornithodoros savignyi*
De Vos, V., 1977, Research J. National Parks Republic South Africa (20), 169-174
Nwambiya sandveld, Kruger National Park, southern Africa
- Ornithodoros savignyi*, illus.
Feldman-Muhsam, B.; et al., 1973, J. Insect Physiol., v. 19 (5), 951-962
Ornithodoros savignyi, spermatophore evagination
- Ornithodoros savignyi*, illus.
Feldman-Muhsam, B.; and Borut, S., 1978, J. Insect Physiol., v. 24 (10-11), 693-697
Ornithodoros savignyi, spermatophore, morphology and histochemistry, stages in formation
- Ornithodoros savignyi*
Frayha, G. J.; et al., 1974, J. Med. Entom., v. 11 (2), 168-172
Ornithodoros savignyi, rats (exper.), chemical composition of coxal fluid (electrolytes, amino acids, proteins, nucleic acids, carbohydrates, lipids), results confirm osmoregulatory role of coxal organs; sucrose detected in coxal fluid, first report in any animal tissue
- Ornithodoros* (O.) *savignyi*
Hefnawy, T.; Khalil, G. M.; and Sidrak, W., 1979, J. Med. Entom., v. 15 (5-6), 445-451
Ornithodoros savignyi, blood meal weight and heme content during developmental cycles, technique for determining exact instar
- Ornithodoros talaje* (Guerin-Meneville)
Hoogstraal, H.; Clifford, C. M.; and Keirans, J. E., 1979, J. Parasitol., v. 65 (3), 395-407
as syn. of *Ornithodoros* (*Alectorobius*) *coniceps* (Canestrini 1890)
- Ornithodoros talaje* Guerin et Meneville, 1849, illus.
Oba, M. S. P.; and Baggio, D., 1977, Arq. Inst. Biol., Sao Paulo, v. 44 (1-2), 107-109
[no host]: Santo Inacio, Bahia, Brasil
- Ornithodoros tartakovskyi* Ol., 1931
Balashov, Iu. S., 1972, Parazitologiya, Leningrad, v. 6 (2), 97-102
Ornithodoros tartakovskyi, infection with *Borrelia latyschevi*: Middle Asia and Kazakhstan
- Ornithodoros tartakowskyi*, illus.
Londono M., I., 1975, Rev. Colomb. Entom., v. 1 (2-3), 27-37
Dipetalonema viteae, larval migration and distribution in *Ornithodoros tartakowskyi*, elimination of nematode larvae in tick coxal fluid may prevent hyperinfection, cannibalism transmits nematodes among ticks
- Ornithodoros tartacovskiyi*
L'vov, D. K.; et al., 1979, Voprosy Virus (3), 286-289
ixodid and argasid ticks collected from burrows of *Rhombomys opimus*, isolation and description of new arbovirus: Uzbek SSR
- Ornithodoros tartakowskyi*
Vasil'eva, I. S., 1976, Med. Parazitol. i Parazitar. Bolezni, v. 45 (1), 42-49
Ornithodoros tartakowskyi, numbers in burrows of various animals, determining ecological factors: southern Tadzhikistan
- Ornithodoros tartakowskyi* Ol.
Vasil'eva, I. S., 1976, Med. Parazitol. i Parazitar. Bolezni, v. 45 (2), 204-209
Ornithodoros tartakowskyi, summer distribution in porcupine or terrapin burrows, temperature and humidity conditions: southern Tadzhikistan
- Ornithodoros tholozani* Labou. & Megn.
Bar-Zeev, M.; and Gothilf, S., 1974, J. Med. Entom., v. 11 (4), 389-392
Ornithodoros tholozani, rats (exper.), laboratory and field evaluation of 9 repellents, pyrethrum far superior, o-vanillin and ephedrine more effective than other remaining repellents but toxic to host

- Ornithodoros tholozani* (Laboulbene & Megnin)
Galun, R.; Sternberg, S.; and Mango, C., 1978,
Bull. Entom. Research, v. 68 (1), 153-157
Argas persicus, *Ornithodoros tholozani*, O.
moubata, effects of several laboratory
animals on tick feeding behaviour and
reproduction
- Ornithodoros tholozani* (Laboulbene & Megnin)
Sharma, B. D.; and Sharma, T., 1976, Indian
J. Animal Sc., v. 44 (9), 1974, 709-712
Syn.: Argas tholozani Laboulbene & Megnin
dog
Rattus rattus
Ovis aries
all from Jammu Province, India
- Ornithodoros*. See *Ornithodoros*.
- Ornithoica exilis* group
Watling, D., 1977, Fiji Agric. J., v. 39 (2),
116-117
Pycnonotus cafer: Sigatoka Valley, Viti
Levu, Fiji Islands
- Ornithoica turdi* Latr.
Boiko, V. A.; Aiupov, A. S.; and Ivliev, V. G.,
1973, Parazitologiya, Leningrad, v. 7 (6),
536-540
Anthus trivialis: Fedotovka, Leninogorsk
region, TASSR
- Ornithoica vicina* (Walker)
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16
(2), 1968, 259-265
Monasa morpheus: Costa Rica
- Ornithoica vicina* (Walker)
Harlan, H. J.; and Kramer, R. D., 1979, Entom.
News, v. 90 (2), 79-87
Lanius excubitor: Fort Dix, New Jersey
- Ornithomya avicularia* L.
Boiko, V. A.; Aiupov, A. S.; and Ivliev, V. G.,
1973, Parazitologiya, Leningrad, v. 7 (6),
536-540
Ornithomya avicularia on birds, host size,
age, habitat, and colonial vs. solitary
habit, seasonal dynamics; possible role in
circulation of virus of tick-borne encephal-
itis
Accipiter nisus
Strix uralensis
Asio otus
Tetrastes bonasia
Scolopax rusticola
Cuculus canorus
Pica pica
Garrulus glandarius
Dendrocopos leucotos
D. major
Turdus philomelos
T. iliacus
T. pilaris
T. merula
Oriolus oriolus
Junx torquilla
Parus major
P. atricapillus
Sitta europaea
Muscicapa striata
M. hypoleuca
Phoenicurus phoenicurus
Erithacus rubecula
Luscinia luscinia
Sylvia borin
S. atricapilla
- Ornithomya avicularia* L.-- Continued.
Boiko, V. A.; Aiupov, A. S.; and Ivliev, V. G.,
1973, Parazitologiya, Leningrad, v. 7 (6),
536-540
Sylvia nisoria
Anthus trivialis
Lanius collurio
Sturnus vulgaris
Emberiza citrinella
Erithrina erithrina
Fringilla coelebs
Chloris chloris
Coccothraustes coccothraustes
Motacilla alba
Anthus campestris
Alauda arvensis
Oenanthe oenanthe
Motacilla flava
Passer montanus
Sylvia communis
all from Middle Povolzh'e
- Ornithomya avicularia* (Linnaeus, 1758)
Klemm, W., 1974, Ang. Parasitol., v. 15 (2),
105-106
Turdus merula: Gera, German Democratic
Republic
- Ornithomya avicularia avicularia* (Linn., 1758)
Mogi, M., 1977, Eisei Dobutsu (Japan. J. San.
Zool.), v. 28 (3), 327-328
Turdus albicincta?: Nepal
- Ornithomya chloropus* Bergroth
Boiko, V. A.; Aiupov, A. S.; and Ivliev, V. G.,
1973, Parazitologiya, Leningrad, v. 7 (6),
536-540
Turdus pilaris
T. philomelos
Emberiza citrinella
Fringilla montifringilla
Anthus trivialis
all from Middle Povolzh'e
- Ornithomya fringillina* Curtis
Boiko, V. A.; Aiupov, A. S.; and Ivliev, V. G.,
1973, Parazitologiya, Leningrad, v. 7 (6),
536-540
Tetrao urogallus
Junx torquilla
Parus coeruleus
P. major
P. atricapillus
Sitta europaea
Muscicapa striata
Phoenicurus phoenicurus
Erithacus rubecula
Luscinia luscinia
Turdus pilaris
T. iliacus
Phylloscopus trochilus
P. collybita
P. sibilatrix
Hippolais icterina
Sylvia atricapilla
S. borin
S. communis
Anthus trivialis
Lanius collurio
Emberiza citrinella
Fringilla coelebs
Chloris chloris
Erithrina erithrina
Cyanosylvia svecica
all from Middle Povolzh'e

- Ornithonyssus* sp.
Tagil'tsev, A. A., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast
- Ornithonyssus bacoti*, *illus.*
Gina, A.; et al., 1978, *Shendetesia Popullore* (144) (2), 15-18
Ornithonyssus bacoti, epidemiology, control with lindane
Rattus
Mus musculus
all from Tiranese
- Ornithonyssus bacoti* (Hirst)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Procyon lotor
Didelphis marsupialis
Peromyscus leucopus
all from Fort Dix, New Jersey
- Ornithonyssus bacoti*
Mehl, R., 1978, *Fauna*, Oslo, v. 31 (4), 250-267
arthropod pests of humans or domestic animals, Laboratory of Medical Entomology enquiries (1972-1976), first report: Norway
- Ornithonyssus bacoti*, *illus.*
Ogata, M.; et al., 1976, *Nippon Zyuisi-Kai Zassi* (J. Japan Vet. Med. Ass.), v. 29 (8), 442-444
dog
human
all from Tokyo
- Ornithonyssus bacoti* (Hirst)
Ramsay, G. W.; and Paterson, S. E., 1977, *N. Zealand J. Zool.*, v. 4 (4), 389-392
Rattus norvegicus
R. exulans
all from Raoul Island
- Ornithonyssus bacoti*
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Rattus rattus: Western Australia
- Ornithonyssus bacoti* Hirst
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Rattus rattus
Suncus murinus
all from Maharashtra State, India
- Ornithonyssus bacoti*
Wada, Y.; Takaoka, M.; and Shirasaka, A., 1977, *Kiseichugaku Zasshi* (Japan. J. Parasitol.), v. 26 (3), 101-112
filarial worms, quantitative study of vector uptake, development and loss at refeeding
- Ornithonyssus bacoti*
Whitaker, J. O., jr., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Ornithonyssus bacoti* (?)
Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: North Dakota
- Ornithonyssus bacoti*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Urocyon cinereoargenteus: Indiana
- Ornithonyssus bacoti*
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Ornithonyssus bacoti* (Hirst, 1913)
Wilson, N.; and Wodzicki, K., 1977, *N. Zealand J. Zool.*, v. 4 (4), 383-387
Rattus rattus: Niue Island
- Ornithonyssus bursa*
Petersen, G. W., 1979, *N. Zealand J. Zool.*, v. 6 (2), 319-320
Ornithonyssus bursa on *Sturnus vulgaris* (folds of skin, base of bill below eyes, under chin near mandible), small overwintering population forms nucleus for rapid buildup in nest boxes during host breeding season: Aokautere and near Masterton
- Ornithonyssus bursa*
Powlesland, R. G., 1978, *N. Zealand J. Zool.*, v. 5 (2), 395-399
Ornithonyssus bursa, behavior of mite in *Sturnus vulgaris* nest boxes during breeding season, cycle of infestation of starling broods, mites' reaction to development and fledging of nestlings: New Zealand
- Ornithonyssus iheringi* (Fonseca, 1935)
Dusbabek, F.; and Cerny, V., 1971, *Folia Parasitol.*, v. 18 (1), 55-61
brief description
+*Mimus polyglottos orpheus* (nest): El Laguito, La Habana
+*Passer domesticus* (nest): El Laguito, La Habana
Accipiter striatus fringilloides: Topez de Collantes, Trinidad, Prov. of Las Villas, Cuba
- Ornithonyssus sylviarum* Can. et Fanz.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaia, A. G., 1977, *Vestsi Akad. Navuk BSSR*, s. Biial. Navuk (5), 104-109
[*Apodemus flavicollis*]: Belorussian Polesia
- Ornithonyssus sylviarum* (Can. et Fanz.)
Borisova, V. I., 1972, *Parazitologiya*, Leningrad, v. 6 (5), 457-464
ecology of nest parasites of birds with emphasis on *Dermanyssus hirundinis*, *Ceratophyllus gallinae*, and *Carnus haemapterus*, seasonal changes in populations, adaptation of life cycles to host life cycles
+*Riparia riparia*
+*Hirundo rustica*
+*Muscicapa hypoleuca*
+*Sturnus vulgaris*
+*Emberiza citrinella*
(nest of all): all from Tatar ASSR
- Ornithonyssus sylviarum*
Cooper, C. L.; Madden, J. E.; and Crites, J. L., 1975, *J. Med. Entom.*, v. 12 (2), 262
Quiscalus quiscula versicolor (skin): Ottawa Co., Ohio
- Ornithonyssus sylviarum*
Cooper, C. L.; and Troutman, E. L., 1974, *J. Med. Entom.*, v. 11 (2), 233
Molothrus ater ater (skin): Ohio

- Ornithonyssus sylviarum (Canestrini and Fanzago)
DeVaney, J. A., 1978, Poultry Science, v. 57 (5), 1189-1191
Ornithonyssus sylviarum, White Leghorn hens (exper.), infestation lowered egg production but did not affect egg fertility or hatchability when these hens were artificially inseminated with semen from mite-infested roosters
- Ornithonyssus sylviarum
DeVaney, J. A., 1979, Poultry Science, v. 58 (1), 191-194
Ornithonyssus sylviarum, hens, effects of uncontrolled mite populations on body weight, egg production, and feed consumption
- Ornithonyssus sylviarum (Canestrini & Fanzago)
Hall, R. D.; Gross, W. B.; and Turner, E. C., jr., 1978, Poultry Science, v. 57 (4), 1088-1090
Ornithonyssus sylviarum in roosters receiving varying doses of estradiol, slight increase in mite resistance, compared to mite resistance in untreated pullets, results indicate that estrogen alone may not be responsible for difference in mite susceptibility between male and female birds
- Ornithonyssus sylviarum
Hall, R. D.; Gross, W. B.; and Turner, E. C., jr., 1979, Vet. Parasitol., v. 5 (2-3), 287-297
Ornithonyssus sylviarum, roosters (exper.), increased host resistance in response to high levels of social interaction or dietary administration of steroids
- Ornithonyssus sylviarum
Hall, R. D.; Townsend, L. H., jr.; and Turner, E. C., jr., 1978, J. Econom. Entom., v. 71 (2), 315-318
Ornithonyssus sylviarum, laboratory and field tests to compare effectiveness of organophosphorous, carbamate, and synthetic pyrethroid acaricides, carbaryl most toxic to mites, ectiban permethrin and SD-43775 also effective; mites displayed tolerance to malathion
- Ornithonyssus sylviarum (Canestrini & Fanzago)
Hall, R. D.; and Turner, E. C., jr., 1976, J. Med. Entom., v. 13 (2), 222-223
Ornithonyssus sylviarum found on Rattus norvegicus in a chicken house, study suggests that mites cannot survive with wild or laboratory rats as sole host: Montgomery County, Virginia
- Ornithonyssus sylviarum
Hall, R. D.; Turner, E. C., jr.; and Gross, W. B., 1978, Poultry Science, v. 57 (2), 564-566
Ornithonyssus sylviarum, commercial laying hens, higher populations of mites on birds caged alone, importance as survey tool in pest management programs
- Ornithonyssus sylviarum (Canestrini & Fanzago, 1877)
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Turdus sp.: Mexico, D. F.
Gallus gallus: San Angel, D. F.
- Ornithonyssus sylviarum
Loomis, E. C.; Bramhall, E. L.; and Dunning, L. L., 1979, J. Econom. Entom., v. 72 (6), 856-859
Ornithonyssus sylviarum, White Leghorn hens, carbaryl and fenvalerate compared
- Ornithonyssus sylviarum, illus.
Pereira, M. de C.; Oba, M. S. P.; and Schumaker, T. T. S., 1977, Rev. Fac. Med. Vet. e Zootec. Univ. S. Paulo, v. 14 (2), 243-251
Gallus gallus domesticus: Estado de Sao Paulo, Brasil
- Ornithonyssus sylviarum
Whitaker, J. O., jr., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Ornithonyssus sylviarum
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Ornithonyssus wernecki (Fonseca)
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Didelphis marsupialis: Fort Dix, New Jersey
- Ornithonyssus wernecki
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Procyon lotor: Indiana
- Ornithonyssus wernecki
Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, Proc. Indiana Acad. Sc., v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Ornithophaga
Goncharov, A. I., 1971, Parazitologiya, Leningrad, v. 5 (4), 369-373
Leptopsyllidae
- Ornithophila metallica
Watling, D., 1977, Fiji Agric. J., v. 39 (2), 116-117
Pycnonotus cafer: Sigatoka Valley, Viti Levu, Fiji Islands
- Oropsylla Wagner and Ioff, 1926
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Ceratophyllidae, Ceratophyllinae, key
- Oropsylla arctomys (Baker)
Addison, E. M.; Pybus, M. J.; and Rietveld, H. J., 1978, Canad. J. Zool., v. 56 (10), 2122-2126
Ursus americanus: central Ontario, Canada
- Oropsylla arctomys
Amin, O. M., 1976, J. Med. Entom., v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Didelphis virginiana
Marmota m. monax
all from southeastern Wisconsin
- Oropsylla arctomys (Baker)
Holland, G. P., 1979, Canad. Entom., v. 111 (6), 713-719
Martes americana americana: Spruce River Road, Thunder Bay District, Ontario, Canada

- Oropsylla arctomys*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus
Taxidea taxus
all from Indiana
- Oropsylla arctomys arctomys* (Baker)
Main, A. J.; et al., 1979, Entom. News, v. 90
(3), 135-140
Marmota monax
Procyon lotor
Urocyon cinereoargenteus
all from southern New England
- O[ropsylla] asiatica*
Voronova, G. A.; and Feoktistov, A. Z., 1978,
Zhurnal Mikrobiol., Epidemiol. i Immunobiol.
(2), 97-100
fleas, *Yersinia pestis* subcultures isolated
- Oropsylla idahoensis* (Baker)
Haas, G. E.; Barrett, R. E.; and Wilson, N.,
1978, Canad. J. Zool., v. 56 (2), 333-338
Spermophilus parryii: Alaska
- Oropsylla ilovaiskii* W. et I., 1926
Pakizh, V. I., 1971, Parazitologiya, Lenin-
grad, v. 5 (2), 128-136
[*Citellus erythrogenys*]
[*Microtus oeconomus*]
all from northeastern Kazakhstan
- Oropsylla ilovaiskii*
Protopopian, M. G.; et al., 1975, Parazitolo-
giia, Leningrad, v. 9 (2), 165-174
specific composition of arthropod popula-
tions inhabiting burrows of *Rhombomys opimus*
in natural plague nidus, different ecological
groups, structure of microbiocoenosis: Cas-
pian part of Ural-Embinsk inter-river area
- Oropsylla silantiewi*
Bibikova, V. A.; and Klassovskii, L. N., 1972,
Parazitologiya, Leningrad, v. 6 (3), 229-236
development of plague microbe in fleas,
literature review with some original studies
- Oropsylla silantiewi* (Wagner, 1898), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
synonymy
Marmota caudata: Afghanistan
- Oropsylla silantiewi* Wagn., 1893
Pakizh, V. I., 1971, Parazitologiya, Lenin-
grad, v. 5 (2), 128-136
Marmota bobak
[*Mustela eversmanni*]
[*Meles meles*]
all from northeastern Kazakhstan
- Orycteroxenus zachvatkin* 1941
Lukoschus, F. S.; Gerrits, P. H.; and Fain, A.,
1977, Senckenbergiana Biol., v. 58 (1-2), 83-91
key to hypopi, includes: *O. dispar* (Michael
1886); *O. notiosorex* n. sp.; *O. s. soricis*
(Oudemans 1915); *O. minor* Fain, Lukoschus &
Rack 1974; *O. micropotamogalei* (Fain 1967);
O. potamogalei (Fain 1967); *O. liberiensis*
Fain, Lukoschus & Rack 1974; *O. aequatorialis*
n. sp.; *O. pygidialis camerounensis* Fain &
Lukoschus 1974; *O. p. pygidialis* Fain &
Lukoschus 1974; *O. canadensis* Fain et al.
1971; *O. panamensis* Camerik, Lukoschus &
Mendez 1975; *O. soricis ohioensis* Fain 1969;
O. mexicanus n. sp.
- Orycteroxenus aequatorialis* n. sp., illus.
Lukoschus, F. S.; Gerrits, P. H.; and Fain, A.,
1977, Senckenbergiana Biol., v. 58 (1-2), 83-91
key
Crocidura aequatorialis
C. aequinoxialis
all from Mt. de Brazza near Brazzaville,
Congo
- Orycteroxenus mexicanus* n. sp., illus.
Lukoschus, F. S.; Gerrits, P. H.; and Fain, A.,
1977, Senckenbergiana Biol., v. 58 (1-2), 83-91
key
Blarina mexicana: near Coluco, Mexico
- Orycteroxenus notiosorex* n. sp., illus.
Lukoschus, F. S.; Gerrits, P. H.; and Fain, A.,
1977, Senckenbergiana Biol., v. 58 (1-2), 83-91
key
Notiosorex crawfordi: near Pruria, Mexico
- Orycteroxenus panamensis*, n. sp., illus.
Camerik, A. M.; Lukoschus, F. S.; and Mendez,
E., 1975, Rev. Biol. Trop., v. 22 (2), 1974,
239-245
Cryptotis n. nigrescens: Panama (Cerro
Punta and Distrito Renacimiento, Chiriqui
Province; Rio Indio, Changuinola, Bocas del
Toro Province)
- Orycteroxenus soricis* (Oudem.)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Glis glis
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Orycteroxenus soricis*
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Otobius megnini* (Duges, 1844)
Bulman, G. M.; and Walker, J. B., 1979, J.
South African Vet. Ass., v. 50 (2), 107-108
Otobius megnini, dairy cattle, larvae and
nymphae found feeding under host tail:
Cochabamba, Bolivia
- Otobius megnini*
MacLeod, J.; and Mwanaumo, B., 1978, Bull.
Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle,
anomalous infestation patterns in 3 ecologi-
cally different areas, seasonal distribution
cat: Zambia

- [*Otodectes*] *otodektoz*
Strinadkin, P. S., 1978, *Veterinariia*, Moskva (10), 64-66
Sarcoptiformes, domestic animals, treatment: western Siberia
- Otodectes* sp.
Carpenter, J. W.; and Hillman, C. N., 1979, *Ann. Proc., Am. Ass. Zoo Vet.*, 36-47
Mustela nigripes: South Dakota, transported to Patuxent Wildlife Research Center, Laurel, Maryland
- Otodectes* sp., *illus.*
Ensley, P. K., 1979, *J. Zoo Animal Med.*, v. 10 (3), 92-93
Felis silvestris grampia (external ear canals): captive bred in England, imported to San Diego Zoo
- Otodectes cynotis*
Evans, J. M.; and Jemmett, J. E., 1978, *N. Zealand Vet. J.*, v. 26 (11), 280-283
Otodectes cynotis, aetiological role in otitis externa of dogs and cats, therapeutic recommendations
- Otodectes cynotis*
Faulk, R. H.; and Schwirck, S., 1978, *Vet. Med. and Small Animal Clin.*, v. 73 (3), 307-308
Otodectes cynotis, dogs, cats (ears of both), tresaderm, clinical trial, highly effective
- Otodectes cynotis*
Herwick, R. P., 1978, *Arch. Dermat.*, Chicago, v. 114 (1), 130 [Letter]
pruritic eruptions on torso and extremities of woman who had just acquired a puppy that was infected with *Otodectes cynotis*: San Francisco
- Otodectes cyanotis* [i.e.? *cynotis*]
Malloy, W. F.; and Embil, J. A., 1978, *Canad. J. Comp. Med.*, v. 42 (1), 29-31
Toxocara canis, *T. cati*, *Toxascaris leonina*, and other parasites, prevalence in dogs or cats, percentages by sex and age, survey initiated because of cases of human visceral larva migrans, public health implications cats: Halifax, Nova Scotia
- Otodectes cynotis*, *illus.*
Nie, I. A.; and Pick, C. R., 1978, *J. Inst. Animal Techn.*, v. 29 (1), 63-68
Otodectes cynotis, ferrets (ears). PB dressing: laboratory colony, Mill Hill, London
- Otodectes cynotis*
Pott, J. M.; and Riley, C. J., 1979, *Vet. Rec.*, v. 104 (25), 579
Otodectes cynotis, dogs, cats (ear canals of both), canaural, comparison with proprietary topical ear preparation (clendrol), controlled trial
- Oulocrepis Keler*, 1939
Zlotorzycska, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and *Trichodectoidea*, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Oxylipeurus tetraonis* Grube
Groza, V. K., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 375-383
Tetrao urogallus: Kazakhstan
- Pachylaelaps* [sp.] aff. *karawaiewi* Berlese
Reitblat, A. G., 1970, *Parazitologiya*, Leningrad, v. 4 (4), 359-362
seasonal distribution
[*Meriones tamariscinus*]: Tersko-Kumsk territory (North Caucasus)
- Pachylaelaps* sp.
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Pachylaelaps furcifer*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus: Gory Sowie (Middle Sudetes), Poland
- Paguritherium alatum* Reinhard, 1945
Adkison, D. L.; and Heard, R. W., 1978, *Proc. Biol. Soc. Wash.*, v. 91 (2), 408-417
Pagurus longicarpus
P. annulipes
all from inshore marine waters near Beaufort, North Carolina
- Palaeopsylla* Wagner, 1903
Chen, N. Y.; Wei, S. F.; and Li, K. C., 1979, *Acta Entom. Sinica*, v. 22 (3), 349-354
key to species, includes: *P. longidigita* sp. nov.; *P. obtuspinata* sp. nov.; *P. remota*; *P. miranda*; *P. sinica*; *P. incurva*; *P. recava*; *P. kappa*
definition revised
- Palaeopsylla atlantica grulichii*
Laumond, C.; and Beaucournu, J. C., 1978, *Ann. Parasitol.*, v. 53 (3), 291-302
parasitized by *Allantonematidae incertae sedis*
- Palaeopsylla helenae* Lewis, 1973
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Soriculus nigrescens
S. caudatus
S. leucops
Apodemus gorkha
all from Dhaulagiri region of western Nepal
- Palaeopsylla iberica*
Laumond, C.; and Beaucournu, J. C., 1978, *Ann. Parasitol.*, v. 53 (3), 291-302
parasitized by *Allantonematidae incertae sedis*
- Palaeopsylla kohauti*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Sorex araneus: Gory Sowie (Middle Sudetes), Poland
- Palaeopsylla longidigita* sp. nov., *illus.*
Chen, N. Y.; Wei, S. F.; and Li, K. C., 1979, *Acta Entom. Sinica*, v. 22 (3), 349-354
key
Soriculus hypsibius hypsibius: Szechuan, China
- Palaeopsylla minor* (Dale 1878)
Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu*, s. C, *Biol. Terr.*, v. 25 (1), 69-86
Pyrenees-Orientales, France; Lerida, and Gerona, Spain

- Palaeopsylla minor*
Laumond, C.; and Beaucournu, J. C., 1978, Ann. Parasitol., v. 53 (3), 291-302
parasitized by Allantonematidae incertae sedis
- Palaeopsylla minor minor* (Dale), 1878
King, C. M., 1976, J. Zool., London, v. 180 (4), 525-535
fleas of *Mustela nivalis*, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford
- Palaeopsylla obtuspina* sp. nov., illus.
Chen, N. Y.; Wei, S. F.; and Li, K. C., 1979, Acta Entom. Sinica, v. 22 (3), 349-354
key
Soriculus hypsibius hypsibius
Apodemus agrarius chevrieri
all from Szechuan, China
- Palaeopsylla remota* Jordan
Chen, N. Y.; Wei, S. F.; and Li, K. C., 1979, Acta Entom. Sinica, v. 22 (3), 349-354
key
[no host]: Szechuan, China
- Palaeopsylla similis*
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Palaeopsylla similis*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Sorex araneus: Gory Sowie (Middle Sudetes), Poland
- Palaeopsylla similis*
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Sorex araneus
Neomys fodiens
Neomys anomalus
all from west and east Beskid (Poland)
- Palaeopsylla sorecis*
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Palaeopsylla soricis* Dale
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-skaia, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
all from Belorussian Polesia
- Palaeopsylla soricis* (Dale, 1978)
Beaucournu, J. C., 1977, Bull. Soc. Entom. France, v. 82 (1-2), 22-25
distribution of subspecies in France and Spain
- Palaeopsylla soricis* spp.
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, Spain
- Palaeopsylla soricis*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Palaeopsylla soricis*
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Pitymys subterraneus
Apodemus agrarius
Apodemus sylvaticus
Apodemus tauricus
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
Neomys anomalus
all from west and east Beskid (Poland)
- Palaeopsylla soricis rosickyi* Smit 1960, illus.
Beaucournu, J. C., 1977, Bull. Soc. Entom. France, v. 82 (1-2), 22-25
France
- Palaeopsylla soricis rosickyi* x *Palaeopsylla soricis*, illus.
Beaucournu, J. C., 1977, Bull. Soc. Entom. France, v. 82 (1-2), 22-25
France
- Palaeopsylla soricis scobina* Smit et Rosicky, 1965
Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
fleas, geographic distribution, morphological variability: Bulgaria
- Palaeopsylla soricis soricis* (Dale, 1878), illus.
Beaucournu, J. C., 1977, Bull. Soc. Entom. France, v. 82 (1-2), 22-25
France
- Palaeopsylla soricis soricis* (Dale)
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
Sorex minutus: Ireland
- Palaeopsylla soricis soricis*
Laumond, C.; and Beaucournu, J. C., 1978, Ann. Parasitol., v. 53 (3), 291-302
parasitized by Allantonematidae incertae sedis
- Palaeopsylla soricis soricis* x *Palaeopsylla soricis rosickyi*, illus.
Beaucournu, J. C., 1977, Bull. Soc. Entom. France, v. 82 (1-2), 22-25
France
- Palaeopsylla soricis vesperis* Smit (1975), illus.
Beaucournu, J. C., 1977, Bull. Soc. Entom. France, v. 82 (1-2), 22-25
France; Spain
- Palaeopsylla soricis vesperis*
Laumond, C.; and Beaucournu, J. C., 1978, Ann. Parasitol., v. 53 (3), 291-302
parasitized by Allantonematidae incertae sedis

- Palaeopsylla tauberi tauberi* Lewis, 1973
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Soriculus nigrescens
S. caudatus
all from Dhaulagiri region of western Nepal
- Pandarus bicolor* Leach, 1816
Hewitt, G. C., 1979, *N. Zealand J. Marine and Freshwater Research*, v. 13 (1), 171
Carcharodon carcharias: Pukerua Bay, near Wellington, New Zealand
- Pandarus satyrus* Dana, 1852
Hewitt, G. C., 1979, *N. Zealand J. Marine and Freshwater Research*, v. 13 (1), 171
Carcharodon carcharias (in angles of branchial chamber): Pukerua Bay, near Wellington, New Zealand
- Paraceras melis melis* (Walker 1856)
Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu*, s. C, *Biol. Terr.*, v. 25 (1), 69-86
Pyrenees-Orientales, France
- Paraceras melis melis* (Walker)
Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
Meles meles: Ireland
- Paraceras melis melis* (Walker, 1856)
Suciu, M., 1975, *Boll. Mus. Civ. Storia Nat. Verona*, v. 2, 1-12
Vulpes vulpes: Italy
- Paracoroptes natalensis* n. sp., illus.
Fain, A.; and Segerman, J., 1978, *Rev. Zool. Africaine*, v. 92 (3), 700-702
Thryonomys swinderianus: Cape Vidal, 25 KM N. of Sta Lucia, Natal, South Africa
- Paractenopsyllus*
Goncharov, A. I., 1971, *Parazitologiia, Leningrad*, v. 5 (4), 369-373
Leptopsyllidae
- Paractenopsyllus petiti*
Fain, A.; and Beaucournu, J. C., 1976, *Rev. Zool. Africaine*, v. 90 (1), 181-187
Microgale sp.: Perinet, Madagascar
- Paracymothoa parva* sp. nov., illus.
Taberner, R., [1977], *Physis, Rev. Asoc. Argent. Cien Nat.* (91), v. 35, Secc. B, Nov., 1976, 163-169
Hyphessobrycon callistus: esteros del Riachuelo, Cruce Itati, prov. de Corrientes
- Paradoxopsyllus*
Goncharov, A. I., 1971, *Parazitologiia, Leningrad*, v. 5 (4), 369-373
Leptopsyllidae
- Paradoxopsyllus Miyajima and Koidsumi*, 1909, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Leptopsyllidae, Amphipsyllinae, key
- Paradoxopsyllus Miyajima & Koidsumi*, 1909
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
general characteristics; key to species, includes: *P. teretifrons*; *P. custodis*; *P. scalonae*; *P. magnificus* n. sp.; *P. curvispinus*; *P. acanthus* n. sp.; *P. spinosus* n. sp.; *P. integer*; *P. grenieri*; *P. gussevi*; *P. microphthalmus*; *P. hesperius*; *P. hollandi* n. sp.; *P. alatau*; *P. kalabukhovi*; *P. scorodumovi*; *P. paucichaetus*; *P. naryni*; *P. repandus*; *P. digitatus* n. sp.; *P. dashidorzhi*; *P. mustangensis* n. sp.; *P. oribatus* n. sp.; *P. conveniens*; *P. phaeopsis*; *P. paraphaeopsis* n. sp.
- Paradoxopsyllus acanthus* n. sp., illus.
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
key
Rattus rattoides: Rara Lake, Mugu District
Mus musculus: Rara Lake, Mugu District
Alticola roylei: Rara Lake, Mugu District; Maharigaon, Jumla District
Rattus nitidus: Maharigaon, Jumla District
all from Nepal
- Paradoxopsyllus alatau* Schwarz
Goncharov, A. I., 1973, *Parazitologiia, Leningrad*, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus alatau* Schwarz, 1953
Kunitskaia, N. T.; and Kunitskii, V. N., 1978, *Zool. Zhurnal*, v. 57 (3), 457-459
Rhombomys opimus: Alakoi hollow, vicinity of lake Zhalanashkul (Semipalatinsk oblast)
- Paradoxopsyllus alatau* Schwartz, 1953, illus.
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
key
- Paradoxopsylla alatau* Schw., 1953
Pakizh, V. I., 1971, *Parazitologiia, Leningrad*, v. 5 (2), 128-136
[*Alticola strelzovi*]: northeastern Kazakhstan
- Paradoxopsyllus curvispinus*, illus.
Goncharov, A. I., 1973, *Parazitologiia, Leningrad*, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus custodis* J., illus.
Goncharov, A. I., 1973, *Parazitologiia, Leningrad*, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus custodis* Jordan, 1932, illus.
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
key
Rattus rattoides: Tarke Ghyang, Sindus District, Nepal
- Paradoxopsyllus custodis*
Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
fleas, malformations
Rattus flavipectus: Tali, Yunnan

- Paradoxopsyllus custodis* Jordan, illus.
Smit, F. G. A. M., 1978, J. Nat. Hist., v. 11 (6), 693-702
"Lewis (1974: 46) recorded a single pair of 'P. custodis' from Tarke Ghyang, 28°02'N 85°34'E, 2530 m, Sindu district, Nepal, from *Rattus rattoides*; those specimens possibly also belong to *P. dictosus*."
- Paradoxopsyllus dashidorzhii* Sc.
Goncharov, A. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus dashidorzhii*
Lazareva, L. A.; and Eshelkin, I. I., 1975, Parazitologiya, Leningrad, v. 9 (1), 57-60
+*Alticola strelzovi* (nest): south-eastern Altai
- Paradoxopsyllus dashidorzhii* Scalon (1953)
Voronova, G. A.; and Feoktistov, A. Z., 1978, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (2), 97-100
fleas, *Yersinia pestis* subcultures isolated
- Paradoxopsyllus dictosus* Smit, 1975, illus.
Smit, F. G. A. M., 1978, J. Nat. Hist., v. 11 (6), 693-702
description of male
Rattus rattoides: Dhaulagiri region of western Nepal
- Paradoxopsyllus digitatus* n. sp., illus.
Lewis, R. E., 1974, J. Med. Entom., v. 11 (1), 46-67
key
Rattus nitidus
Alticola roylei
Soriculus nigrescens
all from Dhorpatan, Dolpa District, Nepal
- Paradoxopsyllus digitatus* Lewis, 1974
Smit, F. G. A. M., 1978, J. Nat. Hist., v. 11 (6), 693-702
Soriculus nigrescens
Pitymys sikimensis
all from Dhaulagiri region of western Nepal
- Paradoxopsyllus grenieri* Klein
Goncharov, A. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus;
"P. paucichaetus Yu, Wu et Liu is close to *P. scorodumovi* Scalon and *P. grenieri* Klein to *P. repandus* (Roths.) and, apparently, are no more than their subspecies."
- Paradoxopsyllus gussevi* Mirsoeva
Goncharov, A. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus hesperius* I., illus.
Goncharov, A. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus hollandi* n. sp., illus.
Lewis, R. E., 1974, J. Med. Entom., v. 11 (1), 46-67
key
Mus musculus: Lukla, Solukhumbu District
Soriculus nigrescens: Lukla, Solukhumbu District
Rattus fulvescens: Khumjung and Lukla, Solukhumbu District
Alticola roylei: Lukla, Solukhumbu District
all from Nepal
- Paradoxopsyllus integer*, illus.
Goncharov, A. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus intermedius* sp. nov., illus.
Hsieh, P. C.; Yang, X. S.; and Li, K. C., 1978, Acta Entom. Sinica, v. 21 (1), 91-98
Rattus nitidus
Pitymys leucurus
Apodemus latronum
A. agrarius
Rattus losea celsus
all from Zhongdian, Yunnan
- Paradoxopsyllus jinshajiangensis* sp. nov., illus.
Hsieh, P. C.; Yang, X. S.; and Li, K. C., 1978, Acta Entom. Sinica, v. 21 (1), 91-98
Rattus losea celsus: Deqin, Yunnan
- Paradoxopsyllus kalabukhovi* Labunetz
Goncharov, A. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus longiprojectus* sp. nov., illus.
Hsieh, P. C.; Yang, X. S.; and Li, K. C., 1978, Acta Entom. Sinica, v. 21 (1), 91-98
+*Rattus* (nest): Lijiang, Yunnan
R. flavipectus: Heqing, Yunnan
- Paradoxopsyllus macrophthalmus* Ioff, 1946, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Calomyscus bailwardi
Alticola roylei
all from Afghanistan
- Paradoxopsyllus magnificus* n. sp., illus.
Lewis, R. E., 1974, J. Med. Entom., v. 11 (1), 46-67
key
Alticola sp.: Mustang; Charang; Ghilinggaon
Apodemus sp.: Mustang; Muktinath; Ghilinggaon
Sorex sp.: Mustang
all from Mustang District, Nepal
- Paradoxopsyllus microphthalmus* I.
Goncharov, A. I., 1973, Parazitologiya, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus microphthalmus* Ioff, 1946, illus.
Lewis, R. E., 1974, J. Med. Entom., v. 11 (1), 46-67
key

- Paradoxopsyllus mustangensis* n. sp., illus.
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
key
Rattus rattoides (leg)
Mus musculus
all from Kalapani, Mustang District, Nepal
- Paradoxopsyllus mustangensis* Lewis, 1974
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Apodemus sylvaticus
Rattus rattoides
all from Dhaulagiri region of western Nepal
- Paradoxopsyllus naryni* Wagn.
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus oribatus* n. sp., illus.
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
key
Apodemus sp.: Muktinath
A. sylvaticus: Jomosome
Ochotona sp.: Lupra
all from Mustang District, Nepal
- Paradoxopsyllus paraphaeopis* n. sp., illus.
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
key
Rattus sp. (leg): Mustang, Mustang District, Nepal
- Paradoxopsyllus paucichaetus* Yu, Wu et Liu
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus;
"P. paucichaetus Yu, Wu et Liu is close to P. scorodumovi Scalon and P. grenieri Klein to P. repandus (Roths.) and, apparently, are no more than their subspecies."
- Paradoxopsyllus repandus* (Roths.)
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus;
"P. paucichaetus Yu, Wu et Liu is close to P. scorodumovi Scalon and P. grenieri Klein to P. repandus (Roths.) and, apparently, are no more than their subspecies."
- Paradoxopsyllus repandus* Roths., 1913
Kunitskaia, N. T.; and Kunitskii, V. N., 1978, *Zool. Zhurnal*, v. 57 (3), 457-459
Rhombomys opimus: Alakoi hollow, vicinity of lake Zhalanashkul (Semipalatinsk oblast)
- Paradoxopsyllus scalonae*, illus.
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paradoxopsyllus scorodumovi* Sc.
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus;
"P. paucichaetus Yu, Wu et Liu is close to P. scorodumovi Scalon and P. grenieri Klein to P. repandus (Roths.) and, apparently, are no more than their subspecies."
- Paradoxopsyllus skorodumovi*
Lazareva, L. A.; and Eshelkin, I. I., 1975, *Parazitologiya*, Leningrad, v. 9 (1), 57-60
+*Alticola strelzovi* (nest): south-eastern Altai
- Paradoxopsyllus scorodumovi*
Vasil'ev, G. I.; Elistratova, N. P.; and Lazareva, L. A., 1979, *Ekologiya*, Sverdlovsk (1), 97-99
Paradoxopsyllus scorodumovi parasitizing *Ochotona pricei* in plague focus, ecology: seasonal distribution, abundance on animals, in nests, and in burrow entrances, age and sex composition of populations, high alimentary activity: Gorno-Altai
- Paradoxopsyllus socrati* sp. n., illus.
Kunitskaia, N. T.; and Kunitskii, V. N., 1978, *Zool. Zhurnal*, v. 57 (3), 457-459
Rhombomys opimus: Alakol hollow, vicinity of lake Zhalanashkul (Semipalatinsk oblast)
- Paradoxopsyllus spinosus* n. sp., illus.
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (1), 46-67
key
Rattus sp.: Mustang
Mus musculus: Muktinath
all from Mustang District, Nepal
- Paradoxopsyllus teretifrons* (Roths.)
Goncharov, A. I., 1973, *Parazitologiya*, Leningrad, v. 7 (3), 264-269
Paradoxopsyllus, 16 spp. arranged in 5 groups on basis of morphology of aedeagus
- Paraergasilus brevidigitus* Yin, 1954, illus.
Hanek, J.; and Dulmaa, A., 1970, *Folia Parasitologica*, v. 17 (1), 77-80
brief description
Leuciscus waleckii (nostrils): Mongolia
- Paraergasilus rylovi* Jin
Iziumova, N. A.; Mashtakov, A. V.; and Kashkovskii, V. V., 1977, *Inform. Biul. Inst. Biol. Vnutren. Vod, Akad. Nauk SSSR* (36) 64-68
[*Pelecus cultratus*]
[*Abramis brama*]
(nostril of all): all from Kamsk reservoir
- Paraergasilus rylovi*, Markewitsh, 1937
Kostarev, G. F., 1977, *Inform. Biul. Inst. Biol. Vnutren. Vod, Akad. Nauk SSSR* (36), 76-77
[*Abramis brama*]
[*Lucioperca lucioperca*]
all from Kamsk reservoir
- Paraergasilus rylovi* Jin
Mashtakov, A. V.; et al., 1977, *Inform. Biul. Inst. Biol. Vnutren. Vod, Akad. Nauk SSSR* (36), 68-71
[*Pelecus cultratus*] (nostril): Votkinsk reservoir
- Paralernanthropus foliaceus*, illus.
Kagei, N.; Kihata, M.; and Asano, K., 1977, *Bull. Inst. Pub. Health, Tokyo*, v. 26 (1), 1-13
description
Thyrsites atum (gill): shore of Island of Banks, New Zealand
- Paralernanthropus foliaceus* (Goggio), illus.
Kurochkin, Iu. V., 1978, *Biol. Moria, Vladivostok* (2), 40-46
parasite coloration, possible functions, review
Plagiogeneion macrolepis (gills): Great Australian gulf

- Paralges leptocentrus (Gaud et Mouchet), illus.
Gaud, J., 1978, Rev. Zool. Africaine, v. 92
(4), 1023-1052
Syn.: Dermoglyphus leptocentrus, Gaud et
Mouchet, 1959; Gaud et Till, 1961
Aerops albicollis
Melittophagus bulocki
all from Cameroun
- Paramacrochiron sewelli Reddiah, 1968, illus.
Avdeev, G. V., 1975, Parazitologiya, Leningrad,
v. 9 (2), 202-204
description
Trachurus trachurus (gills): region of Sri
Lanka
- Paramolgus insectus (Humes, 1969)
Humes, A. G., 1979, Beaufortia (347), v. 28,
113-120
Antipathes abies: southwestern side of
Goenoeng Api, Banda Islands, Moluccas
- Parapetalus longipennatus Rangnekar, illus.
Hameed, M. S.; and Pillai, N. K., 1972,
v. 40 (3), 329-334
redescription
Caranx stellatus
C. ignobilis
C. nigrescens
(throat of all): all from Trivandrum
- Parasecia
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key, key to species from Surinam
- Parasecia aitkeni (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
- Parasecia longicalcar (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
Phyllostomus hastatus: Surinam
- Parasecia manuelei (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
Proechimys guyannensis
Molossus sp.
all from Surinam
- Parasecia palmigera (Fauran, 1960) n. comb.
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
Syn.: Trombicula palmigera Fauran, 1960
Philander opossum
Rattus frugivorus
Zygodontomys brevicauda microtinus
all from Lelydorp, Surinam
- Parasecia valida (Brennan, 1969)
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
- Parasitidae undet. spp.
Nakata, K., 1979, Eisei Dobutsu (Japan. J. San.
Zool.), v. 30 (3), 283-288
gamasid mites, seasonal fluctuations on small
rodents in a wind-shelter belt
Clethrionomys rufocanus bedfordiae
C. rutilus mikado
Apodemus giliacus
all from Tonden, Sapporo, Hokkaido
- Parasitidae gen. sp.
Reitblat, A. G., 1970, Parazitologiya, Leningrad,
v. 4 (4), 359-362
seasonal distribution
[Meriones tamariscinus]
[M. meridianus]
all from Tersko-Kumsk territory (North Cau-
casus)
- Parasitus sp.
Addison, E. M.; Pybus, M. J.; and Rietveld,
H. J., 1978, Canad. J. Zool., v. 56 (10),
2122-2126
Ursus americanus: central Ontario, Canada
- Parasitus sp.
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Parasitus sp.
Ramsay, G. W.; and Paterson, S. E., 1977,
N. Zealand J. Zool., v. 4 (4), 389-392
Rattus norvegicus: Raoul Island
- Parasitus sp.
Volianskii, Iu. E., 1974, Parazitologiya,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of Microtus arvalis,
seasonal changes in abundance, females were
dominant in collections: vicinity of Odessa,
south-eastern Ukraine
- Parasitus (E.) [sp.] aff. custructurus (Holzm.)
Volianskii, Iu. E., 1974, Parazitologiya,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of Microtus arvalis,
seasonal changes in abundance, females were
dominant in collections: vicinity of
Odessa, south-eastern Ukraine
- Parasitus sp.
Volkov, V. I.; et al., 1979, Vestnik Zool.,
Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2),
63-65
Myopus schisticolor: spur of Miao-Chan
range, environs of Tikhii, Khabarovsk krai,
Lower Priamur'e
- Parasitus (V.) burchanensis Oud.
Volianskii, Iu. E., 1974, Parazitologiya,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of Microtus arvalis,
seasonal changes in abundance, females were
dominant in collections: vicinity of Odessa,
south-eastern Ukraine
- Parasitus coleoptratorum (L.)
Volianskii, Iu. E., 1974, Parazitologiya,
Leningrad, v. 8 (1), 12-14
gamasid mites in nests of Microtus arvalis,
seasonal changes in abundance, females were
dominant in collections: vicinity of Odessa,
south-eastern Ukraine

- Parasitus (C.) consanguineus* Oud. et Voig. group
 Volianskii, Iu. E., 1974, *Parazitologiya*,
 Leningrad, v. 8 (1), 12-14
 gamasid mites in nests of *Microtus arvalis*,
 seasonal changes in abundance, females were
 dominant in collections: vicinity of Odessa,
 south-eastern Ukraine
- Parasitus distinctus*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*,
 v. 47 (3), 429-485
Clethrionomys glareolus
Mus musculus
 all from Gory Sowie (Middle Sudetes), Poland
- Parasitus (V.) hyalinus* (Willm.)
 Volianskii, Iu. E., 1974, *Parazitologiya*,
 Leningrad, v. 8 (1), 12-14
 gamasid mites in nests of *Microtus arvalis*,
 seasonal changes in abundance, females were
 dominant in collections: vicinity of Odessa,
 south-eastern Ukraine
- Parasitus kraepelini*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*,
 v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Sorex alpinus
 all from Gory Sowie (Middle Sudetes), Poland
- Parasitus lunulatus*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*,
 v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Sorex araneus
Sorex minutus
 all from Gory Sowie (Middle Sudetes), Poland
- Parasitus magnus*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*,
 v. 47 (3), 429-485
Apodemus tauricus
Sorex alpinus
 all from Gory Sowie (Middle Sudetes), Poland
- Parasitus remberti*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*,
 v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
Sorex alpinus
Neomys fodiens
Crocidura suaveolens
 all from Gory Sowie (Middle Sudetes), Poland
- Parasitus (V.) remberti* (Oud.)
 Volianskii, Iu. E., 1974, *Parazitologiya*,
 Leningrad, v. 8 (1), 12-14
 gamasid mites in nests of *Microtus arvalis*,
 seasonal changes in abundance, females were
 dominant in collections: vicinity of Odessa,
 south-eastern Ukraine
- Paraspeleognathopsis* Fain, 1958
 O'Connor, B. M., 1978, *J. N. York Entom. Soc.*,
 v. 86 (2), 123-129
Speleognathinae; key
- Paraspeleognathopsis (Speleorodens) clethri-*
nomys Fain and Lukoschus 1968
 O'Connor, B. M., 1978, *J. N. York Entom. Soc.*,
 v. 86 (2), 123-129
 as syn. of *Speleorodens michigensis* (Ford,
 1962) new comb.
- Paraspeleognathopsis exul* Domrow 1975, to *Dom-*
rownetes n. gen. [comb. indicated not made] (tod)
 O'Connor, B. M., 1978, *J. N. York Entom. Soc.*,
 v. 86 (2), 123-129
- Paraspeleognathopsis michigensis* Domrow 1975
 O'Connor, B. M., 1978, *J. N. York Entom. Soc.*,
 v. 86 (2), 123-129
 as syn. of *Speleorodens michigensis* (Ford,
 1962) new comb.
- Parastivalius* sp.
 Mardon, D. K., 1978, *Zool. Mededel. Rijksmus.*
Nat. Hist., Leiden, v. 53 (1), 10 pp.
Echymipera doreyana: Hollandia, Dutch New
 Guinea (West Irian)
- Parastivalius novaeguineae* (Rothschild, 1904)
 Mardon, D. K., 1978, *Zool. Mededel. Rijksmus.*
Nat. Hist., Leiden, v. 53 (1), 10 pp.
Phascolosorex doriae: Rattan Camp, 1150 m
 (West Irian)
- Parastivalius serus* new species, *illus.*
 Mardon, D. K., 1978, *Zool. Mededel. Rijksmus.*
Nat. Hist., Leiden, v. 53 (1), 10 pp.
Satanellus albopunctatus: Mist Camp, 1800 m,
 on Idenburg River, Dutch New Guinea (West
 Irian)
Peroryctes longicaudata dorsalis: Mist Camp,
 1800 m, on Idenburg River, Dutch New Guinea
 (West Irian)
Phascolosorex doriae: Rattan Camp, 1150 m,
 near Araucaria River
- Parataeniacanthus longicervis* Pillai, 1963,
illus.
 Cressey, R.; and Cressey, H. B., 1979, *Smith-*
sonian Contrib. Zool. (296), 1-71
 measurements
Saurida undosquamis (gills): South China
 Sea
S. elongata (gills): Hong Kong
- Passerrhinoptes pycnonoti* sp. n., *illus.*
 Fain, A., 1977, *Rev. Zool. Africaine*, v. 91
 (1), 83-116
Pycnonotus barbatus tricolor (fosses
 nasales): Riviere Akanyaru, Rwanda
- Passerrhinoptes zumpti* Fain, 1965, *illus.*
 Fain, A., 1977, *Rev. Zool. Africaine*, v. 91
 (1), 83-116
- Patrinysus hubbardi*
 Whitaker, J. O., jr.; Maser, C.; and Wallace,
 W. M., 1979, *Northwest Sc.*, v. 53 (4), 264-267
Aplodontia rufa (fur): Oregon
- Pectinoctenus* Wagner, 1929
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
 Sept. 14, 1-161
 subgen. of *Leptopsylla*, key

- Pectinoctenus nemorosus* Tifl., 1937
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Apodemus*]
[*Alticola strelzovi*]
all from northeastern Kazakhstan
- Pectinoctenus pamirensis* Ioff, 1946
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Leptopsylla* (*Pectinoctenus*) *pamirensis* (Ioff, 1946)
- Pectinoctenus pavlovskii* I., 1927
Pakizh, V. I., 1971, *Parazitologiya*, Leningrad, v. 5 (2), 128-136
[*Phodopus sungorus*]
[*Cricetulus barabensis*]
[*Allocricetus evermanni*]
all from northeastern Kazakhstan
- Pectinopygus gracilicornis* (Piaget)
Uilenberg, G., 1977, *J. Med. Entom.*, v. 13 (4-5), 516
Fregata a. ariel: Msasani Peninsula, Dar es Salaam, Tanzania
- Pedicinus* sp.
Wong, M. M.; and Conrad, H. D., 1978, *Lab. Animal Sc.*, v. 28 (4), 412-416
Macaca fascicularis
M. mulatta
M. radiata
(body hair of all): all wild caught in Asia, maintained at National Center for Primate Biology
- Pedicinus obtusus* Rudow, 1869
Prosl, H.; and Tamer, A., 1979, *Zentralbl. Vet-Med.*, Reihe B, v. 26 (9), 696-709
Macaca mulatta (Kopf, Schultern)
- Pediculosis*
Paige, T. N., 1979, *Current Therapy (Conn)*, 637-638
pediculosis, human, treatment, review
- Pediculosis*
Robinson, D. D., 1976, *Rev. Brasil. Med.*, v. 33 (5), 167-169
human scabies and pediculosis, clinical trials using monosulfiram to treat a rural population
- Pediculosis*
Scabies and *Pediculosis*, edited by Orkin, M.; et al., 1977, 203 pp., illus.
collection of articles on many aspects of these infestations
- Pediculosis, illus.*
Whiting, D. A., 1976, *Proc. Electron Microsc. Soc. South. Africa*, v. 6, 45-46
pediculosis nits, human (hair), differentiation from pseudonits (peripilar casts), scanning electron microscopy
- Pediculus Linnaeus*, 1758
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Pediculus buteonis* J. C. Fabricius, 1776
Zlotorzyska, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
as syn. of *Laemobothrion m. maximum* (Scopoli, 1763)
- Pediculus capitis*
Blommers, L., 1978, *Acta Leidensia*, v. 46, 7-8
Pediculus capitis, humans and on human hair in vitro, malathion shampoo
- Pediculus capitis*
Blommers, L., 1979, *J. Med. Entom.*, v. 16 (1), 82-83
Pediculus capitis, nymph rearing technique, insecticide tests against nymphs
- Pediculus capitis* De Geer
Blommers, L.; and van Lennep, M., 1978, *Acta Leidensia*, v. 46, 9-15
Pediculus capitis, susceptibility of 1st instar nymphs to malathion, propoxur, and plifenate, residual action of 3 compounds applied as lotions to human hair
- Pediculus capitis* De Geer
Busvine, J. R., 1978, *System. Entom.*, v. 3 (1), 1-8
Pediculus capitis and *P. humanus*, differential diagnosis, 2 distinct species
- Pediculus capitis, illus.*
Dittmann, I.; and Eichler, W., 1978, *Ang. Parasitol.*, v. 19 (4), Suppl. (25), 16 pp.
Pediculus capitis, human, symptoms, diagnosis, incidence, pathology, prevention, treatment; morphology, systematics, development, life cycle, transmission, leaflet
- Pediculus capitis* DeGeer
Schaefer, C. W., 1978, *Tr. Roy. Soc. Trop. Med. and Hyg.*, v. 72 (6), 669-670
Pediculus capitis, *P. humanus*, no positive or negative correlation between possession of many head lice with possession of many body lice, the two populations are not only spatially isolated but ecologically isolated
- Pediculus capitis*
Schulze, P., 1978, *Ang. Parasitol.*, v. 19 (2), 73-76
microorganisms, mites, and lice, reactions of human skin, brief review
- Pediculus capitis*
Shashindran, C. H.; et al., 1978, *Brit. J. Dermat.*, v. 98 (6), 699-700
human pediculosis capitis, successful systemic (oral) therapy using combination of trimethoprim and sulphamethoxazole without additional external application of insecticides; drugs when used separately were not effective
- Pediculus columbae* L., 1758
Hill, W. W.; and Tuff, D. W., 1978, *J. Kansas Entom. Soc.*, v. 51 (2), 307-327
as syn. of *Columbicola columbae* (L., 1758)
- Pediculus humanus* Linnaeus
Busvine, J. R., 1978, *System. Entom.*, v. 3 (1), 1-8
Pediculus capitis and *P. humanus*, differential diagnosis, 2 distinct species
- Pediculus humanus*
Ogunrinade, A., 1978, *Tr. Roy. Soc. Trop. Med. and Hyg.*, v. 72 (4), 445 [Letter]
Pediculus humanus, case report of infection of 3-month-old baby: Nigeria

- Pediculus humanus*
 Schaefer, C. W., 1978, Tr. Roy. Soc. Trop. Med. and Hyg., v. 72 (6), 669-670
Pediculus capitis, *P. humanus*, no positive or negative correlation between possession of many head lice with possession of many body lice, the two populations are not only spatially isolated but ecologically isolated
- Pediculus humanus*
 Schulze, P., 1978, Ang. Parasitol., v. 19 (2), 73-76
 microorganisms, mites, and lice, reactions of human skin, brief review
- Pediculus humanus, illus.*
 Shkol'nik, L. Ia., 1972, Parazitologiya, Leningrad, v. 6 (3), 237-245
Pediculus humanus, ultrastructure of some body organs
- ?*Pediculus humanus*
 Watling, D., 1977, Fiji Agric. J., v. 39 (2), 116-117
Pycnonotus cafer: Sigatoka Valley, Viti Levu, Fiji Islands
- Pediculus humanus capitis*
 Blommers, L.; and van Lennep, M., 1978, Entom. Exper. et Applic., v. 23 (3), 243-251
Pediculus humanus capitis, school children, field trials with lindane, laboratory tests with lindane, dieldrin, and malathion, presence of resistance to lindane confirmed: Netherlands
- Pediculus humanus capitis* De Geer
 Currier, R. W.; et al., 1979, Proc. Iowa Acad. Sc., v. 86 (2), 41-43
Pediculus humanus capitis, outbreak in school children, epidemiology, control: Ames, Iowa
- Pediculus humanus capitis, illus.*
 Hausmann, K., 1979, Mikrokosmos, v. 68 (12), 380-382
Pediculus humanus capitis, eggs, morphology, scanning electron microscopy
- Pediculus humanus capitis, illus.*
 Mazzini, M.; and Ermini, G., 1978, Redia, 3. s., v. 61, 259-267
Pediculus humanus capitis, morphology of egg, transmission and scanning electron microscopy
- Pediculus humanus var capitis*
 Muhafra, J., 1977, Semana Med. (4994), an. 84, v. 151 (1), 31-33
Pediculus humanus var capitis, children, clinical trials with povidone-iodine, good results: Argentina
- Pediculus humanus capitis, illus.*
 Rufli, T.; and Mumcuoglu, Y., 1979, Praxis, Bern, v. 68 (44), 1441-1452
 lice, biology, elimination and prevention of human infestations, extensive clinical review
- Pediculus humanus corporis, illus.*
 Hinton, H. E., 1977, J. Insect Physiol., v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Pediculus humanus corporis*
 Morley, W. N., 1977, Scottish Med. J., v. 22 (3), 211-216
 pediculosis, scabies, Phthirus, humans, incidence, differential diagnosis, clinical features, treatment, review
- Pediculus humanus humanus*
 Cole, M. M.; et al., 1973, J. Econom. Entom., v. 66 (1), 118-119
Pediculus h. humanus, strain from Burundi, resistance to malathion and 6 other insecticides
- Pediculus humanus humanus L.*
 Goszczynska, K.; and Styczynska, B., 1972, Roczniki Panstw. Zakl. Hig., v. 23 (2), 245-251
Pediculus humanus humanus, selection of laboratory strain reared through several generations aimed at induction of resistance to DDT and lindane; resistance developed to DDT but not to lindane
- Pediculus humanus humanus* Linn.
 Lang, J. D.; and Roan, C. C., 1974, J. Med. Entom., v. 11 (1), 112
Pediculus humanus humanus, improved method for rearing
- Pediculus humanus humanus, illus.*
 Morley, W. N., 1977, Scottish Med. J., v. 22 (3), 211-216
 pediculosis, scabies, Phthirus, humans, incidence, differential diagnosis, clinical features, treatment, review
- Pediculus humanus humanus, illus.*
 Rufli, T.; and Mumcuoglu, Y., 1979, Praxis, Bern, v. 68 (44), 1441-1452
 lice, biology, elimination and prevention of human infestations, extensive clinical review
- Pediculus humanus humanus, illus.*
 Szczesna, Z., 1978, Polskie Pismo Entom., v. 48 (4), 593-600
Pediculus humanus humanus, nymphs and imagines, description of sense organs found on legs
- Pediculus milvi* Schrank, 1803
 Zlotorzyczna, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
 as syn. of *Laemobothrion maximum circi* (Fourcroy, 1785)
- Pediculus tringae* O. Fabricius, 1780
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
 as syn. of *Saemundssonina tringae tringae* (O. Fabricius, 1780)
- Pediculus upupae* Schrank, 1803
 Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
 as syn. of *Upupicola upupae* (Schrank, 1803)
- Pediculus upupae* Schrank, 1803
 Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
 as syn. of *Upupicola upupae* (Schrank, 1803)
- Pellonyssus passeri* Clark and Yunker, 1956
 Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Passer domesticus domesticus: Mexico, D. F.

- Peltogaster paguri*, illus.
Reinhard, E. G., 1942, *J. Morphol.*, v. 70 (3), 389-402
Peltogaster paguri, reproductive role of cypris larvae ('complemental males'), description of cypris cells and accompanying nurse cells, masculinization of cypris larva to become functional male upon contact with young hermaphrodite, expels spermatogenic elements into hermaphrodite, ensures production of heterozygotes as well as homozygotes
- Penella* sp.
Dailey, M. D.; and Walker, W. A., 1978, *J. Parasitol.*, v. 64 (4), 593-596
60 stranded and 31 control cetaceans, parasites recovered, associated pathology, role of parasites as possible contributing factor in stranding behavior
Lissodelphis borealis: southern California
- Penenirmus*
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key to species parasitic on *Saxicola* and *Oenanthe* spp.
- Penenirmus copiosus* Fedorenko, sp. n., illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key
Oenanthe picata: Turkmenistan
- Penenirmus desertus* Fedorenko, sp. n., illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key
Oenanthe deserti: Turkmenistan
- Penenirmus digitiformis* Fedorenko, sp. n., illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key
Oenanthe pleschanka: Crimean and Odessa oblasts, Ukraine; Turkmenistan
- Penenirmus incurvatus* Fedorenko, sp. n., illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key
Oenanthe isabellina: Turkmenistan
- Penenirmus irritans?* Ansari, 1958, illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key
Saxicola torquata: Turkmenistan
- Penenirmus nirmoideus* (Nitzsch, 1874), illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key
Saxicola rubetra: Ukraine; Tartar ASSR
- Penenirmus solitarius* Fedorenko, sp. n., illus.
Fedorenko, I. A.; and Bel'skaia, G. S., 1979, *Vestnik Zool.*, Akad. Nauk Ukrainsk. SSR, Inst. Zool. (6), 22-28
key
Oenanthe finschii: Turkmenistan
- Penicillidia fulvida*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, *J. Mamm.*, v. 59 (3), 632-634
Miniopterus minor
M. schreibersi
all from Kenya
- Peniculus asinus* n. sp., illus.
Kabata, Z.; and Wilkes, S. N., 1977, *Canad. J. Zool.*, v. 55 (12), 1988-1991
Sebastes proriger (caudal fin): Queen Charlotte Sound, off coast of British Columbia
S. brevispinis (caudal fin): Queen Charlotte Sound, off coast of British Columbia
S. flavidus (caudal fin): Queen Charlotte Sound, off coast of British Columbia
S. mystinus (pelvic fin): off coast of Oregon
S. serranoides (pelvic fin): off coast of Oregon
- Peniculus clavatus* (Mueller, 1777)
Gaevskaia, A. V.; and Umnova, B. A., 1977, *Biol. Moria, Vladivostok* (4), 40-48
Sebastes marinus: Grand Newfoundland Bank, Northwest Atlantic
- Pentastoma* [sp.]
Hirji, K. N., 1977, *Univ. Sc. J.*, v. 3 (1-2), 39-40
Mabuya striata (lungs): Tanzania
- Pentastomes*
Geldenhuys, J. J.; et al., 1971, *J. South African Vet. Ass.*, v. 42 (1), 63-65
Papio ursinus (bronchi): University of Stellenbosch Primate Colony
- Pentastomes*
Keymer, I. F., 1978, *Vet. Rec.*, v. 103 (26-27), 577-582
parasitic and other diseases of terrapins and turtles, necropsy survey
Emys orbicularis (respiratory system)
- Pentastomida*
Fain, A., 1975, *Ann. Soc. Belge Med. Trop.*, v. 55 (1), 59-64
Pentastomida parasitic in man, brief review
- Pentastomida*
von Haffner, K., 1977, *Zool. Anz., Jena*, v. 199 (5-6), 353-370
Pentastomida, systematic position evaluated, evolution discussed
"Within the phylogenetic system the *Pentastomida* are to be placed as a special class of the *Articulata* between the *Tardigrada* and the *Myriapoda* progeneata, but they seem to be more closely related to the latter."
- Pentastomida*
Riley, J.; Banaja, A. A.; and James, J. L., 1978, *Internat. J. Parasitol.*, v. 8 (4), 245-254
Pentastomida, assessment of recent evidence regarding phylogenetic affinities, concluded that *Pentastomids* should properly be regarded as a sub-class of *Crustacea*, closely related to the sub-class *Branchiura*
- Pentastomida*
Yamamoto, H.; et al., 1978, *Snake*, v. 10 (2), 143-147
key to orders and genera found in Japan

- Pentastomids
Wong, M. M.; and Conrad, H. D., 1978, Lab. Animal Sc., v. 28 (4), 412-416
Macaca fascicularis
M. mulatta
M. nemestrina
M. radiata
M. arctoides
all wild caught in Asia, maintained at National Center for Primate Biology
- Pergamasus sp.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Apodemus tauricus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Pergamasus sp.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of Microtus arvalis, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Pergamasus sp.
Volkov, V. I.; et al., 1979, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2), 63-65
Myopus schisticolor: spur of Miao-Chan range, environs of Tikhii, Khabarovsk krai, Lower Priamur'e
- Pergamasus alpestris (Berl.)
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
Sorex minutus
all from Gory Sowie (Middle Sudetes), Poland
- Pergamasus crassipes
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
all from Gory Sowie (Middle Sudetes), Poland
- Pergamasus crassipes (L.)
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of Microtus arvalis, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Pergamasus longicornis
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
all from Gory Sowie (Middle Sudetes), Poland
- Pergamasus quisquiliarum (G. R. Can.)
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle Sudetes), Poland
- Pergamasus runciger (Berl.)
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Periglischrus caligus Kolenati, 1857
Dusbabek, F.; and Lukoschus, F., 1971, Folia Parasitol., v. 18 (2), 149-154
Glossophaga soricina soricina: Surinam
- Periglischrus iheringi Oudemans, 1902
Dusbabek, F.; and Lukoschus, F., 1971, Folia Parasitol., v. 18 (2), 149-154
Artibeus lituratus fallax: Surinam
- Periglischrus iheringi Oudemans, 1902
Hoffmann, A.; de Barrera, I. B.; and Mendez, C., 1972, Rev. Soc. Mexicana Hist. Nat., v. 33, 151-159
Platyrhinus helleri: Santiago Tuxtla, Veracruz
- Perineus nigrolimbatus (Giebel) 1874
Haarlov, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Fulmanus glacialis: Jan Mayen Island, Norway
- Peripetasma Timmermann 1954
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
subgenus of Cummingsiella
- Periplexis sp.
Orias, J. D.; Noble, E. R.; and Alderson, G. D., 1978, J. Parasitol., v. 64 (1), 49-51
Bathylagus euryops (kidney): eastern Atlantic Ocean, west of Ireland
- Perissopalla
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key, key to species from Surinam
- Perissopalla spp.
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
Carollia perspicillata
Trachops cirrhosus
Phyllostomus elongatus
all from Surinam
- Perissopalla barticonycteris Brennan, 1969
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Carollia perspicillata
Desmodus rotundus
all from Surinam
- Perissopalla flagellisetula Brennan & White, 1960
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Lonchophylla thomasi: Surinam
Micronycteris brachyotis: Surinam
Phyllostomus elongatus: Surinam
Trachops cirrhosus: Surinam
Glossophaga soricina: Surinam; French Guiana
Desmodus rotundus: French Guiana

- Perissopalla ipeani Brennan, 1969
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
Carollia perspicillata
Sturnira lilium
Phyllostomus elongatus
Trachops cirrhosus
all from Surinam
- Perissopalla tanycera Brennan, 1969
Brennan, J. M.; and van Bronswijk, J. E. M. H.,
1975, J. Med. Entom., v. 12 (2), 243-249
key
Peropteryx kappleri: Surinam
- Peristerophila new gen.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syringophilidae, key
tod: Peristerophila columba (Hirst) new
comb.
- Peristerophila
Casto, S. D., 1979, Texas J. Sc., v. 31 (3),
225-229
generic description emended
- Peristerophila sp., illus.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
- Peristerophila columba (Hirst) new comb. (tod),
illus.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syn.: Syringophilus columbae Hirst, 1920
- Peristerophila longisoma sp. n., illus.
Casto, S. D., 1979, Texas J. Sc., v. 31 (3),
225-229
Zenaida asiatica (primaries, primary coverts,
secondary coverts): Candelaria, Presidio
County, Texas
Zenaida macroura: Millett, La Salle County,
Texas
- Peristerophila zenadoura (Clark) new comb.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syn.: Syringophilus zenadourae Clark, 1964
- Peroderma pacifica n. sp., illus.
Izawa, K., 1978, Pacific Science, v. 31 (3),
1977, 253-258
Bregmaceros japonicus (buried in middle
region of body near base of dorsal fin):
beach at Orito, Simizu, Japan
- Peromyscopsylla
Goncharov, A. I., 1971, Parazitologia, Lenin-
grad, v. 5 (4), 369-373
Leptopsyllidae
- Peromyscopsylla bidentata
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Peromyscopsylla bidentata
Haitlinger, R., 1978, Polskie Pismo Entom.,
v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
Microtus agrestis
Microtus arvalis
Apodemus agrarius
Sorex araneus
Neomys fodiens
all from west and east Beskid (Poland)
- Peromyscopsylla bidentata gervasii Beaucournu
1974
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1),
69-86
Pyrenees-Orientales, France; Lerida, Spain
- Peromyscopsylla draco Hopkins
Graves, G. N.; et al., 1974, J. Med. Entom.,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Sigmodon hispidus
Onychomys leucogaster
Peromyscus leucopus
Reithrodontomys megalotis
all from Chaves County, New Mexico
- Peromyscopsylla hamifer cuneata
Hong, H. K.; Walton, D. W.; and Yoon, Y. H.,
1975, Korean J. Entom., v. 5 (2), 17-20
Clethrionomys rufocanus
Microtus fortis
all from Korea
- Peromyscopsylla hamifer hamifer (Rothschild)
Main, A. J.; et al., 1979, Entom. News, v. 90
(3), 135-140
Microtus pennsylvanicus
M. pinetorum
all from Connecticut
- Peromyscopsylla hesperomys hesperomys (Baker)
Main, A. J.; et al., 1979, Entom. News, v. 90
(3), 135-140
Peromyscus leucopus: Connecticut
- Peromyscopsylla ostsibirica (Scalon)
Haas, G. E.; Barrett, R. E.; and Wilson, N.,
1978, Canad. J. Zool., v. 56 (2), 333-338
Microtus sp.
Sorex sp.
Clethrionomys rutilus
all from Alaska
- Peromyscopsylla ostsibirica, illus.
Li, K. C.; and Wang, D. C., 1977, Acta Entom.
Sinica, [Transl.], v. 16 (2), 147-155
fleas, malformations
[no host]: Inner Mongolian Autonomous
Region
- Peromyscopsylla ravalliensis (Dunn)
Rutledge, L. C.; et al., 1979, J. Med. Entom.,
v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic
plague, field studies
Perognathus californicus
Peromyscus boylei
all from Fort Hunter Liggett, Monterey
County, California

- Peromyscopsylla scotti* Fox
Jackson, J. O.; and DeFoliart, G. R., 1976,
J. Med. Entom., v. 13 (3), 351-356
fleas, survey of nests of *Peromyscus leucopus*, data for some species on seasonal occurrence, sex ratio, abundance in relation to host sex and nesting activity: southwestern Wisconsin
- Peromyscopsylla silvatica*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Sorex araneus
Sorex minutus
all from Gory Sowie (Middle Sudetes), Poland
- Peromyscopsylla spectabilis* (Rothschild 1898)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Gerona, and Lerida, Spain
- Peromyscopsylla spectabilis* (Rothschild, 1898)
King, C. M., 1976, J. Zool., London, v. 180 (4), 525-535
fleas of *Mustela nivalis*, seasonal distribution, host specificity, origin of fleas on host: Wytham Woods, near Oxford
- Peromyscopsylla spectabilis spectabilis* Rothschild
Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Peronia rostrata*
Murray, M. D., 1978, Austral. Vet. J., v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Phaenicia* [sp.], illus.
Bowe Douglas, L.; et al., 1977, Rev. Cubana Med. Trop., v. 29 (2), 75-79
Phaenicia [sp.] causing myiasis in inner ear of infant, clinical case report: Cuba
- Phaenopsylla*
Goncharov, A. I., 1971, Parazitologia, Leningrad, v. 5 (4), 369-373
Leptopsyllidae
- Phaenopsylla* Jordan, 1944
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Leptopsyllidae, Amphipsyllinae, key
key to species, male, Afghanistan
- Phaenopsylla hopkinsi* new species, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Calomyscus bailwardi: 8 km. S Kamdesh, Afghanistan
- Phaenopsylla jordani* new species, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Calomyscus bailwardi: Shombul, 12 km. W Shibar Pass, Afghanistan
- Phaenopsylla mustersi* Jordan, 1944, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Calomyscus bailwardi: Afghanistan
- Phalacropsylla* Rothschild 1915
Lewis, R. E.; and Maser, C., 1978, J. Parasitol., v. 64 (1), 147-150
key to species
includes: *Phalacropsylla nivalis*; *P. allos*; *P. hamata*; *P. paradisea*; *P. oregonensis*
- Phalacropsylla oregonensis* sp. n., illus.
Lewis, R. E.; and Maser, C., 1978, J. Parasitol., v. 64 (1), 147-150
key
Neotoma lepida nevadensis
Peromyscus maniculatus sonoriensis
P. c. crinitus
all from Succor Creek State Park, Malheur Co., Oregon
- Phallusiella* Leigh-Sharpe, 1926
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
Herpyllobiidae
description
- Phallusiella psalliota* Leigh-Sharpe, 1926, illus.
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
description
- Phallusiella vera* Leigh-Sharpe, 1926, illus.
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
description
- Pharyngomyia picta* (Meigen, 1824)
Dorzh, C.; and Minar, J., 1971, Folia Parasitol., v. 18 (2), 161-164
Cervus elaphus maral (nasopharynx): Mongolian People's Republic
- Philoaterus*
Fedorenko, I. A.; and Volkov, V. I., 1977, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 60-70
key to species parasitic on flycatchers
- Philoaterus* Nitzsch, 1818 (part.)
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Philoaterus* sp.
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
Corvus monedula: Cataluna, Espana
- Philoaterus agelaii*
Cooper, C. L.; and Troutman, E. L., 1974, J. Med. Entom., v. 11 (2), 233
Molothrus ater ater (feathers): Ohio
- Philoaterus auratus*, Seguy, 1944
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina clayae media* n. ssp.
- Philoaterus capillatus* (Zlot., 1964), illus.
Fedorenko, I. A.; and Volkov, V. I., 1977, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 60-70
key
Muscicapa hypoleuca: Khersonsk and Khar'kovsk oblasts, USSR
- Philoaterus corvi* Linn.
Groza, V. K., 1970, Parazitologia, Leningrad, v. 4 (4), 375-383
Tetrastes bonasia: Kazakhstan

- Philopterus davuricae* sp. n., illus.
Fedorenko, I. A.; and Volkov, V. I., 1977, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 60-70
key
Muscicapa davurica: Khabarovsk krai
- Philopterus desertus* (Zlot., 1964), illus.
Fedorenko, I. A.; and Volkov, V. I., 1977, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 60-70
key
Muscicapa striata: Robensk oblast, USSR
- Philopterus hypocollii* sp. n.
Fedorenko, I. A., 1973, Parazitologiya, Leningrad, v. 7 (6), 531-535
Hypocollus ampelinus: vicinity of Morgunovka, Kushki river valley, Turkmenia
- Philopterus magnus* sp. n., illus.
Fedorenko, I. A., 1973, Parazitologiya, Leningrad, v. 7 (6), 531-535
Lanius minor: region of Liutezha, Kievsk oblast, Ukraine; Turkmenia
- Philopterus markevichi* Fedorenko sp. n., illus.
Fedorenko, I. A.; and Volkov, V. I., 1977, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 60-70
key
Muscicapa parva: Ivano-Frankovsk oblast, USSR (Dolinsk region, Myslivka)
- Philopterus meropis* (Denny) Harrison, 1916
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of *Meropoecus meropis* (Denny, 1942)
- Philopterus meropis* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Meropoecus meropis* (Denny, 1842)
- Philopterus mugimaki* sp. n., illus.
Fedorenko, I. A.; and Volkov, V. I., 1977, Vestnik Zool., Akad. Nauk Ukrainsk. SSR, Inst. Zool. (4), 60-70
key
Muscicapa mugimaki: Khabarovsk krai
- Philopterus nisi* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Craspedorrhynchus nisi* (Denny, 1842)
- Philopterus phylloscopi* sp. n., illus.
Fedorenko, I. A., 1979, Trudy Vsesoiuz. Entom. Obsh., v. 61, 17-19
Phylloscopus sibilator: Volynsk oblast USSR; Khersonsk oblast
- Philopterus rostratus* (Burmeister, 1838)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
as syn. of *Strigiphilus rostratus* (Burmeister, 1838)
- Philopterus upupae* (Schrank) Harrison, 1916
Martin Mateo, M. P., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 385-402
as syn. of *Upupicola upupae* (Schrank, 1803)
- Philornis* spp.
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Thryothorus modestus zeledoni
Gymnopithys leucaspis olivascens
Odontophorus guttatus
Thryothorus m. modestus
all from Costa Rica
- Philornis pici* (Macquart)
Arnold, K. A., 1970, Rev. Biol. Trop., v. 16 (2), 1968, 259-265
Thryothorus rufalbus cantanonotus: Costa Rica
- Philoxanthorinea* new gen.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: *Philoxanthorinea anoa* new sp.
- Philoxanthorinea anoa* new sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Anous tenuirostris: Sand Island, Midway Atoll, Pacific Ocean
- Phormia regina*, illus.
Ali-Khan, F. E. A.; and Ali-Khan, Z., 1975, Canad. J. Zool., v. 53 (10), 1472-1476
Phormia regina, human myiasis, hip wound, case report: Montreal, Quebec, Canada
- Phrixecephalus cincinnatus* Wilson, 1908, illus.
Kabata, Z., 1969, J. Fish Research Bd. Canada, v. 26 (4), 921-934
Phrixecephalus cincinnatus in *Atherestes stomias*, morphology, metamorphosis, effect on eye of parasite's presence and activity: Barkley Sound, west coast of Vancouver Island; sea area adjacent to west coast of Vancouver Island
- Phthiraptera*
Lakshminarayana, K. V., 1976, Ang. Parasitol., v. 17 (3), 160-167
Phthiraptera, historical resume of classification, suggested nomenclatural changes at suprageneric level
- Phthirus*. See *Pthirus*.
- Physconelloides* Ewing, 1927
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
synonymy, key
- Physconelloides ceratoceps* Ewing, 1927
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
key
Leptotila verreauxi: Bolivia; Colombia; Mexico; Peru; Trinidad; Texas
- Physconelloides passerinae* Emerson, 1957
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
key
Scardafella inca: Texas
Columbigallina passerina: Florida; Texas; Mexico; Venezuela; Virgin Islands
- Physconelloides spenceri* Emerson and Ward, 1958
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
key

- Physconelloides wisemani* Emerson, 1960
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
key
Zenaida asiatica: Peru
- Physconelloides zenaidurae* (McGregor, 1917)
Hill, W. W.; and Tuff, D. W., 1978, J. Kansas Entom. Soc., v. 51 (2), 307-327
synonymy, key
Zenaidura macroura: Florida; Kansas; Ohio; Oregon; Texas; Virginia; Wyoming; Mexico
- Physostomum agonum* Nitzsch, 1866
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
as syn. of *Ricinus r. rubeculae* (Schrank, 1776)
- Physostomum intermedium* Uchida, 1915
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
as syn. of *Ricinus fringillae medius* Uchida, 1926
- Picobia* Haller, 1878
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
- Picobia* sp., illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
- Picobia dryobatis* (Fritsch) new comb.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus dryobatis* Fritsch, 1958
- Picobia villosa* Hancock, 1895
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Torotroglia villosa* (Hancock) new comb.
- Picobia zumpti* (Lawrence) new comb., illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilus zumpti Lawrence, 1959
- Pitrufulquenia* Marelli, 1932
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rearing, control, collection, preservation, keys, hosts: Poland
- Pleochaetis* sp.
Baker, R. H., 1969, Misc. Publication (51), Univ. Kansas, Mus. Nat. Hist., 177-232
Sigmodon fulviventer: near Hacienda Coyotes
- Pleochaetis s[ibynus] jordani*
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Romerolagus diazi: high mountains near Mexico City
- Pleurinirmus* Zlotorzycza, 1964
Zlotorzycza, J., 1976, Ang. Parasitol., v. 17 (4), 208-214
key to species
- Pleurinirmus affectator* n. sp., illus.
Zlotorzycza, J., 1976, Ang. Parasitol., v. 17 (4), 208-214
key
Sylvia borin borin: Mierzeja Wislana, Polen
- Pleurinirmus irritans* (Ansari, 1958)
Zlotorzycza, J., 1976, Ang. Parasitol., v. 17 (4), 208-214
species incertae sedis
- Pleurinirmus nirmoideus*
Zlotorzycza, J., 1976, Ang. Parasitol., v. 17 (4), 208-214
key
- Pleurinirmus pari*
Zlotorzycza, J., 1976, Ang. Parasitol., v. 17 (4), 208-214
key
- Pleurinirmus phylloscopi* n. sp., illus.
Zlotorzycza, J., 1976, Ang. Parasitol., v. 17 (4), 208-214
key
Phylloscopus trochilus trochilus: Mierzeja Wislana, Polen
P. trochilus acredula: Mukonas and Roihuvori, Finland
- Pleurinirmus rarus* n. sp., illus.
Zlotorzycza, J., 1976, Ang. Parasitol., v. 17 (4), 208-214
key
Phylloscopus collybita collybita: Wyskok bei Ketrzyn, Polen; Mierzeja Wislana, Polen
- Pneumonyssus* sp.
Meier, J. E., 1979, Ann. Proc., Am. Ass. Zoo Vet., 139-142
Pygathrix nemaeus (parenchymal lungs): San Diego Zoo, California
- Pneumonyssus caninum*
Tharaldsen, J.; and Grøndalen, J., 1978, J. Small Animal Practice, v. 19 (4), 245-250
Pneumonyssus caninum, dog (nostrils), case report, dichlorvos: Norway
- Pneumonyssus simicola*, illus.
Leathers, C. W., 1978, Lab. Animal Sc., v. 28 (1), 102-103
Pneumonyssus simicola in an infant, laboratory colony-born *Macaca mulatta* (bronchiole)
- Pneumonyssus simicola* Banks, 1901
Prosl, H.; and Tamer, A., 1979, Zentralbl. Vet-Med., Reihe B, v. 26 (9), 696-709
Macaca mulatta (Lunge)
- Pneumonyssus simicola*
Wong, M. M.; and Conrad, H. D., 1978, Lab. Animal Sc., v. 28 (4), 412-416
Macaca fascicularis
M. mulatta
M. nemestrina
M. arctoides
(lungs of all): all wild caught in Asia, maintained at National Center for Primate Biology

- Poecilochirus necrophori*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Poecilochirus necrophori* Vitzthum
Reitblat, A. G., 1970, *Parazitologiya*, Lenin-
grad, v. 4 (4), 359-362
seasonal distribution
[*Meriones meridianus*]: Tersko-Kumsk ter-
ritory (North Caucasus)
- Polygenis guimaraesi* sp. n., illus.
Linardi, P. M., 1978, *Rev. Brasil. Biol.*, v.
38 (2), 469-473
Calomys sp.: vicinity of Itapetininga, State
of Sao Paulo, Brazil
- Polygenis gwyni* (C. Fox)
Graves, G. N.; et al., 1974, *J. Med. Entom.*,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Dipodomys spectabilis
Neotoma micropus
Sigmodon hispidus
Sylvilagus audubonii
all from Chaves County, New Mexico
- Polygenis gwyni* (C. Fox)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom.*
News, v. 90 (2), 79-87
Mephitis mephitis
Didelphis marsupialis
all from Fort Dix, New Jersey
- Polygenis martinez-baezi* Vargas, 1951
Baker, R. H., 1969, *Misc. Publication* (51),
Univ. Kansas, Mus. Nat. Hist., 177-232
Sigmodon fulviventer: near Boquilla
S. leucotis: near Hacienda Coyotes
S. ochrognathus: near Canatlan, Durango
- Polyplax Enderlein*, 1904
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski*
(73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epi-
demiology, collection, preservation, keys,
hosts: Poland
- Polyplax antennata* Smetana, 1960
Cais, L.; and Mitev, D., 1978, *Bull. Acad.*
Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (9),
621-623
Apodemus mystacinus: Iraq; Southern Bulgaria
- Polyplax asiatica* Ferris
Srivastva, S. P.; and Wattal, B. L., 1975,
Indian J. Entom., v. 35 (4), 1973, 306-324
Suncus murinus: Maharashtra State, India
- Polyplax borealis*
Novozhilova, E. N., 1971, *Parazitologiya*, Len-
ingrad, v. 5 (4), 377-381
seasonal occurrence of ectoparasites of
Clethrionomys glareolus and inhabitants of
its nest, interrelationships between differ-
ent groups of arthropods on the host and/or
in its nest: Komi ASSR
- Polyplax borealis* Ferris
Popov, V. V., 1977, *Biul. Moskov. Obshch.*
Ispyt. Prir., Otdel Biol., n. s., v. 82 (4),
41-45
Microtus oeconomus
Arvicola terrestris
[*Clethrionomys glareolus*]
Clethrionomys rutilus
all from Tiumen oblast
- Polyplax brachyuromyis* n. sp., illus.
Kim, K. C.; and Emerson, K. C., 1974, *J. Med.*
Entom., v. 11 (1), 107-111
Brachyuromys betsiloensis: Fianarantsoa
Province and Didy, Tamatave Province, Mada-
gascar
- Polyplax ellobii* Sot., 1904
Sartbaev, S. K., 1974, *Entom. Issled. Kirgi-*
zii, 95-97
[*Ellobius*]: Kirgiziia
- Polyplax hannswrangeli*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle
Sudetes), Poland
- Polyplax hannswrangeli*
Volkov, V. I.; et al., 1979, *Vestnik Zool.*,
Akad. Nauk Ukrainsk. SSR, Inst. Zool. (2),
63-65
Myopus schisticolor: spur of Miao-Chan
range, environs of Tikhii, Khabarovsk krai,
Lower Priamur'e
- Polyplax opimi* sp. n., illus.
Sosnina, E. F., 1979, *Trudy Vsesoiuz. Entom.*
Obsh., v. 61, 19-21
Rhombomys opimus: north Tadzhikistan,
Ashtsk region, desert
- Polyplax paradoxa* Johnson, illus.
Sosnina, E. F., 1979, *Trudy Vsesoiuz. Entom.*
Obsh., v. 61, 19-21
- Polyplax reclinata*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Crocidura suaveolens: Gory Sowie (Middle
Sudetes), Poland
- Polyplax reclinata* (Nitzsch, 1864)
Kim, K. C.; and Emerson, K. C., 1974, *J. Med.*
Entom., v. 11 (1), 107-111
Suncus murinus: Madagascar
- Polyplax serrata* Burm.
Arzamasov, I. T.; Kraevskaia, L. I.; and Labet-
skaia, A. G., 1977, *Vestsi Akad. Navuk BSSR,*
s. Biial. Navuk (5), 104-109
[*Clethrionomys glareolus*]
[*Apodemus flavicollis*]
[*Apodemus agrarius*]
all from Belorussian Polesia
- Polyplax serrata*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
all from Gory Sowie (Middle Sudetes), Poland

- Polyplax serrata*
Nelson, W. A.; Bell, J. F.; and Stewart, S. J., 1979, *Exper. Parasitol.*, v. 48 (2), 259-264
Polyplax serrata, histopathology of skin in mice that do (CFW strain) and do not (C57BL strain) develop resistance
- Polyplax serrata* Burm.
Popov, V. V., 1977, *Biul. Moskov. Obshch. Ispyt. Prir., Otdel Biol., n. s.*, v. 82 (4), 41-45
Clethrionomys rutilus
[*Apodemus sylvaticus*]
[*Apodemus agrarius*]
all from Tiumen oblast
- Polyplax serrata* (Burm.)
Sosnina, E. F., 1970, *Parazitologiya, Leningrad*, v. 4 (4), 371-374
sucking lice on small rodents, infestation in relation to type of forest, host age and sex, and season
Apodemus flavicollis
Microtus arvalis
Apodemus sylvaticus
all from Crimean mountains
- Polyplax serrata* (Burmeister, 1839), illus.
Wegner, Z., 1974, *Acta Parasitol. Polon.*, v. 22 (12-21), 203-217
Polyplax serrata, extensive morphological analysis, intraspecific variation
Mus musculus: Poland; USSR
Apodemus agrarius: Poland; Rumania; USSR
A. flavicollis: Poland; Rumania; USSR
A. sylvaticus: Poland; Rumania; USSR
- Polyplax serrata* (Burmeister, 1839)
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Apodemus sylvaticus: Ermita de San Bartolome, Soria; Benasque, Huesca; Villanueva de los Escuderos, Cuenca, Espana
- Polyplax spinigera* (Burmeister 1839)
Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 367-384
Arvicola sapidus: Ermita de San Bartolome, Soria; Medinaceli, Soria; and Renales, Guadaluajara, Espana
- Polyplax spinulosa* (Burmeister)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Rattus norvegicus: Fort Dix, New Jersey
- Polyplax spinulosa* (Burmeister, 1839)
Kim, K. C.; and Emerson, K. C., 1974, *J. Med. Entom.*, v. 11 (1), 107-111
Rattus sp.
Rattus rattus
all from Madagascar
- Polyplax spinulosa* Burmeister
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Bandicota bengalensis
Mus platythrix
Rattus rattus
Suncus murinus
Tatera indica
all from Maharashtra State, India
- Polyplax spinulosa*
Whitaker, J. O., jr., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Polyplax spinulosa* (Burmeister, 1839)
Wilson, N.; and Wodzicki, K., 1977, *N. Zealand J. Zool.*, v. 4 (4), 383-387
Rattus rattus: Niue Island
- Polyplax stephensi* Christophers and Newstead
Srivastva, S. P.; and Wattal, B. L., 1975, *Indian J. Entom.*, v. 35 (4), 1973, 306-324
Rattus norvegicus
R. meltada meltada
R. rattus
Suncus murinus
Tatera indica
all from Maharashtra State, India
- Pontobopyrus* new genus
Markham, J. C., 1979, *Proc. Biol. Soc. Wash.*, v. 92 (4), 769-772
Bopyridae, Pseudioninae
tod: *P. abyssorum* new species
- Pontobopyrus abyssorum* new species (tod), illus.
Markham, J. C., 1979, *Proc. Biol. Soc. Wash.*, v. 92 (4), 769-772
Pontophilus abyssii (branchial chamber): northwestern Atlantic Ocean, 38°04'14"N to 38°09'15"N, 70°26'22"W to 70°22'10"W
- Porocephalidea*
Yamamoto, H.; et al., 1978, *Snake*, v. 10 (2), 143-147
key
- Porocephalus*
Yamamoto, H.; et al., 1978, *Snake*, v. 10 (2), 143-147
key
- Porocephalus* sp., illus.
Yamamoto, H.; et al., 1978, *Snake*, v. 10 (2), 143-147
Japan
- Porocephalus clavatus* (Wyman, 1847) Sambon, 1910, illus.
Vargas V., M., 1970, *Rev. Biol. Trop.*, v. 16 (2), 1968, 241-245
Porocephalus stilesi, *P. clavatus*, comparison of morphometric data on copulation dilators
- Porocephalus clavatus* (Wyman, 1847) Sambon, 1910, illus.
Vargas V., M., 1970, *Rev. Biol. Trop.*, v. 17 (1), 1969, 27-89
Porocephalus stilesi eggs and nymphal stages, *P. clavatus* eggs, extensive morphological and morphometric comparisons with *P. crotali* to determine distinguishing characteristics; no satisfactory characters were confirmed
Boa constrictor imperator: La Fortuna, Limon, Costa Rica
- Porocephalus crotali* Humboldt 1811, illus.
Hollis, P. D., 1979, *J. Parasitol.*, v. 65 (3), 461-463
Porocephalus crotali, alkaline phosphatase activity, histochemical distribution
Crotalus atrox: Comanche County, Oklahoma
- Porocephalus crotali* Humboldt, 1811, illus.
Hollis, P. D., 1979, *Tr. Am. Micr. Soc.*, v. 98 (1), 114-122
Porocephalus crotali, neuroanatomy compared with closely related species
Crotalus atrox (lungs): Comanche County, Oklahoma

- Porocephalus crotali* (Humboldt, 1808)
Kinsella, J. M., 1974, *J. Med. Entom.*, v. 11 (1), 116
Porocephalus crotali in *Oryzomys palustris* (spleen, liver, lungs, mesenteries, epididymis, walls of abdominal and pleural cavities), seasonal incidence: Cedar Key, Levy Co., Florida
- Porocephalus crotali*, *illus.*
Riley, J.; Banaja, A. A.; and James, J. L., 1978, *Internat. J. Parasitol.*, v. 8 (4), 245-254
- Porocephalus crotali*, *illus.*
Riley, J.; James, J. L.; and Banaja, A. A., 1979, *Parasitology*, v. 78 (1), 53-66
Reighardia sternae, possible role of frontal and sub-parietal gland systems in evasion of host immune response, surface membrane system believed to be instrumental, related observations on *Porocephalus crotali*, parallels with situation of schistosome infections in mammals, alternative explanation of concomitant immunity
- Porocephalus crotali* (Humboldt, 1808)
Vargas V., M., 1970, *Rev. Biol. Trop.*, v. 17 (1), 1969, 27-89
Porocephalus stilesi eggs and nymphal stages, *P. clavatus* eggs, extensive morphological and morphometric comparisons with *P. crotali* to determine distinguishing characteristics; no satisfactory characters were confirmed
- Porocephalus stilesi* Sambon, 1910
Vargas V., M., 1970, *Rev. Biol. Trop.*, v. 16 (2), 1968, 241-245
Porocephalus stilesi, *P. clavatus*, comparison of morphometric data on copulation dilators
- Porocephalus stilesi* Sambon, 1910, *illus.*
Vargas V., M., 1970, *Rev. Biol. Trop.*, v. 17 (1), 1969, 27-89
Porocephalus stilesi eggs and nymphal stages, *P. clavatus* eggs, extensive morphological and morphometric comparisons with *P. crotali* to determine distinguishing characteristics; no satisfactory characters were confirmed
Lachesis muta muta: Puerto Viejo, Heredia, Costa Rica
rats, albino (exper.)
- Probopyrus pandalicola*
Beck, J. T., 1979, *Parasitology*, v. 79 (3), 431-449
Probopyrus pandalicola-infected *Palaemonetes paludosus*, distribution, infection levels by site and season and by host sex and size, parasite burden, regulation of host-parasite (parasitic castrator) interactions: Florida
- Procaviopsylla procaviae* (Fox, 1914)
Smit, F. G. A. M., 1976, *Rev. Zool. Africaine*, v. 90 (1), 46-52
Heterohyrax syriacus frommi: Katesh and Isangi, Tanzania
- Proctolaelaps pygmaeus* (Muell., 1910)
Amanniazova, R. D., 1976, *Med. Parazitol. i Parazitar. Bolezni*, v. 45 (1), 92-93
gamasid mite fauna of *Rhombomys opimus*; seasonal variation in density and age composition of *Hirstionyssus meridianus*, *Haemolaelaps longipes*, and *H. angustiscutis*: submountain plains of Kopetdag
- Proctolaelaps pygmaeus*
Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Apodemus sylvaticus
Mus musculus
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Proctolaelaps pygmaeus* (Muell.)
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Proctophyllodes* (*Pterocolus*) *analgoidea*, Trouessart, 1885
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92 (4), 1023-1052
as syn. of *Pseudalges analgoidea* (Trouessart)
- Proctophyllodes anthi* Vitzthum, 1922
Jablonska, J., 1970, *Acta Parasitol. Polon.*, v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
Luscinia svecica
Saxicola rubetra
Phoenicurus ochruros
Erithacus rubecula
all from Poland
- Proctophyllodes ateri* Fritsch, 1961
Jablonska, J., 1970, *Acta Parasitol. Polon.*, v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
Phoenicurus phoenicurus
Erithacus rubecula
all from Poland
- Proctophyllodes caulifer* Trouessart, 1886
Jablonska, J., 1970, *Acta Parasitol. Polon.*, v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
Luscinia svecica
Phoenicurus phoenicurus
all from Poland
- Proctophyllodes cotyledon* Trouessart, 1899
Jablonska, J., 1970, *Acta Parasitol. Polon.*, v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
Phoenicurus ochruros
P. phoenicurus
Erithacus rubecula
all from Poland

- Proctophyllodes doleophyes Gaud, 1957, illus.
Jablonska, J., 1970, Acta Parasitol. Polon.,
v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occur-
rence during host spring and autumn migra-
tions, incidence, intensity, distribution
on wings, population structure (sex ratios,
developmental stages), host specificity,
simultaneous infections
Luscinia megarhynchos
L. luscinia
all from Poland
- Proctophyllodes egglestoni
Cooper, C. L.; Madden, J. E.; and Crites,
J. L., 1975, J. Med. Entom., v. 12 (2), 262
Quiscalus quiscula versicolor (feathers):
Franklin Co. and Ottawa Co., Ohio
- Proctophyllodes egglestoni
Cooper, C. L.; and Troutman, E. L., 1974, J.
Med. Entom., v. 11 (2), 233
Molothrus ater ater (feathers): Ohio
- Proctophyllodes hipposideros Gaud, 1953, illus.
Jablonska, J., 1970, Acta Parasitol. Polon.,
v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occur-
rence during host spring and autumn migra-
tions, incidence, intensity, distribution
on wings, population structure (sex ratios,
developmental stages), host specificity,
simultaneous infections
Phoenicurus phoenicurus
Saxicola rubetra
Oenanthe oenanthe
Turdus merula
T. iliacus
T. ericetorum
all from Poland
- Proctophyllodes musicus Vitzthum, 1922, illus.
Jablonska, J., 1970, Acta Parasitol. Polon.,
v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occur-
rence during host spring and autumn migra-
tions, incidence, intensity, distribution
on wings, population structure (sex ratios,
developmental stages), host specificity,
simultaneous infections
Turdus merula
T. ericetorum
T. viscivorus
T. iliacus
T. pilaris
Erithacus rubecula
Phoenicurus ochruros
all from Poland
- Proctophyllodes (Alloptes) pteronyssoides
Trouessart, 1885
Atyeo, W. T.; and Gaud, J., 1971, Folia Para-
sitol., v. 18 (1), 51-53
as syn. of Mimicalges pteronyssoides (Troues-
sart), new comb.
- Proctophyllodes rubeculinus (C. L. Koch 1840)
Jablonska, J., 1970, Acta Parasitol. Polon.,
v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occur-
rence during host spring and autumn migra-
tions, incidence, intensity, distribution
on wings, population structure (sex ratios,
developmental stages), host specificity,
simultaneous infections
Erithacus rubecula
Phoenicurus phoenicurus
Turdus merula
all from Poland
- Proctophyllodes stylifer (Buchholz, 1869)
Jablonska, J., 1970, Acta Parasitol. Polon.,
v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occur-
rence during host spring and autumn migra-
tions, incidence, intensity, distribution
on wings, population structure (sex ratios,
developmental stages), host specificity,
simultaneous infections
Phoenicurus ochruros
P. phoenicurus
Erithacus rubecula
all from Poland
- Proctophyllodes truncatus Robin, 1877
Jablonska, J., 1970, Acta Parasitol. Polon.,
v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occur-
rence during host spring and autumn migra-
tions, incidence, intensity, distribution
on wings, population structure (sex ratios,
developmental stages), host specificity,
simultaneous infections
Phoenicurus ochruros: Poland
- Proctophyllodes weigoldi Vitzthum, 1922
Jablonska, J., 1970, Acta Parasitol. Polon.,
v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occur-
rence during host spring and autumn migra-
tions, incidence, intensity, distribution
on wings, population structure (sex ratios,
developmental stages), host specificity,
simultaneous infections
Turdus merula
T. ericetorum
T. viscivorus
T. iliacus
Phoenicurus phoenicurus
all from Poland
- Proechinophthirus Ewing
Kim, K. C.; and Emerson, K. C., 1974, J. Med.
Entom., v. 11 (4), 442-446
Echinophthiriidae
key
- Profrontia Ioff, 1949
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
subgen. of Frontopsylla, key
key to species, Afghanistan
- Proneptis Timmermann 1953
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus.
u. Inst., v. 68, 95-105
subgenus of Cummingsiella
- Protomyobia brevisetosa
Whitaker, J. O., jr.; Maser, C.; and Pedersen,
R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus townsendi (fur): Oregon
- Protomyobia claparedei (Poppe)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Sorex araneus: Gory Sowie (Middle Sudetes),
Poland
- Protomyobia claparedei
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Protomyobia onoi Jam., Dusb.
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Sorex araneus: Gory Sowie (Middle Sudetes),
Poland

- Protomyobia onoi*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Sorex araneus: Gory Sowie (Middle Sudetes),
Poland
- Przhevalskiana silenus*, *illus.*
Nahif, A. A., 1978, *Ang. Parasitol.*, v. 19
(3), 162-167
Przhevalskiana silenus, ontogenesis of in-
tegument during different larval stages,
histomorphology
- Przhevalskiana silenus* (Brauer), *illus.*
Nahif, A. A.; and Madel, G., 1975, *Ang. Para-
sitol.*, v. 16 (4), 220-232
Przhevalskiana silenus, histology of intes-
tinal tract of 3 larval stages described
- Pseudalges Radford 1950*
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
key to species
- Pseudalges analgoides* (Trouessart)
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
synonymy, key
Merops apiaster: Zaire
- Pseudalges analgoides* (partim), Gaud et Till,
1961; Orwig, 1968
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
as syn. of *Pseudalges orwigi n. sp.*
- Pseudalges brachylobus n. sp.*, *illus.*
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
[lapsus p. 1040 as *Pseudaloptes brachylobus*]
key
Syn.: *Pseudalges inchoatarcus*, Orwig, 1968
(partim)
Melittophagus pusillus: Botanankasa, Zaire;
Ebeva, Togo; Cameroun; Senegal; Sierra
Leone; Transvaal
M. variegatus: Gabon; Guinee; Uganda; Zaire
Aerops albicollis: Cameroun; Zaire
- Pseudalges fallax n. sp.*, *illus.*
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
key
Merops malimbicus: Degema, Nigeria
- Pseudalges inchoatarcus* Orwig, 1968, *illus.*
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
key
Dicrocercus hirundineus: Zaire
Melittophagus bullockoides: Angola; Kenya;
Transvaal
M. bullocki: Cameroun; Ghana; Soudan
- Pseudalges inchoatarcus*, Orwig, 1968 (partim)
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
as syn. of *Pseudalges brachylobus n. sp.*
- Pseudalges mimus n. sp.*, *illus.*
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
[lapsus p. 1044 as *P. minus*]
key
Syn.: *Allanalges analgoides* (partim), Gaud
et Mouchet, 1958; Gaud et Till, 1961
Merops nubicooides: Katumba, Zaire; Riv.
Ruzizi, Kivu, Zaire; Angola; Tanzanie
M. nubicus: Zaire
M. superciliosus: Mozambique; Zaire
Aerops albicollis: Cameroun
- Pseudalges minus* [lapsus p. 1044 for *P. mimus*
n. sp.]
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
- Pseudalges orwigi n. sp.*, *illus.*
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
key
Syn.: *Pseudalges analgoides* (partim), Gaud
et Till, 1961; Orwig, 1968
Melittophagus mulleri: Yaounde, Cameroun
M. gularis: Congo; Sierra Leone
M. lafresnayi oreobates: Zaire
Bombylonax breweri: Gabon
- Pseudaloptes brachylobus*
Gaud, J., 1978, *Rev. Zool. Africaine*, v. 92
(4), 1023-1052
[lapsus p. 1040 for *Pseudalges brachylobus*
n. sp.]
- Pseudasmmetrione* [p. 415, lapsus for *Pseudasym-
metrione gen. n.*]
Adkison, D. L.; and Heard, R. W., 1978, *Proc.
Biol. Soc. Wash.*, v. 91 (2), 408-417
- Pseudasymmetrione gen. n.*
Adkison, D. L.; and Heard, R. W., 1978, *Proc.
Biol. Soc. Wash.*, v. 91 (2), 408-417
Bopyridae, Pseudioninae
[lapsus p. 415 as *Pseudasmmetrione*]
tod: *P. markhami* new species
- Pseudasymmetrione* [sp.]
Adkison, D. L.; and Heard, R. W., 1978, *Proc.
Biol. Soc. Wash.*, v. 91 (2), 408-417
Iridopagurus iris
- Pseudasymmetrione markhami* new species (tod),
illus.
Adkison, D. L.; and Heard, R. W., 1978, *Proc.
Biol. Soc. Wash.*, v. 91 (2), 408-417
Pagurus annulipes (left branchial chamber):
Morehead Channel, Carteret County, North
Carolina
- Pseudechetus gen. nov.*
Prabha, C.; and Pillai, N. K., 1979, *Parasitol-
ogy*, v. 79 (3), 425-429
Caligidae, Caliginidae
tod: *P. fimbriatus sp. nov.*
- Pseudechetus fimbriatus gen. et sp. nov.* (tod),
illus.
Prabha, C.; and Pillai, N. K., 1979, *Parasitol-
ogy*, v. 79 (3), 425-429
unidentified carangid fish (throat): Kerala
coastal waters
- Pseudocaligus*
Prabha, C.; and Pillai, N. K., 1979, *Parasitol-
ogy*, v. 79 (3), 425-429
". . . Caligopsis Markewitsch might be a
synonym of *Pseudocaligus* and *Alicalgus*
Shiino a synonym of *Abasia*."
- Pseudocharopinus dentatus* (Wilson, 1912), *illus.*
Kabata, Z., 1976, *J. Fish. Research Bd. Canada*,
v. 33 (11), 2507-2525
copepods, description of early larval stages
- Pseudocycnus armatus* (Bassett-Smith), *illus.*
Natarajan, P.; and Nair, N. B., 1972, *Hydro-
biologia*, v. 40 (1), 69-76
Pseudocycnus armatus on *Indocybium guttatum*
(gills), position and organs of attachment,
mouth cone, alimentary canal, pathological
effects, histopathology: Trivandrum beach,
south-west coast of India

- Pseudogabucinia reticulata*, sp. n., illus.
Atyeo, W. T.; and Windingstad, R. M., 1979,
J. Parasitol., v. 65 (4), 650-658
Grus canadensis tabida (ventral surfaces of
vanes): Jasper-Pulaski Wildlife Refuge,
Jasper County, Indiana
- Pseudolynchia canariensis* (B. Macquart)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom.
News*, v. 90 (2), 79-87
Columba livia: Fort Dix, New Jersey
- Pseudolynchia canariensis* Macquart
Shotter, R. A., 1978, *Zool. J. Linn. Soc.*,
London, v. 62 (2), 193-203
parasites of *Columba guinea*, intensity of
infection, sex of host: Ahmadu Bello
University Campus, Zaria, Nigeria
- Pseudolynchia maura*
Carneiro, J. R.; et al., 1975, *Rev. Patol.
Trop.*, v. 4 (1), 39-41
Columba livia domestica: Goiania, Brazil
- Pseudomenopon* sp.
Threlfall, W.; Bourgeois, C. E.; and Bain,
G. A., 1979, *Proc. Entom. Soc. Wash.*, v. 81
(2), 327-328
Lophodytes cucullatus
Mergus serrator
all from Ontario, Canada
- Pseudotracheiastes stellatus*
Chernyshenko, A. S., 1966, *Respublik. Mezhev-
domstv. Sborn.*, Akad. Nauk Ukrain. SSR, s.
Biol. Moria, 105-113
ichthyoparasite fauna, extensity and inten-
sity of invasion, species composition: 4
estuaries, Black Sea (northern coastal re-
gion)
- Pseudotracheiastes stellatus* (Mayor, 1824),
illus.
Kurochkin, Iu. V., 1978, *Biol. Moria*, Vladi-
vostok (2), 40-46
parasite coloration, possible functions,
review
Acipenser stellatus (body surface)
- Psocodea superorder
Kim, K. C.; and Ludwig, H. W., 1978, *Ann.
Entom. Soc. Am.*, v. 71 (6), 910-922
Psocodea, phylogenetic relationships of five
taxa analyzed cladistically, evaluation of
character complexes, theoretical aspects of
phylogenetic inferences on origin of higher
taxa
key to orders and suborders; includes:
Psocoptera; Anoplura; Mallophaga
- Psorergates
Graham, O. H.; and Hourrigan, J. L., 1977, *J.
Med. Entom.*, v. 13 (6), 629-658
arthropod parasites of livestock, eradica-
tion programs, review
- Psorergates [sp.]
Sosnina, E. F.; and Skliar, V. E., 1971, *Para-
zitologiia*, Leningrad, v. 5 (3), 291-292
Citellus pygmaeus: Donetsk oblast, Ukrain-
ian SSR
- Psorergates sp.
Stromberg, B. E.; and Nutting, W. B., 1973,
Acarologia, v. 14 (4), 605-611
Demodex spp. (especially *D. caprae*) and 2
related genera, physical characteristics and
chemistry of exoskeleton and pigment
granules
- Psorergates* sp.
Wong, M. M.; and Conrad, H. D., 1978, *Lab.
Animal Sc.*, v. 28 (4), 412-416
Macaca nemestrina
M. arctoides
all wild caught in Asia, maintained at
National Center for Primate Biology
- Psorergates apodemi* Fain, Lukoschus et Hallmann,
1966, illus.
Sosnina, E. F., 1970, *Parazitologiia*, Lenin-
grad, v. 4 (6), 537-541
effect on skin of hosts
Apodemus sylvaticus: USSR (Crimea; northern
Osetia)
A. flavicollis: USSR (Crimea)
- Psorergates apodemi* Fain, Lukoschus et Hallmann,
1966
Sosnina, E. F.; and Skliar, V. E., 1971, *Para-
zitologiia*, Leningrad, v. 5 (3), 291-292
Apodemus sylvaticus: Donetsk oblast, Ukrain-
ian SSR
- Psorergates dissimilis* Fain, Lukoschus et Hall-
mann, 1966
Sosnina, E. F., 1970, *Parazitologiia*, Lenin-
grad, v. 4 (6), 537-541
Microtus arvalis: USSR (Crimea)
- Psorergates dissimilis* Fain, Lukoschus et Hall-
mann, 1966
Sosnina, E. F.; and Skliar, V. E., 1971, *Para-
zitologiia*, Leningrad, v. 5 (3), 291-292
Microtus arvalis: Donetsk oblast, Ukrain-
ian SSR
- Psorergates ovis*
Sinclair, A. N., 1978, *Vet. Rec.*, v. 103 (11),
247 [Letter]
sheep scab control with use of showers
- Psorergates simplex* Tyrrell, 1883
Sosnina, E. F., 1970, *Parazitologiia*, Lenin-
grad, v. 4 (6), 537-541
Mus musculus: USSR (northern Osetia)
- Psorergates tyrelli*
Kamara, J. A., 1975, *Bull. Animal Health and
Prod. Africa*, v. 23 (3), 265-268
Cercocebus torquatus: Sierra Leone
- Psorergatidae Dubinin 1955
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Cheyletoidea
- Psoroptes
Graham, O. H.; and Hourrigan, J. L., 1977, *J.
Med. Entom.*, v. 13 (6), 629-658
arthropod parasites of livestock, eradica-
tion programs, review
- Psoroptes
Liebisch, A.; and Petrich, J., 1977, *Deutsche
Tierarztl. Wchnschr.*, v. 84 (11), 424-427
scabies, cattle, present incidence, methods
for diagnosis and control described: North
Germany
- Psoroptes
Sinclair, A. N., 1978, *Vet. Rec.*, v. 103 (11),
247 [Letter]
sheep scab control with use of showers

- Psoroptes
Strinadkin, P. S., 1978, Veterinaria, Moskva (10), 64-66
Sarcoptiformes, domestic animals, treatment: western Siberia
- [Psoroptes] psoroptoza
Suiunchaliev, R. S., 1978, Veterinaria, Moskva (6), 63-65
psoroptic mange, sheep, method for determining creolin concentration in dip containing emulsion of creolin, gamma isomer of hexachlorane, and water
- [Psoroptes] psoroptoze
Vodianov, A. A., 1979, Veterinaria, Moskva (5), 46-48
psoroptosis, sheep, hexachlorane, gamma isomer, mineral oil emulsion compared with creolin base preparations
- Psoroptes spp.
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
sheep: imported to United Arab Republic
- Psoroptes bovis
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Psoroptes communis
Datt, S. C.; Tika Ram, S. M.; and Satija, K. C., 1978, Haryana Vet., v. 17 (2), 112-115
mange, livestock, seasonal incidence: Hissar, Haryana
- Psoroptes communis ovis
Kirkwood, A. C., 1979, State Vet. J., Min. Agric., Fish. and Food (101), v. 34, 134-141
Psoroptes communis ovis, sheep, effective dipping practices for control, review
- Psoroptes communis ovis
Kirkwood, A. C.; Quick, M. P.; and Page, K. W., 1978, Vet. Rec., v. 102 (3), 50-54
ectoparasites, sheep, showers and plunge dipping, efficacy using diazinon against *Lucilia sericata*, γ HCH against *Psoroptes communis ovis*
- Psoroptes communis var. ovis
Rovere, R. J.; and Nunez, J. L., 1977, Gac. Vet., Buenos Aires (319), v. 39, 172-177
Psoroptes communis ovis, sheep, histopathology of skin, acute and chronic cases
- Psoroptes communis var. ovis
Vural, A., 1977, Vet.-Med. Nachr. (1), 75-76
Psoroptes communis var. ovis, sheep, asuntol dip
- Psoroptes communis var. ovis
Vural, A., 1977, Vet. Med. Rev. (1), 75-76
Psoroptes communis var. ovis, sheep, treatment with asuntol highly effective
- Psoroptes cuniculi
Bonin, W., 1977, Berl. u. Munchen. Tierarztl. Wchnschr., v. 90 (2), 34-37
Amblyomma hebraeum, *Psoroptes cuniculi*, *Melophagus ovinus*, *Dermanyssus gallinae*, heptenophos, rapid mode of action, broad range of efficacy, short residual effect and effective as a vapour poison, compared with other standard drug preparations
- Psoroptes cuniculi* (Delafond)
Fisher, W. F.; et al., 1979, Southwest. Entom., v. 4 (3), 249-253
Psoroptes cuniculi, rabbits, phosmet, toxaphene, and 10 experimental alkyl amines compared
- Psoroptes cuniculi*, illus.
Ribbeck, R., 1976, Merkbl. Ang. Parasitenk. u. Schadlingsbekampf. (23), 29 pp. (Beilage zu Ang. Parasitol., v. 17 (4))
Psoroptes cuniculi from *Oryctolagus cuniculus* f. *domestica*, morphology, systematics, symptoms, diagnosis, occurrence, development, life cycle, epizootiology, pathology, control, laboratory maintenance, review
- Psoroptes cuniculi*, illus.
Ribbeck, R.; and Gehrt, M., 1974, Ang. Parasitol., v. 15 (2), 67-74
Psoroptes cuniculi populations from domestic rabbits, 2 strains, differences in body size and survival time in vitro of all developmental stages
- Psoroptes cuniculi*
Ribbeck, R.; and Steinhardt, M., 1973, Ang. Parasitol., v. 14 (4), 199-207
Psoroptes cuniculi-infected (exper.) vs. uninfected *Oryctolagus cuniculus* 'famil. measurements of skin temperature, rectal temperature, heart rate, and respiratory frequency under thermoneutral conditions
- Psoroptes cuniculi*
Rollor, E. A. III; et al., 1978, J. Am. Vet. Med. Ass., v. 173 (9), 1242-1243
Psoroptes cuniculi in *Odocoileus virginianus* (ear canals), infestation associated with bacterial otitis: McDuffie County, Georgia; Hampton County, South Carolina
- Psoroptes cuniculi*
Williams, J. F.; and Williams, C. S. F., 1978, J. Am. Vet. Med. Ass., v. 173 (12), 1582-1583
Psoroptes cuniculi, dairy goats, prevalence, clinical signs limited to scratching and head shaking: Michigan
- Psoroptes cuniculi*
Wright, F. C.; and Riner, J. C., 1979, Southwest. Entom., v. 4 (1), 40-45
Psoroptes ovis, *P. cuniculi*, 10 acaricides evaluated using 'tea-bag' technique
- Psoroptes ovis* (Hering), illus.
Blake, B. H.; et al., 1978, Ann. Entom. Soc. Am., v. 71 (3), 289-294
Psoroptes ovis, morphology of mouthparts, mechanism of feeding
- Psoroptes ovis*
Flower, P. J., 1978, Trop. Animal Health and Prod., v. 10 (4), 207-213
Psoroptes ovis, sheep, course of disease outbreak, problems in attempting to limit its spread, partial control achieved through dipping in diazinon DFF backed by legislation: Lesotho
- Psoroptes ovis*
Hourrigan, J. L., 1979, J. Am. Vet. Med. Ass., v. 175 (12), 1278-1280
Psoroptes ovis, cattle, increased incidence, eradication program: United States

- Psoroptes ovis*
Liebisch, A.; et al., 1978, Vet.-Med. Nachr. (1), 49-62
Psoroptes ovis, sheep, asuntol emulsion: Nordfriesland
- Psoroptes ovis*
Liebisch, A.; et al., 1978, Vet. Med. Rev. (1), 49-62
Psoroptes ovis, sheep, increasing incidence, controlled field trial with asuntol dip, good results; need for good dipping technique, most frequent sources of failure: Federal Republic of Germany
- Psoroptes ovis*
Liebisch, A.; et al., 1978, Vet.-Med. Nachr. (1), 63-76
mange, cattle, asuntol
- Psoroptes ovis*
Liebisch, A.; et al., 1978, Vet. Med. Rev. (1), 63-76
Chorioptes bovis, *Sarcoptes bovis*, *Psoroptes ovis*, cattle, spray treatment with asuntol effectively controlled mange: Germany
- Psoroptes ovis*
Meermann, A., 1978, Vet.-Med. Nachr. (2), 212-215
Psoroptes ovis, sheep, phoxim, gamma BHC, laboratory and field trials: Nordfriesland
- Psoroptes ovis*
Meleney, W. P.; and Christy, J. E., 1978, J. Am. Vet. Med. Ass., v. 173 (11), 1473-1478
Psoroptes ovis, cattle, factors responsible for accelerating increase in occurrence of scabies
- Psoroptes ovis*
Meleney, W. P.; and Roberts, I. H., 1979, J. Med. Entom., v. 16 (1), 52-58
Psoroptes ovis, cattle, acaricides, dipping, spraying, or spray-dipping trials
- Psoroptes ovis*
Page, K. W.; and Nunez, J. L., 1978, Gac. Vet., Buenos Aires (327), v. 40, 33-37
Psoroptes ovis, ovine, fundamentals of control, review
- Psoroptes ovis*
Roberts, I. H.; Wilson, G. I.; and Meleney, W. P., 1978, J. Am. Vet. Med. Ass., v. 173 (7), 840-842
Psoroptes ovis, cattle (exper.), phosmet, efficacy of single and double treatments at various concentrations, some signs of toxicosis
- Psoroptes ovis*
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Psoroptes ovis*
Wilson, G. I.; and Meleney, W. P., 1978, J. Parasitol., v. 64 (3), 570-571
Sancassania sp., a non-parasitic mite, superimposed upon scabs of *Psoroptes ovis* on Hereford heifer: New Mexico
- Psoroptes ovis*
Wright, F. C.; and Riner, J. C., 1979, South-west. Entom., v. 4 (1), 40-45
Psoroptes ovis, *P. cuniculi*, 10 acaricides evaluated using 'tea-bag' technique
- Pteracarus faini* sp. nov., illus.
Uchikawa, K., 1978, Annot. Zool. Japon., v. 51 (2), 107-110
Miniopterus schreibersii fuliginosus: Japan (Shojo-do Cave, Kashiwazaki, Niigata Prefecture; Obirano-do Cave, Miyazaki Prefecture; Fushin-do Cave, Kumamoto Prefecture; Kumaso-ana Cave, Kagoshima Prefecture)
- Pteracarus submedianus* Dusbabek, 1963
Uchikawa, K., 1978, Annot. Zool. Japon., v. 51 (2), 107-110
Plecotus auritus sacrimontis: Japan (Shimashima-dani, Nagano Prefecture; Hokkaido)
- Pterocolus* (Allanalges) *analgoides*, Berlese, 1897
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Pseudalges analgoides* (Trouessart)
- Pterocolus analgoides*, Poppe, 1888 [et auct.]
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Pseudalges analgoides* (Trouessart)
- Pterodectes buphagi* Till, 1957
Stutterheim, C. J., 1977, South African J. Sc., v. 73 (9), 281
Buphagus erythrorhynchus (wing, tail feathers): Kruger National Park
- Pterolichus cuculi*, Bedford, 1932 [et auct.]
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Pterolichus* (*Eupterolichus*) *cuculi*, Canestrini et Kramer, 1899
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Pterolichus cuculi* (var.), Megnin et Trouessart, 1844; Berlese, 1885
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Pterolichus cuculi meropis* (nom. nud.), Poppe, 1889
Gaud, J., 1978, Rev. Zool. Africaine, v. 92 (4), 1023-1052
as syn. of *Coraciacarus meropis* Dubinin
- Pterolichus obstusus*
Munro, R., 1978, Fiji Agric. J., v. 40 (2), 91-96
poultry: Fiji
- Pteronyssus bolus* (Jablonska, 1965)
Jablonska, J., 1970, Acta Parasitol. Polon., v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
Phoenicurus ochruros
Turdus merula
Erithacus rubecula
all from Poland

- Pteroptus lateralis* Kolenati, 1856
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
as syn. of *Meristaspis lateralis* (Kolenati)
- Phthirus* Leach, 1815
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Phthirus inguinalis*
Bouree, P., 1977, *Rev. de Med.*, Paris, v. 18 (10), 496-504
parasites of the human uro-genital tract, suggested therapeutic measures, review of drugs currently in use
- Phthirus pubis*, illus.
Benchimol, R.; and Benchimol, E., 1973, *Rev. Brasil. Oftal.*, v. 32 (2), 203-204
Phthirus pubis, human infection of right eyelashes, apparently transmitted to lashes after scratching pubic area, case report, cure with mercuric oxide
- Phthirus pubis*, illus.
Hinton, H. E., 1977, *J. Insect Physiol.*, v. 23 (7), 785-800
Haematopinus suis, functional significance of structures of eggshell, how egg maintains low equilibrium temperature in direct sunlight, brief complementary observations on other Anoplura and some Mallophaga
- Phthirus pubis*
Morley, W. N., 1977, *Scottish Med. J.*, v. 22 (3), 211-216
pediculosis, scabies, *Phthirus*, humans, incidence, differential diagnosis, clinical features, treatment, review
- Phthirus pubis*, illus.
Paek, N. H.; Kim, J. H.; and Rhee, S. W., 1976, *Taehan Ankwa Hakhoe Chapchi* (J. Korean Ophth. Soc.), v. 17 (2), 187-189
Phthirus pubis, 5-year-old children, case reports, seborrhhoic marginal blepharitis
- Phthirus pubis*, illus.
Rufli, T.; and Mumcuoglu, Y., 1979, *Praxis*, Bern, v. 68 (44), 1441-1452
lice, biology, elimination and prevention of human infestations, extensive clinical review
- Phthirus pubis*
Schulze, P., 1978, *Ang. Parasitol.*, v. 19 (2), 73-76
microorganisms, mites, and lice, reactions of human skin, brief review
- Ptilonyssus* sp. Nadchatram, McClure and Lim, 1964
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
as syn. of *P. dioptrornis* Fain, 1956
- Ptilonyssus amazonicus* spec. nov., illus.
Fain, A., [1973], *Acarologia*, v. 14 (3), 1972, 357-364
Furnarius tricolor (fosses nasales): lac Redondo, pres de Manaos, Bresil
- Ptilonyssus angustatus* Feider and Mironescu, 1969
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
as syn. of *P. lanii* Zumpt and Till, 1955
- Ptilonyssus bombycillae* spec. nov., illus.
Fain, A., [1973], *Acarologia*, v. 14 (3), 1972, 357-364
Bombycilla garrulus (fosses nasales): Waarschoot, Belgique
- Ptilonyssus bombycillae* Pence 1973
Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Bombycilla garrulus: Moose Ridge Rd., Ravalli Co., Montana
- Ptilonyssus capensis* Zumpt y Till, 1955, illus.
Ubeda-Ontiveros, J. M.; and Guevara-Benitez, D., 1978, *Rev. Iber. Parasitol.*, v. 38 (3-4), 719-750
Ptilonyssus capensis, *P. fringillae*, male and female, morphology
Anthus pratensis (fossas nasales): provincia de Granada, Espana
- Ptilonyssus certhilaudae* spec. nov., illus.
Fain, A., [1973], *Acarologia*, v. 14 (3), 1972, 357-364
Certhilauda albofasciata (fosses nasales): Bloemhof, Transvaal, Afrique du Sud
- Ptilonyssus dicruri* Fain, 1956, illus.
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
Dicrurus remifer (nasal cavity): Malaysia
- Ptilonyssus dioptrornis* Fain, 1956
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
description of protonymph
Syn.: *Ptilonyssus* sp. Nadchatram, McClure and Lim, 1964
Muscicapa rufigastra (nasal cavity): Malaysia
- Ptilonyssus elbeli* (Strandtmann, 1960), illus.
Feider, Z.; and Mironescu, I., 1978, *Trav. Mus. Hist. Nat. "Gr. Antipa"*, Bucuresti, v. 19, 265-270
Sturnus vulgaris (cavite nasale): Roumanie
- Ptilonyssus fringillae* Fain y Sixl, 1971, illus.
Ubeda-Ontiveros, J. M.; and Guevara-Benitez, D., 1978, *Rev. Iber. Parasitol.*, v. 38 (3-4), 719-750
Ptilonyssus capensis, *P. fringillae*, male and female, morphology
Fringilla coelebs (fossas nasales): provincia de Granada, Espana
- Ptilonyssus hirsti*, illus.
Guevara Benitez, D.; and Ubeda-Ontiveros, J. M., 1978, *Rev. Iber. Parasitol.*, v. 38 (3-4), 591-614
Ptilonyssus hirsti, male and female, deutonymph and protonymph, morphology
Passer domesticus
P. montanus
(fossas nasales of all): all from Espana
- Ptilonyssus icteridius*
Cooper, C. L.; Madden, J. E.; and Crites, J. L., 1975, *J. Med. Entom.*, v. 12 (2), 262
Quiscalus quiscula versicolor (nasal passages): Ottawa Co., Ohio
- Ptilonyssus icteridius*
Cooper, C. L.; and Troutman, E. L., 1974, *J. Med. Entom.*, v. 11 (2), 233
Molothrus ater ater (nasal passages): Ohio

- Ptilonyssus icteridius* (Strandtmann and Furman 1956)
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Sturnella neglecta: N. Skull Valley, Tooele Co., Utah
- Ptilonyssus lanii* Zumpt and Til, 1955
 Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
 Syn.: *P. angustatus* Feider and Mironescu, 1969
Lanius cristatus (nasal cavity): Malaysia
- Ptilonyssus melissae* Spicer 1977
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Carpodacus mexicanus: Lubbock, Lubbock Co., Texas
Leucosticte tephrocotis: Warm Springs, Deer Lodge Co., Montana
Pinicola enucleator: R. M. Laboratory, Hamilton, Ravalli Co., Montana; N. Juneau, Alaska
- Ptilonyssus morofskyi* Hyland 1962
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Wilsonia pusilla: Alice, Jim Wells Co., Texas
Junco caniceps: Spring Mnts., Toiyabe National Forest, Clark Co., Nevada
Zonotrichia leucophrys: Tahoka, Lynn Co., Texas
Calcarius ornatus: Buffalo Springs Lake, Lubbock Co., Texas
Calamospiza melanocorys: Post, Garza Co., Texas; Texas Tech Farm, Lubbock, Lubbock Co., Texas
- Ptilonyssus nitzschi* (Giebel 1871)
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Phalaenoptilus nuttallii: DPG, Dugway, Tooele Co., Utah
- Ptilonyssus pari* Fain and Hyland 1963
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Parus gambeli: Spring Mnts., Toiyabe National Forest, Clark Co., Nevada
- Ptilonyssus perisorei* George 1961
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Aphelocoma coerulescens: S. Cedar Mt., DPG, Tooele Co., Utah
- Ptilonyssus prunellae* Fain y Bafort, 1963, *illus.*
 Guevara Benitez, D.; and Ubeda Ontiveros, J. M., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 259-277
 redescription, protonymph and deutonymph
Prunella modularis (fosas nasales): provincia de Granada, Espana
- Ptilonyssus psaltriparus* sp. n., *illus.*
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Psaltriparus minimus: San Pablo Reservoir, Contra Costa Co., California
- Ptilonyssus sairae* Castro 1948
 Spicer, G. S., 1978, *J. Parasitol.*, v. 64 (5), 891-894
Guiraca caerulea: Kerville, Kerr Co., Texas
Chlorura chlorura: Little Davis Mt., DPG, Tooele Co., Utah; Wendover, Elko Co., Nevada
Junco caniceps: Spring Mnts., Toiyabe National Forest, Clark Co., Nevada
Euphagus cynocephalus: N. Skull Valley, Tooele Co., Utah
- Ptilonyssus wilsoni* Sakakibara, 1967
 Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
Apus affinis (nasal cavity): Malaysia
- Puffinoecus Eichler* 1949
 Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
 subgenus of *Saemundssonina*
- Puffinoecus peusi* Eichler, 1949
 Martin Mateo, M. P., 1978, *Bol. R. Soc. Espan. Hist. Nat., Secc. Biol.*, v. 75, 1977, 149-159
 as syn. of *Saemundssonina peusi* (Eichler, 1949)
- Pulex Linne*, 1758
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Pulicidae, *Pulicinae*, key
- Pulex cleopatrae* Rothschild, 1903
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 as syn. of *Synosternus cleopatrae* (Rothschild, 1903)
- Pulex conformis* Wagner, 1903
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 as syn. of *Xenopsylla conformis conformis* (Wagner, 1903)
- Pulex gerbilli* Wagner, 1903
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 as syn. of *Xenopsylla g. gerbilli* (Wagner, 1903)
- Pulex globiceps* Taschenberg, 1880
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
 as syn. of *Chaetopsylla globiceps* (Taschenberg, 1880)
- Pulex irritans*
 Adamovich, V. L., 1971, *Parazitologiya, Leningrad*, v. 5 (5), 417-418
 fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- x irritans*
 Lin, O. M., 1976, *J. Med. Entom.*, v. 13 (2), 179-192
 fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Canis familiaris: southeastern Wisconsin
- Pulex irritans* L.
 Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
Homo sapiens
Canis familiaris
 all from Ireland

- Pulex irritans* Linne, 1758, illus.
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Marmota caudata
Vulpes vulpes
Canis aureus
Hystrix indica
Rhombomys opimus
all from Afghanistan
- Pulex irritans*, illus.
Li, K. C.; and Wang, D. C., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 147-155
fleas, malformations
[no host]: Foochow
- Pulex irritans*
Linardi, P. M.; and Nagem, R. L., 1973, *Rev. Brasil. Biol.*, v. 33 (4), 529-537
Pulicidae and other ectoparasites on dogs, survey, frequent mixed infections: Belo Horizonte and neighboring townships of Minas Gerais
- Pulex irritans*
Martinez, F.; et al., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 207-211
Vulpes vulpes: provincia de Cordoba, Espana
- Pulex irritans* Linne
Misonne, X., 1977, *Ann. Soc. Belge Med. Trop.*, v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
+Homo sapiens (tent): Libye
- Pulex irritans* L., 1758
Pakizh, V. I., 1971, *Parazitologiya, Leningrad*, v. 5 (2), 128-136
[Vulpes corsac]
[Vulpes]
[Mustela]
[Lepus timidus]
[Lepus europaeus]
[Homo sapiens]
all from northeastern Kazakhstan
- Pulex irritans* L., 1758
Zolotova, S. I.; and Iakunin, B. M., 1973, *Parazitologiya, Leningrad*, v. 7 (1), 24-30
Pulex irritans, rate of development under different experimental conditions of temperature and humidity
- Pulex lamellifer* Wagner, 1895
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Coptosylla l. lamellifer* (Wagner, 1895)
- Pulex longispinus* Wagner, 1893
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Synosternus longispinus* (Wagner, 1893)
- Pulex nubicus* Rothschild, 1903
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Xenopsylla nubica* (Rothschild, 1903)
- Pulex pallidus* Taschenberg, 1880
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as synonym of *Synosternus pallidus* (Taschenberg, 1880)
- Pulex porcinus* Jordan and Rothschild, 1923
Samuel, W. M.; and Trainer, D. O., 1970, *J. Wildlife Dis.*, v. 6 (3), 182-183
Pulex porcinus on *Odocoileus virginianus* (concave surface of ears), prevalence, numbers, relationship to vegetation density and presence or absence of peccaries: Welder Wildlife Foundation, south Texas
- Pulex pyramidis* Rothschild, 1904
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
as syn. of *Synosternus cleopatrae* (Rothschild, 1903)
- Pulex simulans*
Barrera, A., [1967], *Rev. Soc. Mexicana Hist. Nat.*, v. 27, 1966, 67-88
Lepus callotis: high mountains near Mexico City
- Pulex simulans* Baker
Graves, G. N.; et al., 1974, *J. Med. Entom.*, v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Dipodomys spectabilis
Sylvilagus audubonii
all from Chaves County, New Mexico
- Pulex simulans* Baker
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Canis familiaris: Fort Dix, New Jersey
- Pulex simulans*
Rutledge, L. C.; et al., 1979, *J. Med. Entom.*, v. 15 (5-6), 452-458
flea vectors and reservoirs of sylvatic plague, field studies
Urocyon cinereoargenteus
Lynx rufus
Spermophilus beecheyi
all from Fort Hunter Liggett, Monterey County, California
- Pulicidae
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Pulicoidea, key
key to subfamilies, Afghanistan
- Pulicinae
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Pulicidae, key
key to genera, Afghanistan
- Pygiopsylla* sp.
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: Queensland
R. lutreolus: Victoria
Melomys littoralis: Queensland
all from Australia
- Pygiopsylla gravis* or n. sp.
Robinson, J. F.; et al., 1978, *Tr. Roy. Soc. South Australia*, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: New South Wales, Australia

- Pygiopsylla hoplia*
 Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Antechinus swainsonii: New South Wales
Rattus fuscipes assimilis: New South Wales
R. lutreolus: New South Wales and Victoria
R. sordidus: Queensland
Hydromys chrysogaster: Queensland
Mastacomys fuscus: New South Wales
Uromys caudimaculatus: Queensland
Melomys littoralis: Queensland
 all from Australia
- Pygiopsylla rainbowii*
 Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: New South Wales, Australia
- Pygiopsylla rainbowii* n. ssp.
 Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Antechinus stuartii: New South Wales
Rattus sordidus: Queensland
R. rattus: Queensland
 all from Australia
- Pygiopsylla sinuata*
 Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes coracius
Melomys spp.
 all from Queensland, Australia
- Pygiopsylla tunneyi*
 Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus rattus: Western Australia
- Pygiopsyllidae* Wagner, 1939
 Lewis, R. E., 1974, J. Med. Entom., v. 11 (4), 403-413
Coptosyllidae, *Pygiopsyllidae*, *Stephanocircidae*, *Xiphiopsyllidae*, world-wide distribution by zoogeographic regions, host preferences; list of genera and species
- Pygmephorus* sp.
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Apodemus tauricus
Sorex araneus
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus* sp.
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Sorex araneus
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus* sp.
 Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Neurotrichus gibbsi
Scapanus orarius
S. townsendi
 (fur of all): all from Oregon
- Pygmephorus erlangensis* Krczal
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus erlangensis*
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus forcipatus* Willm.
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Sorex araneus
Sorex alpinus
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus forcipatus*
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Sorex araneus
Sorex alpinus
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus horridus*
 Whitaker, J. O., jr.; Maser, C.; and Pedersen, R. J., 1979, Northwest Sc., v. 53 (4), 268-273
Scapanus orarius (fur): Oregon
- Pygmephorus krczali* Mahun.
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus: Gory Sowie (Middle Sudetes), Poland
- Pygmephorus krczali*
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus: Gory Sowie (Middle Sudetes), Poland
- Pygmephorus microti* Krczal
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Sorex araneus
Sorex alpinus
Neomys fodiens
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus microti*
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Sorex araneus
Sorex alpinus
Neomys fodiens
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus soricis* Krczal
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Sorex araneus
 all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus soricis*
 Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Sorex araneus
 all from Gory Sowie (Middle Sudetes), Poland

- Pygmephorus spinosus* Kramer 1877
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Fratercula arctica (feathers): Jan Mayen Island, Norway
- Pygmephorus spinosus* Krm.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus stammeri* Krczal
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Apodemus agrarius: Gory Sowie (Middle Sudetes), Poland
- Pygmephorus spinosus*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Sorex araneus
Sorex alpinus
all from Gory Sowie (Middle Sudetes), Poland
- Pygmephorus stammeri*
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Apodemus agrarius: Gory Sowie (Middle Sudetes), Poland
- Quadriceps* Clay & Meinertzhagen, 1939
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Quadriceps bicuspis* (Nitzsch, 1874)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
synonymy
Charadrius dubius curonicus: Cataluna, Espana
- Quadriceps fissus* (Burm.) 1838
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Charadrius hiaticulae: Jan Mayen Island, Norway
- Quadriceps junceus*
Mester, H., 1978, Ang. Parasitol., v. 19 (1), 20-28
Actornithophilus gracilis, *Austromenopon aegialitidis*, *Quadriceps junceus*, lapwing nestlings, correlation between number of lice and host age, food preferences of both sexes of lice, overcrowding
- Quadriceps ochropi* (Denny, 1842)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
synonymy
Tringa ochropus: Cataluna, Espana
- Quadriceps ornatus*
Fitzpatrick, C.; and Threlfall, W., 1977, Canad. J. Zool., v. 55 (7), 1205-1209
Larus argentatus
Rissa tridactyla
(breast, abdomen, and tail of all): all from Gull Island, Witless Bay, Newfoundland, Canada
- Quadricepsinae
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
"Quadricepsinae should be called *Cummingsiellinae*"
- Quadraseta
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Quadraseta Brennan, 1970
Goff, M. L.; and Brennan, J. M., [1978], Great Basin Nat., v. 37 (4), 1977, 501-509
redefined; key to species, includes: *Q. antillarum* (Brennan, 1967); *Q. azulae* (Brennan & Jones, 1964); *Q. rotstieri* n. sp.; *Q. trapezoides* (Brennan & Jones, 1964); *Q. tachirensis* n. sp.; *Q. pazca* (Brennan & Jones, 1964); *Q. mackenziei* (Yunker & Brennan, 1964); *Q. mirandae* n. sp.; *Q. flochi* (Brennan & Jones, 1960); *Q. falconensis* n. sp.; *Q. macarenae* (Brennan & Jones, 1964)
- Quadraseta falconensis* n. sp., illus.
Goff, M. L.; and Brennan, J. M., [1978], Great Basin Nat., v. 37 (4), 1977, 501-509
key
Sylvilagus floridanus: Falcon, W of Coro, Venezuela
- Quadraseta flochi* (Brennan & Jones, 1960)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Quadraseta mirandae* n. sp., illus.
Goff, M. L.; and Brennan, J. M., [1978], Great Basin Nat., v. 37 (4), 1977, 501-509
key
Oryzomys albigularis: Miranda, 1 km N of Caracas, Quebrada Chacaito
Proechimys guyannensis: Bolivar, E of Cai-cara; NW of Orania; Suere, E of Carupano; Zulia, Sierra de Perija
Proechimys sp.: Zulia, Sierra de Perija
Heteromys anomalus: Falcon, E of Mirimire; 1 km N of Caracas, Quebrada Chacaito; Suere, E of Carupano
Monodelphis brevicaudata: Falcon, E of Mirimire; Suere, E of Carupano; Yaracuy, W of San Felipe
Zygodontomys sp.: Falcon, E of Mirimire
Z. microtinus: Suere, E of Carupano
Echymys sp.: Lora, N of El Tocuyo
Didelphis marsupialis: Miranda, Caracas Country Club
all from Venezuela
- Quadraseta rotstieri* n. sp., illus.
Goff, M. L.; and Brennan, J. M., [1978], Great Basin Nat., v. 37 (4), 1977, 501-509
key
Proechimys guyannensis
Akodon urichi
all from Falcon, E of Maracaibo, Venezuela

- Quadrasetta tachirensis* n. sp., *illus.*
 Goff, M. L.; and Brennan, J. M., [1978], *Great Basin Nat.*, v. 37 (4), 1977, 501-509
 key
Akodon sp.: Tachira, San Cristobal
A. bogotensis: Tachira, San Cristobal
Zygodontomys sp.: Guarico
Oryzomys sp.: Tachira, San Cristobal
O. albigularis: Tachira, San Cristobal
O. minutus: Tachira, San Cristobal
O. capito: Yaracuy, W of San Felipe
 all from Venezuela
- Quasilistrophorus* gen. n.
 Fain, A.; Whitaker, J. O., jr.; and Lukoschus, F. S., [1979], *J. Parasitol.*, v. 64 (6), 1978, 1097-1099
Listrophoridae
 tod: *Q. microticolus* sp. n.
- Quasilistrophorus microticolus* sp. n. (tod), *illus.*
 Fain, A.; Whitaker, J. O., jr.; and Lukoschus, F. S., [1979], *J. Parasitol.*, v. 64 (6), 1978, 1097-1099
Arborimus albipes: Cascade Head Forest, Lincoln Co., Oregon
A. longicaudus: 10 mi E Brookings, Curry Co., Oregon; Carlotta, California
Synaptomys cooperi: Bicknell, Knox Co., Indiana
- Quateia irianensis* Price & Emerson, 1975
 Emerson, K. C.; and Price, R. D., 1979, *Pacific Insects*, v. 20 (1), 59-61
Otidiphaps nobilis: New Guinea
- Radfordia* sp.
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Glis glis
 all from Gory Sowie (Middle Sudetes), Poland
- Radfordia* sp.
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
 all from Gory Sowie (Middle Sudetes), Poland
- Radfordia* sp.
 Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
 ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus princeps: Utah
- Radfordia ensifera* (Poppe)
 Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Rattus norvegicus: Fort Dix, New Jersey
- Radfordia ensifera* (Poppe)
 Ramsay, G. W., 1977, *N. Zealand J. Zool.*, v. 4 (4), 393-394
Rattus exulans: Tokelau Islands
- Radfordia ensifera* (Poppe)
 Ramsay, G. W.; and Paterson, S. E., 1977, *N. Zealand J. Zool.*, v. 4 (4), 389-392
Rattus norvegicus
R. exulans
 all from Raoul Island
- Radfordia ensifera*
 Whitaker, J. O., jr., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Radfordia ewingi*
 Whitaker, J. O., jr., 1979, *Am. Midland Naturalist*, v. 101 (1), 49-60
 ectoparasites of *Zapus* spp., evolutionary and zoogeographical relationships: western North America
Zapus hudsonius: Colorado
Z. princeps: Utah
Z. trinotatus: British Columbia; Oregon
- Radfordia* (*Graphiurobia*) *gliruli* sp. nov., *illus.*
 Uchikawa, K., 1977, *Annot. Zool. Japon.*, v. 50 (2), 105-109
Glirulus japonicus: Kaida Village, Kiso-gun, Nagano Prefecture
- Radfordia lemmina* (Koch)
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Clethrionomys glareolus
Sorex alpinus
 all from Gory Sowie (Middle Sudetes), Poland
- Radfordia lemmina*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Sorex alpinus
 all from Gory Sowie (Middle Sudetes), Poland
- Radfordia* (*Graphiurobia*) *macdonaldi* n. sp., *illus.*
 Gill, D.; and Strandtmann, R. W., 1977, *J. Med. Entom.*, v. 14 (1), 101-106
Dicrostonyx torquatus: Bathurst Island, N. W. T., Canada, 75°43'N, 98°25'W
- Radfordia noctulia* Radford, 1951
 Fain, A., 1976, *Biol. Jaarb., Gent*, v. 44, 143-162
 as syn. of *Acanthophthirius* (*Acanthophthirius*) *noctulius* (Radford, 1938)
- Radfordia sigmodontis* (Radford, 1951)
 Mckeever, S.; and Henry, L. G., 1972, *Acarologia*, v. 14 (1), 32-34
 description of male
Sigmodon hispidus: Statesboro, Georgia
- Radfordiana nudoseta*, sp. n., *illus.*
 Goff, M. L., 1978, *J. Parasitol.*, v. 64 (5), 886-890
Varanus sp.: Bupu Riv, Sitium Vill, 20 km NE of Lae, Morobe Distr., Papua New Guinea
- Radfordiana rostrata* Womersley 1952, *illus.*
 Goff, M. L., 1978, *J. Parasitol.*, v. 64 (5), 886-890
 redescription
 +mounds of *Talegalla* sp.: Dobadura, Northern Distr., Papua New Guinea

- Raillietia auris* (Leidy, 1872) Trouessart, 1902
Nunes, I. J.; et al., 1975, Arq. Escola Vet. Univ. Fed. Minas Gerais, v. 27 (3), 375-383
cattle (ears): Brasilia, Brazil
- Raillietia auris* (Leidy, 1872)
Oliveira, G. P., 1978, Arq. Escola Vet. Univ. Fed. Minas Gerais, v. 30 (3), 307-310
Raillietia auris, cattle (ears), incidence, intensity, numbers of different stages and of males vs. females: Sao Paulo State, Brazil
- Raillietia whartoni* sp. n., illus.
Potter, D. A.; and Johnston, D. E., 1978, J. Parasitol., v. 64 (1), 139-142
Kobus kob (ears): Semliki Valley, Uganda
- Raillietiella Sambon*, 1910
Motta, C. da S.; and Gomes, D. C., 1968, Atas Soc. Biol. Rio de Janeiro, v. 12 (1), 7-9
Cephalobaenidae, key
- Raillietiella*
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
key
- Raillietiella affinis*, illus.
von Haffner, K., 1977, Zool. Anz., Jena, v. 199 (5-6), 353-370
- Raillietiella gehyrae* Bovien, 1927, illus.
Ramachandran, P., 1977, Zool. Anz., Jena, v. 198 (1-2), 84-88
Raillietiella gehyrae from *Calotes versicolor* (lungs), description, male and female reproductive systems, genome is 4 and somatic chromosome number is 8, transplantation to *Rana hexadactyla* (convenient laboratory host for short-term observations)
Calotes versicolor
Rana hexadactyla (exper.)
Gecko sp.
Mabuya carinata
(lungs of all): all from Kerala, India
- Raillietiella gomesi* sp. n., illus.
Motta, C. da S., 1963, Atas Soc. Biol. Rio de Janeiro, v. 7 (4), 8-10
Xenedon merremii (pulmao): Instituto Butantan, Estado de Sao Paulo, Brasil
- Raillietiella orientalis*
Ishii, A., 1973, Snake, v. 5 (1-2), 133-140
Trimeresurus flavoviridis (lungs): Amami-oshima, southern Japan
- Raillietiella orientalis* (Hett., 1915), illus.
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
Japan
- Rallinyssus sorae* sp. n., illus.
Pence, D. B.; and Young, V. E., 1979, J. Parasitol., v. 65 (5), 791-793
Porzana carolina (nasal turbinates): Patuxent Wildlife Refuge, Patuxent, Maryland; South Bass Island, Lake Erie, Ohio
- Raymondia* [sp.] cf. *seminuda*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
Triaenops persicus: Kenya
- Rectidigitus spooneri* (M. Rothschild, 1934), illus.
Mardon, D. K., 1978, Zool. Mededel. Rijksmus. Nat. Hist., Leiden, v. 53 (1), 10 pp.
Neophascogale lorentzii: Letterbox Camp, 3600 m and Mist Camp, 1800 m (West Irian)
- Rectidigitus traubi* Holland, 1969
Mardon, D. K., 1978, Zool. Mededel. Rijksmus. Nat. Hist., Leiden, v. 53 (1), 10 pp.
Peroryctes longicaudata dorsalis: Mist Camp, 1800 m (West Irian)
- Reighardia lomviae*, illus.
Bakke, T. A., 1978, Fauna, Oslo, v. 31 (2), 124-127
Fratercula arctica (air sacs): Hernyken, Rost, Norway
- Reighardia sterna* (Diesing, 1864), illus.
Bakke, T. A., 1978, Fauna, Oslo, v. 31 (2), 124-127
- Reighardia sterna* (Diesing, 1864)
Barus, V.; Sitko, J.; and Tenora, F., 1978, Acta Univ. Agric., Fac. Agronom., Brno, v. 26 (4), 169-182
incidence, intensity
Larus ridibundus
Sterna hirundo
(air sacs of all): all from Czechoslovakia
- Reighardia sterna*, illus.
von Haffner, K., 1977, Zool. Anz., Jena, v. 199 (5-6), 353-370
- Reighardia sterna* (Diesing, 1864), illus.
Riley, J.; James, J. L.; and Banaja, A. A., 1979, Parasitology, v. 78 (1), 53-66
Reighardia sterna, possible role of frontal and sub-parietal gland systems in evasion of host immune response, surface membrane system believed to be instrumental, related observations on *Porocephalus crotali*, parallels with situation of schistosome infections in mammals, alternative explanation of concomitant immunity
- Reticulinasus* sp.
Mitchell, R.; and Punzo, F., 1976, J. Bombay Nat. Hist. Soc., v. 73 (1), 84-87
Rousettus leschenaulti: Kathmandu, Nepal
- Rhabdopelidon Keler*, 1938
Zlotorzycza, J., 1972, Klucze Oznac. Owad. Polski (74), Sect. 15, 48 pp.
Gonioidoidea and *Trichodectoidea*, keys to sub-families, genera, and species, systematics, hosts: Poland
- Rhabdopedilon longicornis* (Nitzsch, 1818)
Kadulski, S., 1975, Acta Parasitol. Polon., v. 23 (41-51), 493-535
- Rhabdopedilon longicornis* (Nitzsch), illus.
Kadulski, S., 1978, Polskie Pismo Entom., v. 48 (2), 187-196
description of nymphal instars, redescription of adult female
Cervus elaphus: Poland
- Rhadinopsylla* Jordan and Rothschild, 1912
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Hystrichopsyllidae, key

- Rhadinopsylla [sp.]
Sosnina, E. F., 1973, Parazitologiya, Leningrad, v. 7 (1), 31-35
+Microtus arvalis (nest): mountain Crimea
- Rhadinopsylla accola Wagner, 1930, illus.
Tsai, L. Y.; Wu, W. C.; and Liu, C. Y., 1978, Acta Entom. Sinica, v. 21 (4), 447-452
description, females
Pitymys irene: Huang-zhung Xian, Qinghai, and Y-Zhi Xian, West China
Cricetulus kamensis: Y-Zhi Xian, West China
Microtus oeconomus: Y-Zhi Xian, West China
- Rhadinopsylla alphabetica Jameson & Sakaguti
Haas, G. E.; Barrett, R. E.; and Wilson, N., 1978, Canad. J. Zool., v. 56 (2), 333-338
Clethrionomys rutilus
Mustela erminea
all from Alaska
- Rhadinopsylla altaica
Lazareva, L. A.; and Eshelkin, I. I., 1975, Parazitologiya, Leningrad, v. 9 (1), 57-60
+Altiticola strelzovi (nest): south-eastern Altai
- R[hadinopsylla] cedestis
Emel'ianov, P. F.; et al., 1978, Biol. Zhurnal Armenii, v. 31 (9), 901-909
fleas of Meriones persicus, role of host in focality of plague: Transcaucasia
- Rhadinopsylla concava Ioff & Tiflov
Hong, H. K.; Walton, D. W.; and Yoon, Y. H., 1975, Korean J. Entom., v. 5 (2), 17-20
Microtus fortis: Korea
- Rhadinopsylla dahurica
Lazareva, L. A.; and Eshelkin, I. I., 1975, Parazitologiya, Leningrad, v. 9 (1), 57-60
+Altiticola strelzovi (nest): south-eastern Altai
- Rhadinopsylla (Actenophthalmus) fraterna (Baker)
Holland, G. P., 1979, Canad. Entom., v. 111 (6), 713-719
Martes americana americana: Spruce River Road, Thunder Bay District, Ontario, Canada
- Rhadinopsylla insolita
Hong, H. K.; Walton, D. W.; and Yoon, Y. H., 1975, Korean J. Entom., v. 5 (2), 17-20
Microtus fortis: Korea
- Rhadinopsylla integella Jordan
Arzamasov, I. T.; Kraevskaia, L. I.; and Labetskaja, A. G., 1977, Vestsi Akad. Navuk BSSR, s. Biial. Navuk (5), 104-109
[Clethrionomys glareolus]
[Apodemus flavicollis]
all from Belorussian Polesia
- Rhadinopsylla integella Jordan et Rothschild, 1921
Bartkowska, K.; Skuratowicz, W.; and Batchvarov, G., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (12), 863-869
Clethrionomys glareolus
Pitymys subterraneus
all from Rhodope Mts. (Studenets, 1750 m), Bulgaria
- Rhadinopsylla (Actenophthalmus) integella (Jordan et Rothschild 1921)
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France; Lerida, Spain
- Rhadinopsylla integella
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Rhadinopsylla integella
Haitlinger, R., 1978, Polskie Pismo Entom., v. 48 (3), 287-309
Clethrionomys glareolus
Pitymys subterraneus
Apodemus agrarius
all from west and east Beskid (Poland)
- Rhadinopsylla integella Jord.
Nazarova, I. V.; and Tikhvinskaia, M. V., 1971, Parazitologiya, Leningrad, v. 5 (5), 413-416
Arvicola terrestris: Middle Povolzh'e
- Rhadinopsylla (R.) integella casta
Adamovich, V. L., 1971, Parazitologiya, Leningrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not identified]: Volynsk forest, Ukrainian SSR
- Rhadinopsylla (Actenophthalmus) integella integella Jordan & Rothschild, 1921
Suci, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
Microtus nivalis: Italy
- Rhadinopsylla (Actenophthalmus) kullmanni new species, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Ochotona rufescens: Dumandi Pass, Afghanistan
- Rhadinopsylla li
Voronova, G. A.; and Feoktistov, A. Z., 1978, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (2), 97-100
fleas, Yersinia pestis subcultures isolated
- Rhadinopsylla li li
Lazareva, L. A.; and Eshelkin, I. I., 1975, Parazitologiya, Leningrad, v. 9 (1), 57-60
+Altiticola strelzovi (nest): south-eastern Altai
- Rhadinopsylla li transbaikalica Ioff et Tifl (1946)
Voronova, G. A.; and Feoktistov, A. Z., 1978, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (2), 97-100
fleas, Yersinia pestis subcultures isolated
- Rhadinopsylla li ventricosa
Bibikova, V. A.; and Klassovskii, L. N., 1972, Parazitologiya, Leningrad, v. 6 (3), 229-236
development of plague microbe in fleas, literature review with some original studies
- Rhadinopsylla media Smit, 1957, illus.
Benton, A. H.; and Timm, R. M., 1977, J. Med. Entom., v. 13 (4-5), 473-475
female described
Tamiasciurus hudsonicus hudsonicus: Squaw Lake, Itasca Co., Minnesota
Mustela erminea bangsi: Isle Royale National Park, Keweenaw Co., Michigan
Tamiasciurus hudsonicus regalis: Isle Royale National Park, Keweenaw Co., Michigan

- Rhadinopsylla multidenticulata* Morlan & Prince
Graves, G. N.; et al., 1974, *J. Med. Entom.*,
v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal
occurrence, and host preference
Dipodomys spectabilis
D. merriami
Neotoma micropus
Sigmodon hispidus
Onychomys leucogaster
Peromyscus leucopus
Sylvilagus audubonii
all from Chaves County, New Mexico
- Rhadinopsylla* (R.) *pentacantha*
Adamovich, V. L., 1971, *Parazitologiya*, Len-
ingrad, v. 5 (5), 417-418
fleas of small mammals [specific hosts not
identified]: Volynsk forest, Ukrainian SSR
- Rhadinopsylla* (*Actenophthalmus*) *pentacantha*
(Rothschild 1897)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, *Biol. Terr.*, v. 25 (1),
69-86
Lerida, Spain
- Rhadinopsylla pentacantha* (Rothschild)
Clark, F., 1978, *Entom. Gaz.*, v. 29 (4),
258-260
records of fleas from English birds and
mammals
- Rhadinopsylla pentacantha*
Haitlinger, R., 1977, *Polskie Pismo Entom.*,
v. 47 (3), 429-485
Clethrionomys glareolus
Pitymys subterraneus
Apodemus tauricus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Rhadinopsylla pentacantha*
Haitlinger, R., 1978, *Polskie Pismo Entom.*,
v. 48 (3), 287-309
Clethrionomys glareolus: Beskid (Poland)
- Rhadinopsylla pentacantha* (Rothschild), 1897
King, C. M., 1976, *J. Zool.*, London, v. 180
(4), 525-535
fleas of *Mustela nivalis*, seasonal distribu-
tion, host specificity, origin of fleas on
host: Wytham Woods, near Oxford
- Rhadinopsylla pentacantha*
Laumond, C.; and Beaucournu, J. C., 1978,
Ann. Parasitol., v. 53 (3), 291-302
parasitized by *Allantonematidae incertae*
sedis
- Rhadinopsylla* (*Actenophthalmus*) *pitymydis*?
(Zavattari 1914)
Beaucournu, J. C.; and Gosalbez, J., 1975,
Vie et Milieu, s. C, *Biol. Terr.*, v. 25 (1),
69-86
Pyrenees-Orientales, France; Gerona, Spain
- Rhadinopsylla* (*Micropsylla*) *rauschi* n. sp., *illus.*
Holland, G. P., 1979, *Canad. Entom.*, v. 111
(6), 713-719
Peromyscus maniculatus osgoodi: Cypress
Lake, south of Cypress Hills, Saskatchewan
- Rhadinopsylla* (*Actenophthalmus*) *rhigalea* sp.
nov., *illus.*
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11
(6), 693-702
Aiticola stoliczkanus: Mukut, Palpa district,
Nepal
- Rhadinopsylla* (*Micropsylla*) *sectilis sectilis*
Jordan and Rothschild 1923, *illus.*
Holland, G. P., 1979, *Canad. Entom.*, v. 111
(6), 713-719
- Rhadinopsylla ukrainica* Ioff
Volianskii, Iu. E., 1972, *Parazitologiya*, Len-
ingrad, v. 6 (1), 54-56
fleas in nests of *Microtus arvalis*, seasonal
changes in number and fauna in 2 different
habitats: environs of Odessa
- Rhamphocoptes capitonidis* Fain, 1956
Fain, A., 1977, *Rev. Zool. Africaine*, v. 91
(1), 83-116
as syn. of *Congocoptes capitonidis* (Fain,
1956)
- Rhinoestrus* spp.
Splisteser, H.; and Graefe, D., 1977, *Monatsh.*
Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm
animals, equipment for administering powder
preparations under extreme cold weather
conditions of Mongolian People's Republic
- Rhinoestrus hippopotami*
Wilkinson, A.; and Condy, J. B., 1979, *Rho-*
desian Vet. J., v. 10 (1), 24 [Letter]
hippopotami: lower Lundi river, Rhodesia
- Rhinoestrus purpureus* (Brauer, 1858)
Dorzh, C.; and Minar, J., 1971, *Folia Parasi-*
tol., v. 18 (2), 161-164
Equus caballus (lower nasal mucous membrane):
Mongolian People's Republic
- Rhinoestrus purpureus*
Rastegaev, Iu. M., 1978, *Vestnik Sel'skokhoz.*
Nauki Kazakhstana (3), 73-76
myiasis, helminths, horses, chlorophos,
amidophos, economic effectiveness of treat-
ment: northern Kazakhstan
- Rhinolophopsylla Oudemans*, 1909
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
Ischnopsyllidae, key
key to species, Afghanistan
- Rhinolophopsylla unipectinata turkestanica* Ioff,
1953, *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
key
Rhinolophus sp.
Myotis blythii
all from Afghanistan
- Rhinolophopsylla unipectinata unipectinata*
(Taschenberg, 1880), *illus.*
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64,
Sept. 14, 1-161
synonymy, key
bats
Rhinopoma hardwickei
Miniopterus schreibersi
Rhinolophus ferrumequinum
all from Afghanistan
- Rhinonyssus acribyx* ssp. *vanellus* subsp. nov.,
illus.
Fain, A., [1973], *Acarologia*, v. 14 (3),
1972, 357-364
Vanellus vanellus (fosses nasales): Bras-
schaat, pres d'Anvers, Belgique

- Rhinonyssus alberti Str.
Butenko, O. M., 1973, Parazitologiya, Lenin-grad, v. 7 (3), 244-246
Podiceps caspicus
P. ruficollis
P. auritus
all from USSR
- Rhinonyssus colymbicola F. et Baf.
Butenko, O. M., 1973, Parazitologiya, Lenin-grad, v. 7 (3), 244-246
Podiceps griseigena: USSR
- Rhinonyssus colymbicola Fain, 1963, illus.
Feider, Z.; and Mironescu, I., 1972, Acarologia, v. 14 (1), 21-31
Mesonyssus gerschi n. sp., M. hirsutus, Rhinonyssus colymbicola, method of attachment to host nasal mucosa
Podiceps cristatus (cavite nasale)
- Rhinonyssus levinseni Hirst, 1921
Kaneko, K.; Matsudaira, Y.; and Masahito, (Prince), 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 147-154
as syn. of Rhinonyssus rhinolethrum (Trouessart)
- Rhinonyssus minutus ssp. leucopolius subspec. nov.
Fain, A., [1973], Acarologia, v. 14 (3), 1972, 357-364
Leucopolius pecuarius (fosses nasales): mort au Zoo d'Anvers
- Rhinonyssus rhinolethrum (Trouessart), illus.
Kaneko, K.; Matsudaira, Y.; and Masahito, (Prince), 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 147-154
synonymy
Anas a. acuta (nasal passage)
A. c. crecca
A. penelope
A. clypeata
A. poecilorhyncha zonorhyncha
A. p. platyrhynchos
all from Japan
- Rhinonyssus tschomgae sp. n., illus.
Butenko, O. M., 1973, Parazitologiya, Lenin-grad, v. 7 (3), 244-246
Podiceps cristatus (nasal cavity): Azerbaidzhan (Kyzyl-Agachsk national forest), Krasnodarsk krai, Amudar delta
P. griseigena (nasal cavity): Azerbaidzhan
- Rhinoptes pternistis Fain, illus.
Kaneko, K.; Kadosaka, T.; and Toshioka, S., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 161-165
redescription
Bambusicola thoracica thoracica: Sagamihara, Kanagawa Pref., Japan
- Rhipicephalator bicornis
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
leopard
dog
all from Zambia
- Rhipicephalus
Van der Borgh-Elbl, A., 1977, Ann. K. Mus. Midden-Africa, Tervuren, s. 8, Zool. Wetensch. (222), 158 pp.
Ixodidae
key
- Rhipicephalus spp.
Gear, J. H. S., 1978, South African J. Hosp. Med., v. 4 (2), 45-49
ticks, vectors of tick bite fever in South Africa
- Rhipicephalus sp.
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
buffalo: Zambia
- Rhipicephalus sp. (near appendiculatus)
Wysoki, M.; and Bolland, H. R., 1978, Genetica, v. 48 (3), 233-238
Rhipicephalus spp., spermatogenesis, chromosomes, sex determination: East Africa
- Rhipicephalus appendiculatus
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of Rhipicephalus appendiculatus makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus appendiculatus
Brede, H. D.; and Neiteler, B. F., 1971, South African Med. J., v. 45 (28), 775-776
Rhipicephalus appendiculatus, vector of Salmonella roggeveld in the western Cape Province
- Rhipicephalus appendiculatus
Brown, C. G. D.; et al., 1978, Exper. Parasitol., v. 45 (1), 55-64
Theileria parva, experiments support hypothesis that the parasite (either as an infective particle derived from Rhipicephalus appendiculatus or as a macroschizont) may become closely associated with a member of the leukocyte series and that, on inoculation of such material into cattle, subsequent development to produce East Coast fever is dependent on acceptance of these cells by the recipient
- Rhipicephalus appendiculatus
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Rhipicephalus appendiculatus
Davies, F. G., 1978, J. Hyg., Cambridge, v. 81 (2), 251-258
Rhipicephalus appendiculatus, distribution coincides closely with distribution of Nairobi sheep disease (NSD) antibody in sheep and goats, no correlation between distribution of other ticks (Amblyomma variegatum, R. evertsi, and R. pulchellus) and NSD antibody: Kenya

- Rhipicephalus appendiculatus*
Davies, F. G., 1978, *J. Hyg., Cambridge*, v. 81 (2), 259-265
Rhipicephalus appendiculatus, isolation of Nairobi sheep disease virus, failure to isolate virus from other ticks: Kenya
- Rhipicephalus appendiculatus*
Gear, J. H. S., 1978, *South African J. Hosp. Med.*, v. 4 (2), 45-49
ticks, vectors of tick bite fever in South Africa
- Rhipicephalus appendiculatus*
Giles, N.; et al., 1978, *Vet. Rec.*, v. 102 (14), 313
Masai cattle (ears): Loita Hills near Narosura, Kenya
- Rhipicephalus appendiculatus*
Gothe, R.; and Mieth, H., 1978, *Berl. u. Munchen. Tierarztl. Wchnschr.*, v. 91 (10), 193-196
Boophilus microplus strains, *Rhipicephalus appendiculatus*, *R. evertsi evertsi*, SAN 322 I, drug efficacy in vitro
- Rhipicephalus appendiculatus*
Hammant, C. A., 1977, *Rhodesian Vet. J.*, v. 8 (4), 67-70
ticks, resistance survey of field strains to commonly used ixodocides, changeover from arsenic to dioxathion dipping of cattle, dramatic improvement in tick control, necessities complete overhaul of dipping facilities and retraining of personnel: Tribal Trust Lands of Rhodesia
- Rhipicephalus appendiculatus*
Irvin, A. D.; et al., 1977, *Tropenmed. u. Parasitol.*, v. 28 (4), 507-512
Theileria parva, mice, piroplasm infection of erythrocytes following intraperitoneal inoculation with irradiated cultures of infected bovine lymphoid cells, infection could not be transmitted to cattle using *Rhipicephalus appendiculatus*
- Rhipicephalus appendiculatus*
Jessett, D. M., 1978, *Trop. Animal Health and Prod.*, v. 10 (2), 99-100
serological evidence of Nairobi sheep disease, sheep, goats, highest positive results from areas where *Rhipicephalus appendiculatus* was commonly present: Tanzania
- Rhipicephalus appendiculatus*
Kimeto, B. A., 1978, *Am. J. Vet. Research*, v. 39 (7), 1117-1122
Theileria parva transmitted by *Rhipicephalus appendiculatus* to calves (exper.), histopathologic and electron microscopic studies of cutaneous lesions
- Rhipicephalus appendiculatus* Neumann, 1901
Lourens, J. H. M.; and van de Klashorst, G., 1979, *Ztschr. Ang. Entom.*, v. 87 (3), 230-238
Rhipicephalus appendiculatus, organochlorine susceptible and tolerant populations: East Africa
- Rhipicephalus appendiculatus*
Lourens, J. H. M.; and Lyaruu, D. M., 1979, *PANS*, v. 25 (2), 135-142
Rhipicephalus appendiculatus, susceptibility of organochlorine susceptible and resistant East African strains to ten cholinesterase inhibiting acaricides
- Rhipicephalus appendiculatus*, illus.
Maathai, W. M. J. M., 1977, *Bull. Animal Health and Prod. Africa*, v. 25 (3), 269-272
Rhipicephalus appendiculatus, fine structure of type (a) and (b) cells in salivary alveoli type II of unfed adults
- Rhipicephalus appendiculatus*, illus.
Maathai, W. M. J. M., 1977, *Bull. Animal Health and Prod. Africa*, v. 25 (4), 415-419
Rhipicephalus appendiculatus, adult unfed ticks fed as nymphs on animals suffering from *Theileria parva*, fine structure of uninfected and infected salivary cell types (c) and (d)
- Rhipicephalus appendiculatus*
Mchinja, S. J.; Young, A. S.; and Omwoyo, P., 1975, *Bull. Animal Health and Prod. Africa*, v. 25 (2), 158-161
Theileria parva, inoculation of oxytetracycline into rabbits on which infected *Rhipicephalus appendiculatus* are feeding did not inhibit development of parasites nor affect their subsequent infectivity for cattle, possible use of this system in screening prophylactic drugs against East Coast fever
- Rhipicephalus appendiculatus*
MacLeod, J.; and Mwanaumo, B., 1978, *Bull. Entom. Research*, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution common duiker
bushbaby
cattle
sable antelope
kudu
impala
grysbok
zebra
lion
genet
hippopotamus
all from Zambia
- Rhipicephalus appendiculatus*
Norval, R. A. I., 1977, *Rhodesian Vet. J.*, v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
cattle
sheep
humans
all from Kandeya Tribal Trust Land, north-east Rhodesia
- Rhipicephalus appendiculatus*
Norval, R. A. I., 1978, *Rhodesian Vet. J.*, v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Rhipicephalus appendiculatus*
Norval, R. A. I., 1979, *J. Parasitol.*, v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species

- Rhipicephalus appendiculatus*
Payne, R. C.; and Purnell, R. E., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 297-301
Rhipicephalus appendiculatus, survival in relation to induced activity (stimulation by breathing on ticks or by warming them to to 37°C) at varying intervals
- Rhipicephalus appendiculatus*
Rechav, Y.; Whitehead, G. B.; and Terry, S. B., 1978, J. South African Vet. Ass., v. 49 (2), 99-101
ticks, mortality curves of larvae dipped in dioxathion, chlorphenvinphos, and oxionthiophos, time of application, larvae of ticks exhibit diel periodicity in sensitivity to acaricides
- R[*hipicephalus*] *appendiculatus*
Sheikh, N. A., 1977, Pakistan J. Scient. Research, Lahore, v. 29, 1-6
R[*hipicephalus*] *appendiculatus*, rabbits, immune response to different number of ticks feeding at same time, engorgement and moulting periods, amounts of blood ingested; density dependent effect possibly due to increased cellular reaction of sensitized host
- Rhipicephalus appendiculatus* Neumann
Tukahirwa, E. M., 1976, Bull. Entom. Research, v. 66 (2), 301-312
Rhipicephalus appendiculatus, temperature, humidity, and vegetation, effects on development and survival
- Rhipicephalus appendiculatus*
Uilenberg, G.; et al., 1977, Tropenmed. u. Parasitol., v. 28 (4), 494-498
Theileria spp. (Idobogo and Mwanza), cattle (nat. and exper.); transmission by *Rhipicephalus appendiculatus* (exper.); clinical, parasitological, and serological observations; susceptibility of recovered animals to *T. parva*; similarity to *Theileria* sp. (Githunguri); may confuse studies on *T. parva* and *T. mutans*: Tanzania
- Rhipicephalus appendiculatus*, illus.
Varma, M. G. R.; Pudney, M.; and Leake, C. J., 1975, J. Med. Entom., v. 11 (6), 698-706
Rhipicephalus appendiculatus, establishment of 3 cell lines from developing adult tissues, successful infection of 1 cell line with 4 arboviruses
- Rhipicephalus appendiculatus*
Walker, A. R.; et al., 1979, Trop. Animal Health and Prod., v. 11 (1), 21-26
Theileria spp., rapid quantitative assessment of infection in ticks, simplified method for methyl green pyronin staining of salivary glands
- Rhipicephalus appendiculatus*
Walker, A. R.; et al., 1979, Research Vet. Sc., v. 26 (2), 264-265
methods for infecting *Rhipicephalus appendiculatus* ticks with *Theileria parva* by injection vs. by artificial feeding
- Rhipicephalus appendiculatus*
Wysocki, M.; and Bolland, H. R., 1978, Genetica, v. 48 (3), 233-238
Rhipicephalus spp., spermatogenesis, chromosomes, sex determination: East Africa
- Rhipicephalus appendiculatus*
Young, A. S.; et al., 1978, Parasitology, v. 76 (1), 99-115
Theileria mutans isolated from cattle exposed in Narok District of Kenya, transstadially transmissible by *Amblyomma variegatum* but not by *Rhipicephalus appendiculatus*, mechanically transmissible by blood containing piroplasms or lymphoid cells infected with schizonts, course of infection, pathogenicity, and morphology in cattle (exper.)
- Rhipicephalus appendiculatus*
Young, A. S.; Burrige, M. J.; and Payne, R. C., 1977, Trop. Animal Health and Prod., v. 9 (1), 37-34
Syncerus caffer: Mara region, Kenya
Bos taurus (exper.)
- Rhipicephalus appendiculatus*
Young, A. S.; Leitch, B. L.; and Omwoyo, P. L., 1979, Vet. Rec., v. 105 (23), 531-533
Theileria parva, induction of infective stages in salivary glands of infected unfed *Rhipicephalus appendiculatus* by exposure of ticks to high temperature, epidemiological significance
- Rhipicephalus bursa*
Harbov, D. D.; et al., 1977, Dokl. Bolgar. Akad. Nauk, v. 30 (2), 289-291
Rhipicephalus bursa, oxygen consumption during infections with *Erysipelothrix insidiosa* and *Yersinia pseudotuberculosis*, indication of level of intracellular respiration and state of ticks during stages of infection
- Rhipicephalus bursa*
Martinez, F.; et al., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 207-211
Vulpes vulpes: provincia de Cordoba, Espana
- Rhipicephalus bursa*
Monov, M.; Petrov, D.; and Milushev, I., 1977, Vet. Med. Nauki, v. 14 (5), 48-54
ixodid ticks, distribution, seasonal activity, descriptions of biotopes: Northwest Bulgaria
- Rhipicephalus bursa*
Musatov, V. A., 1978, Veterinariia, Moskva (6), 57-61
ixodid ticks, pathology of host skin reaction to bite and feeding, nonspecific (innate) reaction and specific immune reaction
- Rhipicephalus bursa*
Rashidov, A. A.; and Elagin, V. I., 1978, Veterinariia, Moskva (6), 65-66
Theileria *sergenti*, splenectomized cattle, course of infection, clinical aspects; failure to transmit by *Rhipicephalus bursa*: Degestan
- Rhipicephalus bursa*
Respaldiza Cardenosa, E., 1974, An. Inst. Nac. Invest. Agrar., s. Hig. y San. Animal (1), 167-181
Ixodidae, vectors of neorickettsias, none found in *Dermacentor marginatus*: Spain
- Rhipicephalus bursa* Canestrini e Fanzago, 1877
Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parassitologia, v. 18 (1-3), 109-118
Ovis aries: Provincia di l'Aquila, Abruzzo, Italia

- Rhipicephalus bursa*
Tsintsadze, D. Sh.; and Gugushvili, G. K., 1978, Soobshch. Akad. Nauk Gruzinsk. SSR, v. 92 (3), 729-732
Ixodidae spp. found not to be vectors of *Listeria monocytogenes* in confirmed bovine disease foci: Georgian SSR
- Rhipicephalus bursa*
Vulchovski, Ia.; et al., 1977, Vet. Sbirka, v. 75 (5), 26-29
tick control important in prophylaxis of piroplasmosis under range conditions: Bulgaria
- Rhipicephalus capensis*
Nagy, G., 1971, J. South African Vet. Ass., v. 42 (3), 227-232
Hyalomma truncatum, *Rhipicephalus capensis*, *Ixodes rubicundus*, sheep, no relationship between tick infestation and incidence of caseous lymphadenitis: Karoo, South Africa
- Rhipicephalus carnivoralis* Walker
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution lion: Zambia
- Rhipicephalus compositus*
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriosis: Malawi
- Rhipicephalus compositus*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution lion
leopard
dog
puku
common duiker
buffalo
bushpig
cattle
roan antelope
all from Zambia
- Rhipicephalus compositus*
Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping cattle: Kandeuya Tribal Trust Land, north-east Rhodesia
- Rhipicephalus compositus*
Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Rhipicephalus compositus*
Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Rhipicephalus cuspidatus*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Thryonomys swinderianus
Phacochoerus aethiopicus
Hystrix cristata
all from Haute-Volta
- Rhipicephalus cuspidatus*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
Orycteropus afer: Darfur Province, Sudan
- Rhipicephalus evertsi*, Neumann 1897, illus.
Cross, R. H. M.; von Maltzahn, H. C.; and Whitehead, G. B., 1975, Proc. Electron Microsc. Soc. South. Africa, v. 5, 77-78
Rhipicephalus evertsi, structure of Haller's organ, scanning electron microscopy
- Rhipicephalus evertsi*
Davies, F. G., 1978, J. Hyg., Cambridge, v. 81 (2), 251-258
Rhipicephalus appendiculatus, distribution coincides closely with distribution of Nairobi sheep disease (NSD) antibody in sheep and goats, no correlation between distribution of other ticks (*Amblyomma variegatum*, *R. evertsi*, and *R. pulchellus*) and NSD antibody: Kenya
- Rhipicephalus evertsi*
Hammant, C. A., 1977, Rhodesian Vet. J., v. 8 (4), 67-70
ticks, resistance survey of field strains to commonly used ixodocides, changeover from arsenic to dioxathion dipping of cattle, dramatic improvement in tick control, necessitates complete overhaul of dipping facilities and retraining of personnel: Tribal Trust Lands of Rhodesia
- Rhipicephalus evertsi*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution zebra
buffalo
lion
serval
cattle
impala
sheep
all from Zambia
- Rhipicephalus evertsi*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria

- Rhipicephalus evertsi*
Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
cattle
horses
all from Kandeya Tribal Trust Land, north-east Rhodesia
- Rhipicephalus evertsi*
Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Rhipicephalus evertsi*
Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Rhipicephalus evertsi*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
cattle
sheep
goat
all from Darfur Province, Sudan
- Rhipicephalus evertsi*
Rechav, Y.; Whitehead, G. B.; and Terry, S. B., 1978, J. South African Vet. Ass., v. 49 (2), 99-101
ticks, mortality curves of larvae dipped in dioxathion, chlorphenvinphos, and oxionthiophos, time of application, larvae of ticks exhibit diel periodicity in sensitivity to acaricides
- Rhipicephalus evertsi*
Wood, O. L.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (3), 600-604
ixodid ticks, isolation of Crimean-Congo hemorrhagic fever, Thogoto, Dugbe, and Jos viruses: Ethiopia
- Rhipicephalus evertsi*
Young, A. S.; Burridge, M. J.; and Payne, R. C., 1977, Trop. Animal Health and Prod., v. 9 (1), 37-34
Syncerus caffer: Mara region, Kenya
Bos taurus (exper.)
- Rhipicephalus e. evertsi*
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Rhipicephalus evertsi evertsi*
Gothe, R.; and Mieth, H., 1978, Berl. u. Munchen. Tierarztl. Wchnschr., v. 91 (10), 193-196
Boophilus microplus strains, *Rhipicephalus appendiculatus*, *R. evertsi evertsi*, SAN 322 I, drug efficacy in vitro
- Rhipicephalus evertsi evertsi* Neumann, 1897
Hamel, H. D.; and Gothe, R., 1978, Vet. Parasitol., v. 4 (2), 183-191
Rhipicephalus evertsi evertsi, sheep, paralysis-inducing potential, characterization of paralysis, intensity directly related to infestation level and inversely proportional to age and weight of host animals
- Rhipicephalus evertsi evertsi* Neumann
Lourens, J. H. M.; and Tatchell, R. J., 1979, Bull. Entom. Research, v. 69 (2), 235-242
Rhipicephalus evertsi evertsi, identification and inheritance of resistance factors to organochlorine acaricides, experimental hybrids between susceptible and resistant strains
- Rhipicephalus evertsi evertsi* Neumann, 1897, illus.
Mehlhorn, H.; Schein, E.; and Warnecke, M., 1979, J. Protozool., v. 26 (3), 377-385
Theileria ovis, gamogony and sporogony in *Rhipicephalus evertsi evertsi*, electron-microscopic studies
- Rhipicephalus evertsi evertsi*
Selim, M. K.; et al., 1970, Vet. Med. J., Giza, v. 17 (18), 173-193
cattle: imported to United Arab Republic
- Rhipicephalus evertsi evertsi*
Wysocki, M.; and Bolland, H. R., 1978, Genetica, v. 48 (3), 233-238
Rhipicephalus spp., spermatogenesis, chromosomes, sex determination: East Africa
- Rhipicephalus guilhoni*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Rhipicephalus guilhoni*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Lepus sp.
Neotis caffra
Hippotragus equinus
Phacochoerus aethiopicus
all from Haute-Volta
- Rhipicephalus guilhoni*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
cattle
goats
dog
all from Darfur Province, Sudan
- Rhipicephalus haemaphysaloides*
Bhat, H. R.; et al., 1978, Acta Virol., Internat. J., English ed., v. 22 (3), 241-244
Rhipicephalus haemaphysaloides, transmission of Kysanur Forest disease virus to rodents

- Rhipicephalus haemaphysaloides* Supino, 1897
De, S. K.; and Gupta, S. K., 1978, Indian Vet. J., v. 55 (1), 80-82
goat
sheep
mole
horse
man
all from Arunachal Pradesh, India
- Rhipicephalus haemaphysaloides*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Centropus sinensis
Mus booduga
M. saxicola
Rattus blanfordi
R. cutchicus
R. rattus arboreus
Suncus murinus
Canis aureus
all from Orissa state, India
- Rhipicephalus haemaphysaloides* Sharif
Miranpuri, G. S.; Singh, J.; and Lahkar, B. C., 1978, Indian J. Ecol., v. 5 (1), 23-29
ixodid ticks of domestic and wild animals, survey, distribution, host-relationship
goat: Assam Valley, India
- Rhipicephalus haemaphysaloides* Supino
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
cow
goat
sheep
all from Maharashtra State, India
- Rhipicephalus haemaphysaloides haemaphysaloides*
Chaudhri, R. P.; Gill, B. S.; and Khan, M. H., 1975, Ann. Soc. Belge Med. Trop., v. 55 (4), 327-332
Babesia bigemina, transovarial transmission to Indian cattle (exper.) by Boophilus microplus, transmission by nymphs of Hyalomma a. anatolicum but not by larval or adult ticks, other ticks used in study failed to transmit infection
- Rhipicephalus hurti*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
cattle: Zambia
- Rhipicephalus kochi*
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus longicoxatus* (?)
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
impala: Zambia
- Rhipicephalus longus*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
buffalo
warthog
bushpig
all from Zambia
- Rhipicephalus longus*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
[no host]: Darfur Province, Sudan
- Rhipicephalus lunulatus*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Rhipicephalus lunulatus*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Hystrix cristata: Haute-Volta
- Rhipicephalus masseyi*
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus masseyi*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
bushpig
lion
leopard
cattle
all from Zambia
- Rhipicephalus muhlensi*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Tragelaphus s. scriptus: Sierra Leone
- Rhipicephalus muhsamae*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Rhipicephalus muhsamae*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Hippotragus equinus
Thryonomys swinderianus
Phacochoerus aethiopicus
Panthera pardus
P. leo
Hystrix cristata
all from Haute-Volta

- Rhipicephalus naevai* Warburton
 MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
 ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
 zebra
 buffalo
 warthog
 bushpig
 sable antelope
 roan antelope
 kudu
 bushbuck
 impala
 grysbok
 cattle
 all from Zambia
- Rhipicephalus pravus*
 Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
 cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus pravus* gp.
 MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
 ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
 common duiker
 bushpig
 lion
 leopard
 cattle
 all from Zambia
- Rhipicephalus pravus*
 Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
 ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
 cattle: Kandeya Tribal Trust Land, north-east Rhodesia
- Rhipicephalus pravus*
 Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
 ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Rhipicephalus pravus*
 Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
 ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Rhipicephalus pulchellus*
 Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
 economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Rhipicephalus pulchellus*
 Davies, F. G., 1978, J. Hyg., Cambridge, v. 81 (2), 251-258
Rhipicephalus appendiculatus, distribution coincides closely with distribution of Nairobi sheep disease (NSD) antibody in sheep and goats, no correlation between distribution of other ticks (*Amblyomma variegatum*, *R. evertsi*, and *R. pulchellus*) and NSD antibody: Kenya
- Rhipicephalus pulchellus*
 Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
 human tick infestations, review of reports to the Toronto Public Health Laboratory from 1967-1977, both locally and foreign acquired infestations: Canada
- Rhipicephalus pulchellus*
 Wood, O. L.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (3), 600-604
 ixodid ticks, isolation of Crimean-Congo hemorrhagic fever, Thogoto, Dugbe, and Jos viruses: Ethiopia
- Rhipicephalus pumilio* Sch.
 Skliar, V. E., 1970, Parazitologia, Leningrad, v. 4 (6), 524-527
 [*Rattus norvegicus*]: southern Donets oblast
- Rhipicephalus punctatus*
 Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
 cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus punctatus* Warburton
 MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
 ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
 roan antelope
 cattle
 all from Zambia
- Rhipicephalus pusillus*, illus.
 Battelli, C.; et al., [1978], Riv. Parassitol., Roma, v. 38 (2-3), 1977, 263-267
Rhipicephalus turanicus, *R. sanguineus*, and *R. pusillus*, differential characters: Arcipelago Siciliano
- Rhipicephalus pusillus* Gil Collado, 1938, illus.
 Gallo, C.; Rilli, S.; and Sobrero, L., 1977, Riv. Parassitol., Roma, v. 38 (1), 89-91
 description
Oryctolagus cuniculus: isola di Ustica, Italia
- Rhipicephalus pusillus* Gil-Collado, 1936
 Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384
Apodemus sylvaticus: Altafulla, Tarragona
Eliomys quercinus lusitanicus: Donana, Huelva; El Pardo, Madrid
Eliomys quercinus: El Pardo, Madrid
Clethrionomys glareolus: El Rasillo, Logrono
Microtus arvalis: Villaneuva de los Escuderos, Cuenca
 all from Espana

- Rhipicephalus reichenowi*
Berggren, S. A., 1978, *Vet. Parasitol.*, v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus reichenowi* Zumpt
MacLeod, J.; and Mwanaumo, B., 1978, *Bull. Entom. Research*, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
bushpig
warthog
lion
cattle
all from Zambia
- Rhipicephalus rossicus* Jak. et K.-Jak.
Skliar, V. E., 1970, *Parazitologiya*, Leningrad, v. 4 (6), 524-527
[*Apodemus*]
[*Mus musculus*]
[*Microtus arvalis*]
[*Cricetulus migratorius*]
[*Rattus norvegicus*]
[*Mustela eversmanni*]
[*Vulpes vulpes*]
all from southern Donets oblast
- Rhipicephalus sanguineus* (Latreille)
Barker, R. J.; and Lehner, Y., 1976, *J. Med. Entom.*, v. 13 (3), 379-380
Rhipicephalus sanguineus, *Dermacentor andersoni*, hemolymph sugar content analyzed
- Rhipicephalus sanguineus*, *illus.*
Battelli, C.; et al., [1978], *Riv. Parassitol.*, Roma, v. 38 (2-3), 1977, 263-267
Rhipicephalus turanicus, *R. sanguineus*, and *R. pusillus*, differential characters: Arcipelago Siciliano
- Rhipicephalus sanguineus*
Berggren, S. A., 1978, *Vet. Parasitol.*, v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus sanguineus*, *illus.*
Cheong, W. H.; Rajamanikam, C.; and Mahadevan, S., 1978, *Southeast Asian J. Trop. Med. and Pub. Health*, v. 9 (3), 456-458
Rhipicephalus sanguineus, naturally parasitized by small chalcid wasp (*Hunterellus hookeri*): Petaling Jaya, Peninsula Malaysia
- Rhipicephalus sanguineus*
Crampton, P. L.; and Gichanga, M. M., 1979, *Bull. Entom. Research*, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides
- Rhipicephalus sanguineus*
Dawkins, C. C.; and Gladney, W. J., 1978, *J. Econom. Entom.*, v. 71 (4), 657-660
3-host ticks, guinea pigs, amitraz, Upjohn U-42,564, chlordimeform, detachment response and mortality
- Rhipicephalus sanguineus*
Dickerson, M. S., 1977, *Texas Med.*, v. 73, 83-89
ticks as vectors of Rocky Mountain spotted fever, epidemiologic characteristics in Texas
- Rhipicephalus sanguineus*
Doval, C. P.; and Gupta, I., 1978, *Indian Vet. J.*, v. 55 (11), 890-892
mange and lice in sheep, mange and ticks in dogs, efficacy of cythioate, safe, convenient and acceptable
- Rhipicephalus sanguineus*, *illus.*
Hackman, W., 1977, *Mem. Soc. Fauna et Flora Fennica*, v. 53 (2), 116
Rhipicephalus sanguineus, not previously reported from Finland, possibly introduced with basket from Portugal: Tampere/Tammerfors, Finland
- Rhipicephalus sanguineus* (Latreille)
Harlan, H. J.; and Kramer, R. D., 1979, *Entom. News*, v. 90 (2), 79-87
Canis familiaris: Fort Dix, New Jersey
- Rhipicephalus sanguineus*
Heath, A. C. G., 1979, *Internat. J. Parasitol.*, v. 9 (1), 33-39
Haemaphysalis longicornis, *Ixodes holocyclus*, and *Rhipicephalus sanguineus* eggs, temperature and humidity preferences
- Rhipicephalus sanguineus*
Kamara, J. A., 1975, *Bull. Animal Health and Prod. Africa*, v. 23 (3), 265-268
Tragelaphus s. scriptus: Sierra Leone
- Rhipicephalus sanguineus*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, *Indian J. Animal Sc.*, v. 49 (9), 707-712
Canis aureus
C. familiaris
all from Orissa state, India
- Rhipicephalus sanguineus*
Kibble, R., 1979, *Austral. Vet. J.*, v. 55 (1), 40-41 [Letter]
fleas, ticks, dogs, DDVP and propoxur-impregnated collars, recommendations: Australia
- Rhipicephalus sanguineus*
Kigaye, M. K., 1977, *Bull. Animal Health and Prod. Africa*, v. 25 (3), 295-298
Leptoptilos crumeniferus (skin of neck): Mukuno abattoir, about 16 km from Kampala, Uganda
- Rhipicephalus sanguineus*
Linardi, P. M.; and Nagem, R. L., 1973, *Rev. Brasil. Biol.*, v. 33 (4), 529-537
Pulicidae and other ectoparasites on dogs, survey, frequent mixed infections: Belo Horizonte and neighboring townships of Minas Gerais

- Rhipicephalus sanguineus*
 MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
 ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
 buffalo
 leopard
 lion
 genet
 side-striped jackal
 dog
 hippopotamus
 cattle
 sheep
 all from Zambia
- Rhipicephalus sanguineus* (Latreille)
 Miranpuri, G. S.; Singh, J.; and Lahkar, B. C., 1978, Indian J. Ecol., v. 5 (1), 23-29
 ixodid ticks of domestic and wild animals, survey, distribution, host-relationship
 dog
 cattle
 goat
 all from Assam Valley, India
- Rhipicephalus sanguineus*, illus.
 Moulton, J. E., 1978, Am. J. Vet. Research, v. 39 (9), 1558-1564
 preparation of primary cultures of tick cells
- Rhipicephalus sanguineus*
 Musatov, V. A., 1978, Veterinariia, Moskva (6), 57-61
 ixodid ticks, pathology of host skin reaction to bite and feeding, nonspecific (innate) reaction and specific immune reaction
- Rhipicephalus sanguineus*
 Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
 ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
 dogs: Kandeya Tribal Trust Land, north-east Rhodesia
- Rhipicephalus sanguineus*
 Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
 ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Rhipicephalus sanguineus* group
 Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
 ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Rhipicephalus sanguineus*
 Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
 zoogeographical distribution
 sheep
 goats
 dogs
 all from Darfur Province, Sudan
- Rhipicephalus sanguineus*
 Respaldiza Cardenosa, E., 1974, An. Inst. Nac. Invest. Agrar., s. Hig. y San. Animal (1), 167-181
 Ixodidae, vectors of neorickettsias, none found in *Dermacentor marginatus*: Spain
- Rhipicephalus sanguineus*
 Sandoval, E. F. D., 1974, Rev. Microbiol., S. Paulo, v. 5 (3), 55-57
 ticks, use of agar-gel diffusion technique to identify blood meal, useful application to vector and zoonotic surveys
- Rhipicephalus sanguineus*
 Schechter, M. S.; et al., 1974, J. Med. Entom., v. 11 (2), 231-233
 d-phenothrin, aircraft disinsection trials, not effective against *Xenopsylla cheopis* and *Rhipicephalus sanguineus*
- Rhipicephalus sanguineus*
 Scholten, T., 1977, Canad. J. Pub. Health, v. 68 (6), 494-496
 possible human infestation, report to Toronto Public Health Laboratory: Toronto, Canada
- Rhipicephalus sanguineus* Latreille, 1806, illus.
 Sobrero, L.; Paggi, L.; and Manilla, G., 1976, Parasitologia, v. 18 (1-3), 109-118
 Canis familiaris: Provincia di l'Aquila e Provincia di Chieti, Abruzzo, Italia
- Rhipicephalus sanguineus* (Latreille, 1806), illus.
 Sonenshine, D. E., 1979, Research Div. Bull. (139), Virginia Polytech. Inst. and State Univ., 42 pp.
 ticks of Virginia, key, diagnostic description, geographical distribution, host associations, seasonal activity, review
- Rhipicephalus sanguineus*
 Sonenshine, D. E.; et al., 1974, J. Med. Entom., v. 11 (3), 307-315
Dermacentor variabilis, *D. andersoni*, female sex pheromone, chemical and biological evidence for existence, interspecific and intergeneric sex attractant activity involving both *Dermacentor* spp. and *Rhipicephalus sanguineus*
- Rhipicephalus sanguineus* (Lat.)
 Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
 Mus platythrix
 Rattus rattus
 R. norvegicus
 Suncus murinus
 Tatera indica
 dog
 all from Maharashtra State, India
- Rhipicephalus sanguineus sanguineus*
 Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
Hyalomma dromedarii, *Rhipicephalus s. sanguineus*, laboratory tests (immersion technique) with delnav, supona, toxaphene, BHC
 sheep
 goats
 cattle
 all from north-western coastal region of Arab Republic of Egypt

- Rhipicephalus s. sanguineus*
Chaudhri, R. P.; Gill, B. S.; and Khan, M. H., 1975, Ann. Soc. Belge Med. Trop., v. 55 (4) 327-332
Babesia bigemina, transovarial transmission to Indian cattle (exper.) by Boophilus microplus, transmission by nymphs of Hyalomma a. anatolicum but not by larval or adult ticks, other ticks used in study failed to transmit infection
- Rhipicephalus schulzei*
Protopopian, M. G.; et al., 1975, Parazitologia, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of Rhombomys opimus in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Rhipicephalus sculptus* Warburton
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution zebra: Zambia
- Rhipicephalus senegalensis*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Rhipicephalus senegalensis*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Phacochoerus aethiopicus
Syncerus caffer
Ourebia ourebi
Sylvicapra grimmia
Hystrix cristata
Panthera pardus
all from Haute-Volta
- Rhipicephalus simpsoni*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Thryonomys swinderianus: Haute-Volta
- Rhipicephalus simus*
Berggren, S. A., 1978, Vet. Parasitology, v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of Rhipicephalus appendiculatus makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus simus*
Crampton, P. L.; and Gichanga, M. M., 1979, Bull. Entom. Research, v. 69 (3), 427-439
economically important Ixodidae from major cattle-raising areas, survey of resistance to organochlorine and organophosphorus acaricides: Kenya
- Rhipicephalus simus*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Syncerus caffer: Sierra Leone
- Rhipicephalus simus*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
buffalo
warthog
bushpig
zebra
cattle
lion
leopard
side-striped jackal
dog
sheep
all from Zambia
- Rhipicephalus simus*
Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization and dipping
cattle
dogs
humans
all from Kandeya Tribal Trust Land, north-east Rhodesia
- Rhipicephalus simus*
Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Rhipicephalus simus*
Norval, R. A. I., 1979, J. Parasitology, v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Rhipicephalus simus*
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Rhipicephalus simus*
Wysoki, M.; and Bolland, H. R., 1978, Genetica, v. 48 (3), 233-238
Rhipicephalus spp., spermatogenesis, chromosomes, sex determination: East Africa
- Rhipicephalus s. simus*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
cattle
sheep
goats
camels
horses
dog
Phacochoerus aethiopicus
all from Darfur Province, Sudan

- Rhipicephalus sulcatus* Neumann
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
lion
leopard
cattle
all from Zambia
- Rhipicephalus sulcatus*
Mohammed, A. N., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 273-293
ixodid ticks on white Fulani cattle, seasonal incidence: northern Nigeria
- Rhipicephalus sulcatus*
Morel, P. C., 1978, Rev. Elevage et Med. Vet. Pays Trop., n. s., v. 31 (1), 69-78
Ourebia ourebi
Lepus crawshayi
Alcelaphus major
Phacochoerus aethiopicus
Atelerix albiventris
Sylvicapra grimmia
Hippotragus equinus
Canis aureus
Panthera pardus
Erythrocebus patas
Panthera leo
all from Haute-Volta
- Rhipicephalus sulcatus*
Osman, O. M., 1978, Bull. Animal Health and Prod. Africa, v. 26 (4), 329-333
zoogeographical distribution
sheep
dogs
all from Darfur Province, Sudan
- Rhipicephalus supertritus* Neumann
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
zebra: Zambia
- Rhipicephalus theileri*
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Rhipicephalus tricuspis*
Berggren, S. A., 1978, Vet. Parasitol., v. 4 (3), 289-297
cattle tick survey, 15 spp. found, concluded that establishment of *Rhipicephalus appendiculatus* makes situation potentially dangerous with regard to transmission of theileriasis: Malawi
- Rhipicephalus tricuspis*
Kamara, J. A., 1975, Bull. Animal Health and Prod. Africa, v. 23 (3), 265-268
Tragelaphus s. scriptus: Sierra Leone
- Rhipicephalus tricuspis*
MacLeod, J.; and Mwanaumo, B., 1978, Bull. Entom. Research, v. 68 (3), 409-429
ixodid ticks of wild animals and cattle, anomalous infestation patterns in 3 ecologically different areas, seasonal distribution
common duiker
zebra
buffalo
lion
leopard
cattle
sheep
all from Zambia
- Rhipicephalus tricuspis*
Norval, R. A. I., 1977, Rhodesian Vet. J., v. 8 (4), 60-66
ticks mainly of humans and domestic animals, population dynamics in absence of cattle dipping operations, incidence of tick-borne disease, regional distribution related to climate, land utilization, and dipping
cattle
dogs
Sylvicapra grimmia
all from Kandeya Tribal Trust Land, north-east Rhodesia
- Rhipicephalus tricuspis*
Norval, R. A. I., 1978, Rhodesian Vet. J., v. 9 (1-4), 9-16
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia
- Rhipicephalus tricuspis*
Norval, R. A. I., 1979, J. Parasitol., v. 65 (2), 285-287
ixodid ticks, 12 southern African species in which adults commonly parasitize cattle, host availability for immature stages as limiting factor in population growth, importance of host associations of immature stages in determining 'pest status' of individual species
- Rhipicephalus turanicus* Pomerentzev, 1940
Achuthan, H. N.; Balasundharam, S.; and Alwar, V. S., 1976, Indian Vet. J., v. 53 (12), 918-919
Rhipicephalus turanicus, life history: Madras, India
- Rhipicephalus turanicus*, illus.
Battelli, C.; et al., [1978], Riv. Parasitol., Roma, v. 38 (2-3), 1977, 263-267
Rhipicephalus turanicus, R. sanguineus, and R. pusillus, differential characters
Bos taurus
Ovis aries
Oryctolagus cuniculus
all from Arcipelago Siciliano
- Rhipicephalus turanicus* Pom., 1940
Honzakova, E., 1971, Folia Parasitol., v. 18 (4), 357-363
ticks, development under standard laboratory conditions
- Rhipicephalus turanicus*
Kaul, H. N.; Dhanda, V.; and Mishra, A. C., 1979, Indian J. Animal Sc., v. 49 (9), 707-712
Rattus rattus arboreus: Orissa state, India

- Rhipicephalus turanicus*
L'vov, D. K.; et al., 1979, *Voprosy Virus.* (3), 286-289
ixodid and argasid ticks collected from burrows of *Rhombomys opimus*, isolation and description of new arbovirus: Uzbek SSR
- Rhipicephalus turanicus*
Osman, O. M., 1978, *Bull. Animal Health and Prod. Africa*, v. 26 (4), 329-333
zoogeographical distribution
cattle
sheep
goat
horse
dog
all from Darfur Province, Sudan
- Rhipicephalus turanicus* Pomerantzev & Matikashvili
Sharma, B. D.; and Sharma, T., 1976, *Indian J. Animal Sc.*, v. 44 (9), 1974, 709-712
dog: Jammu Province, India
- Rhipicephalus turanicus* B. Pom.
Skliar, V. E., 1970, *Parazitologiya*, Leningrad, v. 4 (6), 524-527
[Apodemus]: southern Donets oblast
- Rhipicephalus turanicus* B. Pom.
Smirnova, S. N.; and Dremova, V. P., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 357-360
Rhipicephalus turanicus, *Hyalomma* spp., sensitivity to various repellents
- Rhodacantha* gen. n.
Domrow, R., 1979, *J. Austral. Entom. Soc.*, v. 18 (2), 115-121
dermanyssid
key to species, includes: *Rhodacantha nelsoni* sp. n. (type sp.); *R. tenax* sp. n.
- Rhodacantha nelsoni* sp. n. (tod)
Domrow, R., 1979, *J. Austral. Entom. Soc.*, v. 18 (2), 115-121
key
Antechinus swainsonii (ear canal): Mt. William, Victoria
- Rhodacantha tenax* sp. n.
Domrow, R., 1979, *J. Austral. Entom. Soc.*, v. 18 (2), 115-121
key
Sminthopsis leucopus (ear canal): Rosebud, Victoria
- Rhodacarus* sp.
Volianskii, Iu. E., 1974, *Parazitologiya*, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Rhodinicola* Levinsen, 1878
Bresciani, J., 1964, *Ophelia*, v. 1 (2), 223-234
Clausiidae
Syn.: *Seridium* Giesbrecht
description
- Rhodinicola elongata* Levinsen, 1878, illus.
Bresciani, J., 1964, *Ophelia*, v. 1 (2), 223-234
redescription
Rhodine gracilior: Øresund off Hellebaek
- Rhodinicola gibbosa* sp. nov., illus.
Bresciani, J., 1964, *Ophelia*, v. 1 (2), 223-234
Praxillella praetermissa: Øresund off Hellebaek
without host: Øresund South of Knahaken
- Rhombiceps* Eichler, 1952
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
as syn. of subgenus *Cirrophthirius*
- Rhynchophthirina suborder
Kim, K. C.; and Ludwig, H. W., 1978, *Ann. Entom. Soc. Am.*, v. 71 (6), 910-922
Psocodea, phylogenetic relationships of five taxa analyzed cladistically, evaluation of character complexes, theoretical aspects of phylogenetic inferences on origin of higher taxa
Mallophaga
key
- Ricinus* Degeer, 1778
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rearing, control, collection, preservation, keys, hosts: Poland
- Ricinus accentor* Wd. Eichler, 1953
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
as syn. of *Ricinus fringillae subpallidus* Blagoveshtchensky, 1951
- Ricinus elongatus intermedius* (Piaget, 1880)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
- Ricinus elongatus merulae* (Durrant, 1906)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
- Ricinus elongatus mystax* (Nitzsch *in* Burmeister, 1838)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
- Ricinus fringillae borin* Balat, 1952
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
- Ricinus fringillae fringillae* Degeer, 1778
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
Syn.: *Liotheum nitidissimum* Nitzsch, 1818
- Ricinus fringillae inexpectatus* Balat, 1966
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
- Ricinus fringillae irascens* (Nitzsch *in* Burmeister, 1838)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
Syn.: *Ricinus uchidai* Fresca, 1924
- Ricinus fringillae japonicus* (Uchida, 1915)
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
- Ricinus fringillae medius* Uchida, 1926
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
Syn.: *Physostomum intermedium* Uchida, 1915
- Ricinus fringillae pfliegeri* Balat, 1952
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
- Ricinus fringillae subpallidus* Blagoveshtchensky, 1951
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
Syn.: *Ricinus accentor* Wd. Eichler, 1953

- Ricinus major* (Fresca)
Cotton, M. J., 1979, Entom. Month. Mag. (1360-1363), v. 113, 1977, 213-217
Plectrophenax nivalis: north-east Greenland
- Ricinus rubeculae phoenicuri* Negru, 1965
Zlotorzyska, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
- Ricinus rubeculae rubeculae* (Schrank, 1776)
Zlotorzyska, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
synonymy
- Ricinus rubeculae similis* (Giebel, 1874) sensu Piaget, 1880
Zlotorzyska, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
- Ricinus uchidai* Fresca, 1924
Zlotorzyska, J., 1972, Klucze Oznac. Owad. Polski (75), Sect. 15, 57 pp.
as syn. of *Ricinus fringillae irascens* (Nitzsch in Burmeister, 1838)
- Riedlinia* (*Riedlinia*) *afghanensis* V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Asellia tridens murraiana: Afghanistan
- Riedlinia assadovi* sp. n., illus.
Muliarskaia, L. V.; and Dubovchenko, T. A., 1970, Parazitologiya, Leningrad, v. 4 (4), 365-370
Rhinolophus mehelyi: Malogo Kavkaza, Nagorno-Karabakhsk autonomous oblast, cave near Azokh Gadrutsk region, Azerbaidzhan SSR
- Riedlinia* (*Trombigastia*) *platypygia* V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Asellia tridens murraiana: Afghanistan
- Rotundiceps* Edwards 1952
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
subgenus of *Luniceps*
- Saccopsidae**
Bresciani, J.; and Leutzen, J., 1975, Ophelia, v. 13 (1-2), 1974-1975, 31-41
[as syn. of] *Melinnacheridae*
- Saccopsis* Levinsen, 1878
Bresciani, J.; and Leutzen, J., 1975, Ophelia, v. 13 (1-2), 1974-1975, 31-41
as syn. of *Melinnacheres* M. Sars, 1870
- Sacculina** *carcini*
Herberts, C., 1978, Compt. Rend. Acad. Sc., Paris, v. 286, s. D, Sc. Nat. (9), 725-728
Sacculina carcini-parasitised *Carcinus mediterraneus*, immunochemical analysis of hemolymph confirms presence of protein fraction not observed in healthy crabs, some infested crabs develop anti-*Sacculina* precipitin reaction
- Sacculina carcini* Thompson
Rubiliani, C.; and Payen, G. G., 1979, Gen. and Comp. Endocrinol., v. 38 (2), 215-228
Sacculina carcini-infected *Carcinus* spp., histology of central nervous system, destruction of neurosecretory areas
C. maenas: Roscoff, Finistere
C. mediterraneus: Sete, Herault
- Sacculina** *granifera*
Bishop, R. K.; and Cannon, L. R. G., 1979, J. Fish Dis., v. 2 (2), 131-144
Sacculina granifera, morbid behavioral changes in infected *Portunus pelagicus*; concluded that parasite secretes hormonal mimic which induces ovigerous behavior which maximizes survival of parasite population
- Sacculina granifera* Boschma, 1973, illus.
Phillips, W. J.; and Cannon, L. R. G., 1978, J. Fish Dis., v. 1 (2), 137-149
Sacculina granifera infections of *Portunus pelagicus*, prevalence, host age and sex, seasonal distribution, influence of parasite upon host: morphological and behavioural modifications, inhibited moulting, male sterility: Moreton Bay, Queensland
- Saemundssonina* Timmermann, 1936
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
- Saemundssonina* Timmermann 1936
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
Cummingsiellinae nom. nov.
Syn.: *Hastaeophorus* v. Keler 1936
includes subgenus: *Puffinoecus* Eichler 1949
- Saemundssonina* [sp.] cf. *weidneri* n. sp.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Chubbia jamesoni: Pichincha, Ekuador
- Saemundssonina aurata*, Balat, 1950
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina clayae* clayae Hopkins, 1949
- Saemundssonina calva*
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alciids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Saemundssonina calva* (Kellogg, 1896)
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on *Alcidae*, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Uria aalge: Witless Bay Sea Bird Sanctuary
U. lomvia: Notre Dame Bay
all from Newfoundland, Canada

- Saemundssonina calva* (Kellogg) 1896
Haarlov, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Uria lomvia: Jan Mayen Island, Norway
- Saemundssonina celidoxa* (Burmeister, 1838)
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Alca torda: Newfoundland, Canada
- Saemundssonina clayae* Hopkins, 1949
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
description
- Saemundssonina clayae* Hopkins, 1951
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina clayae clayae* Hopkins, 1949
- Saemundssonina clayae*, Hopkins & Clay, 1952
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina clayae clayae* Hopkins, 1949
- Saemundssonina clayae* cf. *kratochvili*, illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Lymnocyrtes minima: N. Uist, Hebriden; Nordeuropa; Hamburg, Deutschland
- Saemundssonina clayae clayae* Hopkins, 1949, illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
synonymy, description
Scolopax r. rusticola: Perthshire and Norfolk, England; Mull and Edinburgh, Schottland; Limasoll, Zypern
- Saemundssonina clayae kratochvili* Balat, 1950, illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
description
Syn.: *S. kratochvili* Balat, 1950
Gallinago g. gallinago: Hodonin, CSSR; Slidery, Schottland; N. Uist, Hebriden; Beth Alpha, Israel; Braunschweig, Deutschland
Gallinago gallinago delicata: Dugway Prov. Ground, Tooele Co., Utah, USA; Vancouver, Brit. Kolumbien
- Saemundssonina clayae media* n. ssp., illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Syn.: *Philopterus auratus*, Seguy, 1944
Gallinago media: NE-Polen
- Saemundssonina clayi*, Hopkins, 1949
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina clayae clayae* Hopkins, 1949
- Saemundssonina fraterculae*
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Saemundssonina fraterculae* (Overgaard, 1942)
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on Alcidae, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Fratercula arctica: Witless Bay Sea Bird Sanctuary, Newfoundland, Canada
- Saemundssonina grubei* Eichler, 1942
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)
- Saemundssonina grylle*
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Saemundssonina grylle* (O. Fabricius, 1780)
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Cephus grylle: Newfoundland, Canada
- Saemundssonina kratochvili* Balat, 1950
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina clayae kratochvili* Balat, 1950
- Saemundssonina lari*
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Larus argentatus: Newfoundland, Ontario
- Saemundssonina lari*
Fitzpatrick, C.; and Threlfall, W., 1977, Canad. J. Zool., v. 55 (7), 1205-1209
Larus argentatus (head and neck regions)
Rissa tridactyla (head and neck regions)
all from Gull Island, Witless Bay, Newfoundland, Canada

- Saemundssonina lari* (O. Fabr.) 1780
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Rissa tridactyla (neck): Jan Mayen Island, Norway
- Saemundssonina lari gonothorax*
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Larus marinus: Ontario
- Saemundssonina limosae* (Denny, 1842)
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Philomachus pugnax: London Market; Fair Isle, Schottland
- Saemundssonina merguli*
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
- Saemundssonina merguli* (Denny, 1842)
Eveleigh, E. S.; and Threlfall, W., 1976, Canad. J. Zool., v. 54 (10), 1694-1711
Mallophaga on *Alcidae*, prevalence and intensity, seasonal and annual data, burdens of adult hosts vs. chicks, distribution on host, louse population structure
Plautus alle: Newfoundland, Canada
- Saemundssonina merguli* (Denny) 1842
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Alle alle: Jan Mayen Island, Norway
- Saemundssonina occidentalis* (Kellogg) 1896 (?)
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Fulmarus glacialis: Jan Mayen Island, Norway
- Saemundssonina peusi* (Eichler, 1949), illus.
Martin Mateo, M. P., 1978, Bol. R. Soc. Espan. Hist. Nat., Secc. Biol., v. 75, 1977, 149-159
description
Syn.: *Puffinoecus peusi* Eichler, 1949
Puffinus d. diomedea: Columbrete Grande
- Saemundssonina platygaster islandica* ?
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Crocethia alba: Ontario
- Saemundssonina thompsoni* Timmermann, 1951
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Philomachus pugnax: Tipperary, Irland
- Saemundssonina tringae* ?
Eveleigh, E. S.; and Amano, H., 1977, Canad. J. Zool., v. 55 (11), 1788-1801
Cummingsiella, *Saemundssonina*, and *Austromenopon* spp. from alcids, numerical taxonomic study of male and female specimens, host-parasite relationships
Limnodromus griseus: Ontario
- Saemundssonina tringae* (O. Fabr.) 1780
Haarløv, N., 1977, Norsk Entom. Tidsskr. (Norwegian J. Entom.), v. 24 (1), 37-41
Calidris alpina: Jan Mayen Island, Norway
- Saemundssonina tringae* (O. Fabricius, 1780)
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
description
- Saemundssonina tringae* s. str., Timmermann, 1957
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae tringae* (O. Fabricius, 1780)
- Saemundssonina tringae*, Timmermann, 1957 (part.)
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae lobata* n. sp.
- Saemundssonina tringae*, Timmermann, 1957 (part.)
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)
- Saemundssonina tringae*, Hopkins & Clay, 1952; Clay & Hopkins, 1954
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae tringae* (O. Fabricius, 1780)
- Saemundssonina tringae* aff. *tringae*
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Limnodromus griseus: Georgetown, S. C., USA; Ione Insel, Brit. Columbiën; Chatham, Massachusetts, USA; Kalifornien, USA; Kent Co., Ontario
- Saemundssonina tringae* aff. *variabilis*
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Calidris minuta: Kigezi, Uganda; Bundala Lagoon, Hambantota Dist., Ceylon; Radziqdz, Polen; Secovlje, Jugoslawien; Hauke-Haienkoog, Nordfriesland, Deutschland
- Saemundssonina tringae* aff. *variabilis*
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on *Scolopacinae* and *Eroliinae* classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Ereunetes mauri: Kalifornien, USA; Sewerline, Dugway Valley, Tooele Co., Utah, USA

- Saemundssonina tringae* aff. *variabilis*
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Crocethia alba: N. Uist, Hebriden; Sussex, England; Galveston, Texas, USA; Reykjanes, SW-Island; Mellum, Ostfriesland, Deutschland; Jan Mayen
- Saemundssonina tringae* aff. *variabilis*
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Calidris minutilla: Kalifornien, USA
- Saemundssonina tringae* aff. *variabilis*
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Eurynorhynchus pygmeus: China
- Saemundssonina tringae* aff. *variabilis*
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Calidris ferruginea: Arabien
- Saemundssonina tringae* aff. *variabilis*
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Ereunetes pusillus: Galveston, Texas, USA; Fernandez Fabrik, Trinidad; Port of Spain, Trinidad
- Saemundssonina tringae* aff. *variabilis*
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Calidris temminckii: Rajputana, Indien; Krk, Jugoslawien; Oland, Schweden
- Saemundssonina tringae* aff. *variabilis*
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors; measurements
Calidris ruficollis: Seoul, Korea; Lin-tou, Formosa; Wando, Western District, Papua
- Saemundssonina tringae lobata* n. ssp.
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
 synonymy
Lobipes lobatus: Hamburg, Deutschland; Baer, NW-Island; Usce Neretve, Jugoslawien; Hofn, Hornafj, SE-Island; Ottenby, Schweden; Se-covlje, Jugoslawien; Reykjanes, SW-Island
- Saemundssonina tringae sibiriae* n. ssp., illus.
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Calidris tenuirostris: Mandurah, W. Australien; Konstantinshafen, Neu Guinea; Kangnung, Korea; Pu-ri, Kyonqqi-do, Korea
- Saemundssonina tringae tringae* (O. Fabricius, 1780), illus.
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
 synonymy, description
Calidris maritima: Reykjavik, Island; N. Uist, Hebriden; Reykjanes, Island; Tarbatness, Schottland; Laugarnes, Island; Helgoland, Deutschland
C. ptilocnemis: N. Duneau, Alaska; Amchitka, Aleuten
C. canutus: Golovin, Alaska, USA; Reykjavik, Island
Arenaria interpres: Ollabery, N. Mavine, Shetland Inseln; N. Uist, Hebriden; Laugarnes, SW-Island
- Saemundssonina tringae variabilis* (Denny, 1842)
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
 synonymy, description
Calidris alpina: N. Eastham, Massachusetts, USA; Helgoland, Deutschland; Lincs, England; Kalifornien, USA; N. Uist, Hebriden; Reykjavik, Island; Ljubljana, Jugoslawien; Hornafjordur, Island; Radziqdz, Polen; Anchorage, Alaska; Wardersee, Segeberg, Deutschland
Calidris canutus: Norfolk, England; Reykjanes, Island; Fair Isle, Schottland; Neuseeland
Arenaria interpres: Norfolk, England; Reykjanes, SW-Island
- Saemundssonina variabilis* (*fusiformis*), Eichler, 1950
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 as syn. of *Saemundssonina tringae tringae* (O. Fabricius, 1780)
- Saemundssonina variabilis*, Hopkins, 1947 [et auct.]
 Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus.
 u. Inst., v. 70, 119-163
 as syn. of *Saemundssonina tringae variabilis* (Denny, 1842)

- Saemundssonina variabilis canuti*, Timmermann, 1949 (part.)
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae tringae* (O. Fabricius, 1780)
- Saemundssonina variabilis variabilis*, Timmermann, 1952 (part.)
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
as syn. of *Saemundssonina tringae lobata* n. ssp.
- Saemundssonina weidneri* n. sp.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
- Saemundssonina weidneri* aff. *weidneri* n. sp. n. ssp.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Gallinago mekala: Atchang, China
- Saemundssonina weidneri* aff. *weidneri* n. sp. n. ssp., illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Gallinago nobilis: Sudamerika
- Saemundssonina weidneri camura* n. sp. n. ssp., illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Gallinago nigripennis: Kenia
G. p. paraguaiae: Buenos Aires
G. paraguaiae andina: Peru
- Saemundssonina weidneri paucisetosa* n. sp. n. ssp., illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Gallinago macrodactyla: Madagaskar
- Saemundssonina weidneri solitariae* n. sp. n. ssp., illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Gallinago solitaria: Bir-Basch, Turkestan, UdSSR; Ost-Turkestan, UdSSR; Kangpokpi, Manipur, Assam, Nord-Indien
- Saemundssonina weidneri weidneri* n. sp. n. ssp., illus.
Martens, J. M., 1974, Mitt. Hamburg. Zool. Mus. u. Inst., v. 70, 119-163
taxa of *Saemundssonina* occurring on Scolopacinae and Erolinae classified in 4 polytypic species; host-parasite relationships, distribution patterns, geographical and ecological factors
Gallinago stenura: Ceylon
- Salmincola californiensis* (Dana 1852)
Buttner, J. K.; and Heidinger, R. C., 1979, J. Parasitol., v. 65 (2), 320
Salmo gairdneri (right and left inner opercular gill cover, tongue at base of 3rd left gill bar, distally on dorsal filament of 3rd right gill bar): culture pond in Jackson County, Illinois
- Salmincola californiensis*, illus.
Nishimura, T.; and Hoshina, T., 1977, J. Tokyo Univ. Fish., v. 63 (2), 67-70
Salvelinus leucomaenis pluvius: hatchery at Koakazawa, Nagano Pref.
- Salmincola cottidarum* Messjatzeff, 1926, illus.
Kabata, Z. P.; and Koriakov, E. A., 1974, Parazitologia, Leningrad, v. 8 (4), 306-311
Salmincola cottidarum, morphological variability
- Salmincola edwardsii* (Olsson, 1869)
Arthur, J. R.; Margolis, L.; and Arai, H. P., 1976, J. Fish. Research Bd. Canada, v. 33 (11), 2489-2499
Salvelinus namaycush (fins, gills, external body surface): Aishihik Lake, Yukon Territory
- Salmincola edwardsii* (Olsson, 1869)
Beverley-Burton, M., 1978, Canad. J. Zool., v. 56 (2), 365-368
Salvelinus alpinus (underside of operculum): Char Lake, Cornwallis Island, N.W.T., Canada
- Salmincola edwardsii* (Olsson, 1869)
Curtis, M. A., 1979, Naturaliste Canad., v. 106 (2), 337-338
Salvelinus alpinus (jaw, oral cavity, gill opercula): southern Baffin Island
- Salmincola edwardsii*
Kennedy, C. R., 1978, J. Fish Biol., v. 13 (4), 457-466
parasite fauna of *Salvelinus alpinus*, comparison of species composition, number, diversity, and equitability in lakes on Norwegian mainland and its offshore Arctic islands, results do not agree well with predictions of island biogeographical theory
Salvelinus alpinus: Diesetvassdraget lake, Spitsbergen; Stevatn, Oyangen, and Ellasjoen lakes, Bjornoya; Skogsfjordvann lake, Ringvassoy, Troms, Norway; Raisjavre lake, Troms, Norway
- Salmincola edwardsii*
Makhovenko, E. T., 1972, Parazitologia, Leningrad, v. 6 (4), 369-375
Salvelinus alpinus inhabiting different ecological niches, possible use of differences in parasite fauna between groups as biological tags: Lake Azabach'e, Kamchatka
- Salmincola extensus* (Kessler, 1868)
Arthur, J. R.; Margolis, L.; and Arai, H. P., 1976, J. Fish. Research Bd. Canada, v. 33 (11), 2489-2499
Coregonus clupeaformis (pelvic and pectoral fins): Aishihik Lake, Yukon Territory

- Salmincola salmonea*
Grozdilova, T. A., 1974, Parazitologiya, Leningrad, v. 8 (4), 293-298
Oncorhynchus gorbusha: White Sea; Umba [and/or] Keret rivers
- Salmincola thymalli* (Kessler, 1868)
Arthur, J. R.; Margolis, L.; and Arai, H. P., 1976, J. Fish. Research Bd. Canada, v. 33 (11), 2489-2499
Thymallus arcticus (gills): Aishihik Lake, Yukon Territory
- Salmincola thymalli baicalensis* Messjatzeff, 1926
Hanek, J.; and Dulmaa, A., 1970, Folia Parasitologica, v. 17 (1), 77-80
Thymallus arcticus (gills): Mongolia
- Sambonia*
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
key
- Sambonia lohrmanni* (Sambon, 1910), illus.
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
Japan
- Sancassania* sp.
Wilson, G. I.; and Meleney, W. P., 1978, J. Parasitol., v. 64 (3), 570-571
Sancassania sp., a non-parasitic mite, superimposed upon scabs of *Psoroptes ovis* on Hereford heifer: New Mexico
- Saprolaelaps* sp.
Volianskii, Iu. E., 1974, Parazitologiya, Leningrad, v. 8 (1), 12-14
gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Sarcophaga* species
Herndon, J. H., jr.; and Glicksman, J. M., 1974, Texas Med., v. 70, 90-92
Sarcophaga sp. larva, 66-year-old farmer, myiasis as complication of stasis dermatitis of lower legs, case report
- Sarcophaga* sp.
Murray, M. D., 1978, Austral. Vet. J., v. 54 (5), 262 [Letter]
fly species reared from struck sheep: Western Australia
- Sarcophaga melanura*
Nielsen, S. A.; Nielsen, B. O.; and Walhovd, H., 1978, Entom. Medd., København, v. 46 (2), 92-94
blowfly myiasis, hedgehogs
Erinaceus europaeus: Denmark
- Sarcoptes*
Graham, O. H.; and Hourrigan, J. L., 1977, J. Med. Entomol., v. 13 (6), 629-658
arthropod parasites of livestock, eradication programs, review
- Sarcoptes*
Liebisch, A.; and Petrich, J., 1977, Deutsche Tierarztl. Wchnschr., v. 84 (11), 424-427
scabies, cattle, present incidence, methods for diagnosis and control described: North Germany
- [*Sarcoptes*] sarkoptoz
Strinadkin, P. S., 1978, Veterinariia, Moskva (10), 64-66
Sarcoptiformes, domestic animals, treatment: western Siberia
- Sarcoptes bovis*
Liebisch, A.; et al., 1978, Vet.-Med. Nachr. (1), 63-76
mange, cattle, asuntol
- Sarcoptes bovis*
Liebisch, A.; et al., 1978, Vet. Med. Rev. (1), 63-76
Chorioptes bovis, *Sarcoptes bovis*, *Psoroptes ovis*, cattle, spray treatment with asuntol effectively controlled mange: Germany
- Sarcoptes laevis* Railliet, 1885
Dodd, K., 1973, Acarologia, v. 14 (4), 675-680
as syn. of *Mesoknemidokoptes laevis* (Railliet) comb. nov.
- Sarcoptes scabiei*, illus.
Barthe Aza, A.; and Martin Alvarez, R., 1976, Rev. San. e Hig. Pub., v. 50 (9-10), 929-940
Sarcoptes scabiei, epidemiologic survey of scabies outbreak (1971-1975), clinical aspects, man to man transmission, control measures: Asturias
- S[arcoptes] *scabiei*
Belda, W., 1975, Rev. Brasil. Clin. e Terap., v. 4 (8), 309-312
human scabies, increasing incidence, successful management with monosulfiram: Brazil
- Sarcoptes scabiei*, illus.
Belle, E. A.; et al., 1979, Canad. J. Pub. Health, v. 70 (2), 133-135
Sarcoptes scabiei, outbreak among hospital patients and staff, gamma benzene hexachloride; *Demodex folliculorum* also found: Hamilton, Ontario, probably imported from USA
- Sarcoptes scabiei*
Bouree, P., 1977, Rev. de Med., Paris, v. 18 (10), 496-504
parasites of the human uro-genital tract, suggested therapeutic measures, review of drugs currently in use
- Sarcoptes scabiei*
Burns, B. R.; Lampe, R. M.; and Hansen, G. H., 1979, Am. J. Dis. Child., v. 133 (10), 1031-1034
neonatal *Sarcoptes scabiei*, 5 case reports, distinctive clinical pattern, crotamiton treatment: William Beaumont Army Medical Center, El Paso, Texas
- Sarcoptes scabiei* (Linne), illus.
Dale, W. E.; and Venero, J. L., 1977, Rev. Peruana Entom., v. 20 (1), 93-99
Vicugna vicugna (pieles): Pampa Galeras, Ayacucho, Peru
- Sarcoptes scabiei*
Datt, S. C.; Tika Ram, S. M.; and Satija, K. C., 1978, Haryana Vet., v. 17 (2), 112-115
mange, livestock, seasonal incidence: Hissar, Haryana

- Sarcoptes scabiei*, *illus.*
Fernandez, R., T.; and de Fernandez, C. C., 1977, *Rev. Ecuator. Hig. y Med. Trop.*, v. 30 (1), 47-56
Sarcoptes scabiei, humans, clinical case reports, localization of lesions, morphologic descriptions of females, eggs, and larvae
- Sarcoptes scabiei*
Hazelrigg, D. E.; and Jarratt, M., 1975, *South. Med. J.*, v. 68 (5), 549-551
scabies, 3 1/2-month-old child with persistent generalized eruption, mineral oil scrapings from skin revealed mites, clinical review of diagnostic and therapeutic techniques: Texas
- Sarcoptes scabiei*
Hersch, C., 1967, *South African Med. J.*, v. 41 (2), 29-34
scabies associated with acute glomerulonephritis, paediatric patients, incidence and predisposing factors, clinical and biological features, recommendations for management: Livingston Hospital, Port Elizabeth
- Sarcoptes scabiei* (De Geer)
Ivey, M. C.; and Palmer, J. S., 1979, *J. Econ. Entom.*, v. 72 (6), 837-838
chlorpyrifos and its metabolite 3,5,6-trichloro-2-pyridinol, residues in swine after pour-on application for control of *Haematopinus suis* and *Sarcoptes scabiei*
- Sarcoptes scabiei*
Kamyszek, F., 1977, *Med. Wet.*, v. 33 (6), 354-356
Sarcoptes scabiei, pigs, alugan, neguvon
- Sarcoptes scabiei*, *illus.*
Lazo, R. F., 1977, *Rev. Ecuator. Hig. y Med. Trop.*, v. 30 (3), 257-259
mujer (cuero cabelludo en la region temporal izquierda): Ecuador
- Sarcoptes scabiei*
Monaco, D.; and Lima, E., jr., 1975, *Rev. Brasil. Med.*, v. 32 (10), 687-690
Sarcoptes scabiei, humans, clinical trials with monosulfiram, good results, few side effects: Estado de Sao Paulo, Brasil
- Sarcoptes scabiei*, *illus.*
Orkin, M.; and Maibach, H. I., 1979, *Postgrad. Med.*, v. 66 (1), 52, 54-56, 59-62, 65
scabies, human, classic and special forms, clinical features, differential diagnosis, epidemiology, immunology, treatment, review: United States
- Sarcoptes scabiei*
Rijksen, H. D., 1978, *Mededel. Landbouwhogeschool, Wageningen*, v. 78 (2), 420 pp.
Pongo pygmaeus abelii: Ketambe area, Sumatra
- Sarcoptes scabiei*
Robinson, D. D., 1976, *Rev. Brasil. Med.*, v. 33 (5), 167-169
human scabies and pediculosis, clinical trials using monosulfiram to treat a rural population
- Sarcoptes scabiei*
Sabiiti, C. K.; Wescott, R. B.; and Brobst, D. F., 1979, *J. Am. Vet. Med. Ass.*, v. 175 (8), 818-819
Sarcoptes scabiei, prevalence in swine: abattoirs in Spokane, Wash. and Moscow, Idaho
- Sarcoptes scabiei*
Schenone, H.; et al., 1971, *Rev. Chilena Pediat.*, v. 42 (8), 561-566
human scabies, incidence survey showed children under 15 to be most heavily infested, apparent spread through overcrowding of sleeping facilities of families, lindane therapy recommended as drug of choice: Santiago, Chile
- Sarcoptes scabiei*
Schulze, P., 1978, *Ang. Parasitol.*, v. 19 (2), 73-76
microorganisms, mites, and lice, reactions of human skin, brief review
- Sarcoptes scabiei*, *illus.*
Scott, F. P.; and Lups, J. G. H., 1970, *South African Med. J.*, v. 44 (3), 66-69
scabies, humans, history from biblical times; case report of scabies *norvegica* infection in debilitated person
- Sarcoptes scabiei*
Vihan, V. S.; Sinha, N. K.; and Sahni, K. L., 1979, *Indian Vet. Med. J.*, v. 3 (3), 197-198
Sarcoptes scabiei, sheep, tetmosol and benzene hexachloride
- Sarcoptes scabiei*, *illus.*
Whiting, D. A., 1976, *Proc. Electron Microsc. Soc. South. Africa*, v. 6, 49-50
Sarcoptes scabiei, human (finger-web), description, scanning electron microscopy
- Sarcoptes scabiei*
Young, E.; Zumpt, F.; and Whyte, I. J., 1972, *J. South African Vet. Ass.*, v. 43 (2), 226
Sarcoptes scabiei in *Panthera leo*, skin lesions, successful treatment with BHC and/or malathion-containing preparations: Kruger National Park
- Sarcoptes scabiei* var. *cameli*
Selim, M. K.; et al., 1970, *Vet. Med. J.*, Giza, v. 17 (18), 173-193
camels: imported to United Arab Republic
- Sarcoptes scabei* var. *canis*
Agbede, R. I. S., 1978, *Vet. Rec.*, v. 103 (7), 145 [Letter]
puppy
woman
all from Northern Nigeria
- Sarcoptes scabiei* var. *canis*
Doval, C. P.; and Gupta, I., 1978, *Indian Vet. J.*, v. 55 (11), 890-892
mange and lice in sheep, mange and ticks in dogs, efficacy of cythioate, safe, convenient and acceptable
- Sarcoptes scabiei* var. *canis*, *illus.*
Elgart, M. L.; and Higdon, R. S., 1972, *South. Med. J.*, v. 65 (3), 375-376
canine scabies, family outbreak, infection acquired from pet dog, clinical aspects
- Sarcoptes scabiei* var. *canis*
Kieffer, M.; Kristensen, S.; and Hallas, T. E., 1979, *Ugeskr. Laeger*, v. 141 (49), 3363-3367
ectoparasites of dogs and cats, cause of pruritic lesions in human owners, diagnosis, clinical findings, case reports, control measures: Denmark

- Sarcoptes scabiei* var. *canis*
Knapp, F. W., 1978, Vet. Med. and Small Animal Clin., v. 73 (9), 1161-1163
Sarcoptes scabiei var. *canis*, dogs, paramite, good results
- Sarcoptes scabiei* var. *hominis*, *illus.*
Burstein, Z., 1972, Rev. Peruana Med. Trop., v. 1 (1), 58-61
human scabies, clinical review, diagnosis, treatment
- Sarcoptes scabiei* var. *hominis*, *illus.*
Carvajal, L.; et al., 1977, Rev. Ecuator. Hig. y Med. Trop., v. 30 (3), 277-283
Sarcoptes scabiei var. *hominis*, humans, clinical report of severe outbreak in a tropical area: Ecuador
- Sarcoptes scabiei* var. *hominis*
Daniel, F., 1974, Rev. Prat., Paris, v. 24 (51), 4515-4516, 4519
human scabies, clinical management, acaricides currently in use
- Sarcoptes scabiei* var. *hominis*, *illus.*
Koehn, G. G., 1975, Rocky Mountain Med. J., v. 72 (12), 526-528
human scabies, clinical characteristics, current trends in management, case report, need for diagnostic awareness
- Sarcoptes scabiei* var. *hominis*, *illus.*
Mellanby, K., 1977, Roy. Soc. Health J., v. 97 (1), 32-36, 40
Sarcoptes scabiei var. *hominis*, human, clinical review, transmission studies with infected persons and normal volunteers, current status in Britain
- Sarcoptes scabiei* var. *hominis*
Morley, W. N., 1977, Scottish Med. J., v. 22 (3), 211-216
pediculosis, scabies, Phthirus, humans, incidence, differential diagnosis, clinical features, treatment, review
- Sarcoptes scabiei*, var. *hominis*
Richard, C., 1975, Rev. Med. Picardie, v. 3 (3), 59-62
Sarcoptes scabiei *hominis*, human, clinical forms, differential diagnosis, therapy
- Sarcoptes scabiei* var. *ovis*
Atef, M.; and El-Say, A., 1976, J. Egypt. Vet. Med. Ass., v. 35 (3), 73-84
sheep: north-western coastal region of Arab Republic of Egypt
- Sarcoptes scabiei* var. *ovis*
Chineme, C. N.; Bida, S. A.; and Nuru, S., 1979, Bull. Animal Health and Prod. Africa, v. 27 (1), 41-45
Sarcoptes scabiei var. *ovis*, sheep, severe infestation, clinical and histopathology, Pfizon dipping: Kaduna State, Nigeria
- Sarcoptes scabiei* var. *ovis*
Doval, C. P.; and Gupta, I., 1978, Indian Vet. J., v. 55 (11), 890-892
mange and lice in sheep, mange and ticks in dogs, efficacy of cythioate, safe, convenient and acceptable
- Sarcoptes scabiei* var. *suis*
Cargill, C. F.; and Dobson, K. J., 1979, Vet. Rec., v. 104 (1), 11-14
Sarcoptes scabiei var. *suis*, pigs (exper.), clinical signs and pathological changes associated with sarcoptes hypersensitivity
- Sarcoptes scabiei* var. *suis*
Cargill, C. F.; and Dobson, K. J., 1979, Vet. Rec., v. 104 (2), 33-36
Sarcoptes scabiei var. *suis*, growing pigs housed and fed under optimal and sub-optimal conditions of management, effect of experimental infections on growth rates and feed conversion efficiencies, concluded that loss of productivity is closely related to intensity of hypersensitivity reaction
- Sarcoptes suis*
Slin'ko, V. G., 1979, Veterinariia, Moskva (5), 44-46
Sarcoptes suis, pigs, association with necrosis of ear helix, possible secondary bacterial infection; treatment with chlorophos or TAP
- Sarcoptiform hypopi*
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Sarcoptiformes*
Hallas, T. E., 1978, Entom. Medd., København, v. 46 (1), 27-45
check list of Danish Acari
- Sarcoptiformes* sp.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Sarcoptiformes* sp.
Haitlinger, R., 1977, Polskie Pismo Entom., v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Sarcotaces* sp., *illus.*
Moser, M., 1977, Canad. J. Zool., v. 55 (1), 258-260
Physiculus rastrelliger (head): off El Salvador
- Sarsilenium crassirostris* Leigh-Sharpe, 1926
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
as syn. of *Herpyllobius arcticus* Steenstrup & Luetken, 1861
- Sasatrombicula* (*Sasatrombicula*) *hexasternalae* V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Rhinolophus blasii blasii
R. hipposideros midas
all from Afghanistan
- Sasatrombicula* (*Traubielia*) *multisternalae* (Vercammen-Grandjean)
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Syn.: *Eltonella* (*Chiroptella*) *multisternalae* Vercammen-Grandjean, 1963
Rhinopoma hardwickei: Afghanistan

Sasatrombicula (Rudnickula) rhinopoma (V.-G., 1963)

Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76

Rhinopoma microphyllum microphyllum: Afghanistan

Scabies

Akhoundzadeh, H., 1977, *Rev. Internat. Serv. Sante Armees*, v. 50 (11), 825-828

human scabies, general clinical review, diagnosis, therapy, special emphasis on details specific to the military environment

Scabies

Alexander, A. M., 1978, *Arch. Dermat.*, Chicago, v. 114 (4), 627 [Letter]

scabies, dermatology records support observation that, under similar environmental circumstances, whites appear to be more susceptible to infestation than blacks

Scabies

Amblard, P.; Martel, J.; and Reymond, J. L., 1975, *Rev. Med. Alpes Franc.*, v. 4 (4), 25

scabies, boy, recurring nodules after treatment, clinical observations

Scabies

Azulay, R. D.; et al., 1975, *Rev. Brasil. Med.*, v. 32 (12), 800-802

scabies, human, clinical trials, efficacy of thiabendazole vs. benzyl benzoate as topical lotions

Scabies

Barkin, R. M.; et al., 1975, *Rocky Mountain Med. J.*, v. 72 (8), 340-344

medical screening of recently adopted Vietnamese orphans, scabies, Entamoeba histolytica, Giardia lamblia, and Pneumocystis carinii among medical problems encountered: Denver area, Colorado

Scabies

Beylot, C.; Bioulac, P.; and Doutre, M. S., 1977, *Rev. Prat.*, Paris, v. 27 (49), 3291-3303

scabies in newborn and young infants, brief discussion of clinical management

Scabies

Bruce-Chwatt, L. J., 1978, *Tr. Roy. Soc. Trop. Med. and Hyg.*, v. 72 (2), 211-212 [Letter]

origins of medical entomology with reference to history of human scabies

Scabies

Buck, A. A.; Anderson, R. I.; and MacRae, A. A., 1978, *Tropenmed. u. Parasitol.*, v. 29 (3), 253-268

polyparasitism, humans, epidemiology, assessment of combined effects of multiple infections on an individual's state of health, comparative analysis of field data obtained from several tropical villages

Scabies

Charmes, J. P.; et al., 1978, *Lancet*, London (8062), v. 1, 499 [Letter]

scabies with secondary infection giving rise to acute glomerulonephritis, man, case report, need for diagnostic awareness especially if bacteria have invaded the skin: France

Scabies

Christophersen, J., 1978, *Arch. Dermat.*, Chicago, v. 114 (5), 747-750

human scabies, epidemiology, 1900-1975: Denmark

Scabies

Church, R. E.; and Knowelden, J., 1978, *Brit. Med. J.* (6115), v. 1, 761-763

human scabies, epidemiology of suspected cases referred to local hospital, main sources of infestation were family and friends, suggested prophylactic measures to halt further spread: Sheffield, England

Scabies

Knudsen, E. A.; and Pedersen, T. G., 1979, *Ugeskr. Laeger*, v. 141 (43), 2965-2966

scabies, humans, therapeutic trials of hexicide vs. dioxanthogen: Denmark

Scabies

Lalevic-Vasic, B.; Majcan, D.; and Sofronic, A., 1973, *Srpski Arhiv Tselok. Lekar.*, v. 102 (2), 129-136

scabies, children aged 1-14, classical and atypical clinical aspects, medical management

Scabies

Majcan, D.; Sofronic, A.; and Lalevic-Vasic, B., 1973, *Srpski Arhiv Tselok. Lekar.*, v. 101 (11-12), 865-873

scabies, children attending dermatology clinic, incidence survey, epidemiology

Scabies

Najar, H. C. F., 1978, *Rev. Brasil. Med.*, v. 35 (3), 205-207

human scabies resulting in severe pruritis, clinical trials of milian ointment alone and combined with tetracosactide; combined therapy more successful with total eradication in 5 days

Scabies

Orkin, M.; and Maibach, H. I., 1978, *N. England J. Med.*, v. 298 (9), 496-498

human scabies, increasing incidence, differential diagnosis, recommendations for therapy, review

Scabies

Palicka, P., 1979, *Ceskoslov. Epidemiol., Mikrobiol., Imunol.*, v. 28 (1), 29-37

scabies, human, epidemiological analysis of 9312 cases from 1961-1977, incidence, host age and sex, seasonal character, familial incidence, gypsy population as reservoir: Karvina district

Scabies

Palicka, P., 1979, *Ceskoslov. Epidemiol., Mikrobiol., Imunol.*, v. 28 (2), 108-115

scabies, human, epidemiological surveys in familial foci

Scabies

Potekaev, N. S.; Ivanov, O. L.; and Sergeev, Iu. V., 1979, *Vestnik Dermat. i Venerol.* (7), 36-40

scabies, humans, case reports, postscabies lymphoproliferative disorders, clinical aspects

Scabies

Scabies and Pediculosis, edited by Orkin, M.; et al., 1977, 203 pp., illus.

collection of articles on many aspects of these infestations

Scabies

Smoot, W. H., 1979, *Current Therapy (Conn)*, 657-658

scabies, human, treatment, review

- Scabies**
 Van Arman, G. G.; and Campbell, W. C., 1975, Texas Rep. Biol. and Med., v. 33 (2), 303-311 anti-inflammatory activity of thiabendazole assayed in laboratory animals, these same properties may contribute to clinical response after thiabendazole treatment of various human parasitic infections
- Scabies**
 Weigt, U., 1977, Prakt. Tierarzt, v. 58, special no., 95-99 parasitic and other diseases of bovine teats and udders, suggested treatment, review
- Scabies**
 Zukowski, K., 1976, Przegł. Epidemiol., v. 30 (2), 225-233 human scabies, statistics of epidemiologic survey of incidence 1966-1970 in Poland
- Scalopacarus obesus**
 Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430 *Vulpes vulpes*: Indiana
- Schistobrachia ramosus** (Kroyer, 1864)
 Threlfall, W., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 805-811 *Raja radiata*: Newfoundland
- Schizocarpus numerosus** H. Dub., illus.
 Dubinina, E. V., 1971, Parazitologiya, Leningrad, v. 5 (6), 488-494 *Listrophorus validus*, *Schizocarpus numerosus* developmental cycle, morphogenesis
- Schizophthirus Ferris, 1922**
 Wegner, Z., 1972, Klucze Oznac. Owad. Polski (73), Sect. 16, 90 pp. Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Schizophthirus gliris** Blagoveshchensky, 1965
 Cais, L.; and Mitev, D., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (9), 621-623 *Glis glis*: Southern Bulgaria
- Schizophthirus pleurophaeus** (Burmeister, 1839)
 Cais, L.; and Mitev, D., 1978, Bull. Acad. Polon. Sc., Cl. II, s. Sc. Biol., v. 26 (9), 621-623 *Dyromys nitedula*, *Muscardinus avellanarius* all from Southern Bulgaria
- Schizophthirus pleurophaeus** (Burmeister, 1839)
 Zapatero Ramos, L. M.; Guillen Llera, J. L.; and Rivas Lopez, L. I., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 367-384 *Eliomys quercinus*: El Pardo, Madrid; El Rasillo, Logrono; and Villanueva de los Escuderos, Cuenca, Espana
- Schoengastia brennani**
 Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353 chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body) *Rattus niobe* (ear, perianal, tail base): Papua New Guinea
- Schoengastia diannae**
 Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353 chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body) *Anisomys imitator* (axillae, perianal) *Rattus niobe* (dorsal body, perianal, tail base, scrotum) *Antechinus wilhelmina* (perianal) *Phascolosorex dorsalis* (perianal) *Peroryctes longicauda* (perianal) *Rattus ruber* (perianal) *Antechinus* sp. *A. naso* *Melomys* sp. all from Papua New Guinea
- Schoengastia (Schoengastia) haddowi** Radford, 1953
 Taufflieb, R.; Mouchet, J.; and Courtois, D., 1972, Acarologia, v. 14 (1), 59-65 *Procavia* sp.: Tadjoura, dans le Territoire Francais des Afars et des Issas
- Schoengastia (Schoengastia) huberti** n. sp., illus.
 Taufflieb, R., 1972, Acarologia, v. 14 (2), 190-197 *Erythrocebus patas*: Bandafassi *Cercopithecus aethiops sabaeus*: Plateau d'Etiess and Kedougou (paupieres of all): all from Region du Senegal Oriental, Senegal
- Schoengastia taylori**
 Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353 chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body) *Rattus* sp. (ear tragus, perianal): Papua New Guinea
- Schoengastia vandersandei**
 Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353 chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body) *Rattus* sp. (axillae, ear, perianal): Papua New Guinea
- Schoengastia whartoni**
 Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353 chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body) *Rattus* sp. (ear, perianal): Papua New Guinea
- Schoutedenichia** sp. nov.
 Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324 *Rattus rattus* *R. norvegicus* *Suncus murinus* *Mus musculus* all from Maharashtra State, India
- Schoutedenichia angusta** Schlug., 1955
 Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545 Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan

- Schoutedenichia taurica Schlug., 1967
Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Schoutedenichia unicolor Schlug., 1968
Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Schoutedenocoptes gutterae Fain, 1965, illus.
Fain, A., 1977, Rev. Zool. Africaine, v. 91 (1), 83-116
- Schoutedenocoptes lophocerotis Fain, 1964, illus.
Fain, A., 1977, Rev. Zool. Africaine, v. 91 (1), 83-116
- Scolopaceps Eichler & Zlotorzyska, 1964
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
as syn. of subgenus Cummingsiella Ewing 1930
- Screwworm. [See also Cochliomyia]
- Screwworm
Screwworm Problem, Evolution Resistance Biol. Control, 1978, 151 pp., illus.
screwworm, biological control, collection of symposium papers
- Sebekia oxycephala
Riley, D. M., 1978, Tr. Am. Fish. Soc., v. 107 (1), 207-212
Micropterus salmoides
Ictalurus nebulosus
Erismyzon sucetta
Notemigonon crysoleucas
Ctenopharyngodon idella
all from Florida
- Selenonycha new genus
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: Selenonycha baltoda n. sp.
- Selenonycha baltoda new species (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Charadrius w. wilsonia: Cameron Parish, Louisiana
- Seridium Giesbrecht
Bresciani, J., 1964, Ophelia, v. 1 (2), 223-234
as syn. of Rhodinicola Levinsen, 1878
- Serpentisaccus gen. n.
Blasiola, G. C., jr., 1979, J. Parasitol., v. 65 (4), 662-665
Caligoida; Lernaecoceridae
tod: S. magnifica sp. n.
- Serpentisaccus magnifica gen. et sp. n. (tod), illus.
Blasiola, G. C., jr., 1979, J. Parasitol., v. 65 (4), 662-665
Syn.: Impexus sp. Blasiola, 1976
Nemateleotris magnifica (integument, behind opercula): Cebu, Philippines
- Shunsennia ochotona
Whitaker, J. O., jr., 1979, Am. Midland Naturalist, v. 101 (1), 49-60
ectoparasites of Zapus spp., evolutionary and zoogeographical relationships: western North America
Zapus trinotatus: British Columbia
- Sigecheres gen. nov.
Bresciani, J., 1964, Ophelia, v. 1 (2), 295-301
"closely related to the family Clausiidae"
mt: S. brittae sp. nov.
- Sigecheres brittae sp. nov. (mt), illus.
Bresciani, J., 1964, Ophelia, v. 1 (2), 295-301
Sige fusigera: off Knahaken and Odinshøj, Øresund
- Sigmactenus
Goncharov, A. I., 1971, Parazitologiya, Leningrad, v. 5 (4), 369-373
Leptopsyllidae
- ?Silenium [sp.] Claus, 1875
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
as syn. of Herpyllobius polynoos (Krøyer, 1863)
- Silenium crassirostris Sars, 1870
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
as syn. of Herpyllobius arcticus Steenstrup & Luetken, 1861
- Sylenium crassirostris Moebius, 1874
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
as syn. of Herpyllobius polynoos (Krøyer, 1863)
- Silenium polynoos Krøyer, 1863, p. 403, pl. 18, figs. 6 a-b c
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
as syn. of Herpyllobius polynoos (Krøyer, 1863)
- Silenium polynoos Krøyer, 1863, p. 403, pl. 18, fig. 6d
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
as syn. of Herpyllobius arcticus Steenstrup & Luetken, 1861
- Silenium polynoos [of] Sars, 1870
Luetzen, J., 1964, Ophelia, v. 1 (2), 241-274
as syn. of Herpyllobius polynoos (Krøyer, 1863)
- Sinergasilus lieni Yin, 1949, illus.
Mirzoeva, L. M., 1972, Parazitologiya, Leningrad, v. 6 (3), 252-258
Sinergasilus lieni, life cycle and biology: description of developmental stages, rate of development, duration of life, numbers of generations, incidence and intensity on fish hosts, effect of temperature and hydrochemical conditions: Moskovsk oblast; Krasnodarsk kraia
- Sinergasilus major
Astakhova, T. V.; and Stepanova, G. A., 1972, Parazitologiya, Leningrad, v. 6 (4), 364-368
Ctenopharyngodon idella (gills): pond and spawning-nursery fisheries, Volga delta
- Sinergasilus major
Sverba, V. A.; and Shemchuk, V. R., 1978, Veterinariia, Moskva (10), 69-71
Sinergasilus major, white amur, copper sulfate and ferrous sulfate mixture, chlorophos, carbophos, formula for estimating concentrations in relation to temperature and other factors in aquaria or ponds

- Sinergasilus polycolpus* Yin
Wu, P. H.; et al., 1975, *Tung Wu Hsueh Pao*
(*Acta Zool. Sinica*), v. 21 (2), 190-198
parasites of fishes: China
- Siphonaptera**
Barrera, A., [1971], *An. Inst. Biol., Univ. Nac. Mexico*, v. 39 (1), s. Zool., 1968, 35-99
Siphonaptera, altitudinal distributions of fleas and hosts do not coincide, this lack explained by climatic factors influencing habitats of flea larvae and different levels of host specificity of adult fleas, four different strata or floors of faunistic composition identified: Popocatepetl Volcano and Trans-Volcanic Belt
- Siphonaptera**
Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
key to families, Afghanistan
- Siphunculata** Latreille, 1825
Lakshminarayana, K. V., 1976, *Ang. Parasitol.*, v. 17 (3), 160-167
Siphunculophthirina Lakshminarayana, nom. nov. pro *Siphunculata* Latreille, 1825 (or *Anoplura* Leach, 1815)
- Siphunculophthirina* Lakshminarayana, nom. nov. pro *Siphunculata* Latreille, 1825 (or *Anoplura* Leach, 1815)
Lakshminarayana, K. V., 1976, *Ang. Parasitol.*, v. 17 (3), 160-167
- Solenodes** Keler, 1939
Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Gonioidoidea and *Trichodectoidea*, keys to sub-families, genera, and species, systematics, hosts: Poland
- Solenopotes** Enderlein, 1904
Wegner, Z., 1972, *Klucze Oznac. Owad. Polski* (73), Sect. 16, 90 pp.
Anoplura, morphology, classification, epidemiology, collection, preservation, keys, hosts: Poland
- Solenopotes burmeisteri** (Fahrenholtz, 1919)
Kadulski, S., 1975, *Acta Parasitol. Polon.*, v. 23 (41-51), 493-535
- Solenopotes sinensis** sp. n., illus.
Chin, T. H., 1977, *Acta Entom. Sinica*, [Transl.], v. 16 (2), 171-174
Muntiacus reevesi: Kweiyang, China
- Speleochir** Fain, 1966
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
Speleognathinae; key
- Speleocola**
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
- Speleocola secunda* Brennan & Jones, 1960
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
key
Tonatia silvicola?
Desmodus rotundus
Carollia perspicillata
Molossus ater
Saccolpteryx bilineata
Tonatia sp.
Noctilio labialis
all from Surinam
- Speleognathinae** Womersley 1936
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
key to genera associated with mammals
- Speleognathopsis michigensis** Ford 1962
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
as syn. of *Speleorodens michigensis* (Ford, 1962) new comb.
- Speleognathus** Womersley, 1936
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
Speleognathinae; key
- Speleognathus womersleyi** Fain, 1955
Kaneko, K.; Matsudaira, Y.; and Masahito, (Prince), 1978, *Eisei Dobutsu (Japan. J. San. Zool.)*, v. 29 (2), 147-154
as syn. of *Trispeleognathus womersleyi* (Fain)
- Speleomyotis** Fain, 1962
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
Speleognathinae; key
- Speleomys** Fain, 1970
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
Speleognathinae; key
- Speleorodens** Fain, 1962
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
Speleognathinae; key
- Speleorodens clethrionomys** Fain 1970
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
as syn. of *Speleorodens michigensis* (Ford, 1962) new comb.
- Speleorodens michigensis** (Ford, 1962) new comb., illus.
O'Connor, B. M., 1978, *J. N. York Entom. Soc.*, v. 86 (2), 123-129
redescription
Syns.: *Speleognathopsis michigensis* Ford 1962; *Paraspeleognathopsis* (*Speleorodens*) *clethrionomys* Fain and Lukoschus 1968; *Speleorodens clethrionomys* Fain, 1970; *Paraspeleognathopsis michigensis* Domrow 1975
Clethrionomys gapperi: Arnot Forest, Schuyler County, New York, USA
- Sphyrion lumpi** (Koeyer, 1837)
Gaevskaia, A. V.; and Umnova, B. A., 1977, *Biol. Moria, Vladivostok* (4), 40-48
Sebastes marinus (dorsal muscles): Grand Newfoundland Bank, Northwest Atlantic

- Spilopsylla cuniculi* (Dale)
Clark, F., 1978, Entom. Gaz., v. 29 (4), 258-260
records of fleas from English birds and mammals
- Spilopsyllinae*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Pulicidae, key
- Spilopsyllus*
Amrine, J. W.; and Lewis, R. E., 1978, J. Parasitol., v. 64 (2), 343-358
". . . *Cediopsylla* is probably a synonym of *Spilopsyllus*."
- Spilopsyllus cuniculi*
Davey, K. G., 1974, J. Med. Entom., v. 11 (1), 40-45
Spilopsyllus cuniculi, rabbits, influence of host endocrine system upon flea reproduction, brief review
- Spilopsyllus cuniculi* (Dale)
Fairley, J. S.; and Forster, R., 1979, Entom. Gaz., v. 30 (1), 56-58
Felis catus
Oryctolagus cuniculus
Mustela erminea
all from Ireland
- Spilopsyllus cuniculi*
Laumond, C.; and Beaucournu, J. C., 1978, Ann. Parasitol., v. 53 (3), 291-302
parasitized by Allantonematidae incertae sedis
- Spilopsyllus cuniculi* (Dale)
Nielsen, B. O., 1978, Entom. Medd., København, v. 46 (2), 95-96
Spilopsyllus cuniculi, feeding, reproduction, brief review
Oryctolagus cuniculus: naer Skranbjerg, Halen, Fano, Danmark
- Spilopsyllus cuniculi* (Dale)
Shepherd, R. C. H., 1978, J. Hyg., Cambridge, v. 80 (3), 427-429
Spilopsyllus cuniculi, active feeding on dead rabbit kittens (*Oryctolagus cuniculus*) left in nest boxes for up to 12 days
- Spilopsyllus cuniculi* (Dale)
Shepherd, R. C. H.; and Edmonds, J. W., 1978, J. Hyg., Cambridge, v. 81 (3), 399-403
changes in epidemiology of myxomatosis following introduction of *Spilopsyllus cuniculi*: Pine Plains, Mallee region, Victoria
- Spilopsyllus cuniculi* (Dale)
Shepherd, R. C. H.; and Edmonds, J. W., 1979, J. Hyg., Cambridge, v. 83 (2), 285-294
Spilopsyllus cuniculi, distribution and spread on different land forms at regular intervals following release, seasonal occurrence on male vs. female rabbits, development of stable host-parasite relationship over period of several years: Central District of Victoria
- Spinolaelaps jacksoni* Radf.
Tagil'tsev, A. A., 1971, Parazitologiya, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus: Zaisansk region, Eastern Kazakhstan oblast
- Spinturnix* sp., *illus.*
Domrow, R.; and Nadchatram, M., 1978, Oriental Insects, v. 12 (1), 85-96
description of male
Glischropus tylopus: Malaysia
- Spinturnix* sp.
Mitchell, R.; and Punzo, F., 1976, J. Bombay Nat. Hist. Soc., v. 73 (1), 84-87
Pipistrellus babu: Sindu, Nepal
- Spinturnix* sp.: Uchikawa, 1976
Uchikawa, K.; and Wada, Y., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 121-125
as syn. of *Spinturnix myoti* (Kolenati, 1856) (sensu Rudnick, 1960)
- Spinturnix acuminatus* (C. L. Koch)
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
synonymy
Pipistrellus pipistrellus: Afghanistan
- Spinturnix acuminatus* (Koch, 1836)
Uchikawa, K.; and Wada, Y., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 121-125
synonymy
Nyctalus lasiopterus aviator: Okaya, and Saku City, Nagano Pref., Japan
- Spinturnix acuminatus* (Koch): Uchikawa, 1974
Uchikawa, K.; and Wada, Y., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 121-125
as syn. of *Spinturnix acuminatus* (Koch, 1836)
- Spinturnix americanus*
Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
Myotis grisescens: Shawnee National Forest, southern Illinois
- Spinturnix banksi*
Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
Myotis grisescens: Shawnee National Forest, southern Illinois
- Spinturnix globosus*
Whitaker, J. O., jr.; and Winter, F. A., 1977, Tr. Illinois State Acad. Sc., v. 70 (3-4), 301-313
Myotis grisescens: Shawnee National Forest, southern Illinois
- Spinturnix kolenatii* Oudemans, 1910
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Eptesicus serotinus: Afghanistan
- Spinturnix kolenatii* Oudemans, 1910
Uchikawa, K.; and Wada, Y., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 121-125
Eptesicus parvus: Koshimizu, Hokkaido, Japan
- Spinturnix maedai* sp. nov., *illus.*
Uchikawa, K.; and Wada, Y., 1979, Eisei Dobutsu (Japan. J. San. Zool.), v. 30 (2), 121-125
Murina leucogaster hilgendorfi: Misato, Nagano Pref., Japan
M. aurata ussuriensis: Nakacha-anbetsu, Hokkaido, Japan

- Spinturnix myoti* Kol.
Tagil'tsev, A. A., 1971, *Parazitologiya*, Leningrad, v. 5 (4), 382-384
Myotis oxygnathus
M. mistacinus
all from Zaisansk region, Eastern Kazakhstan oblast
- Spinturnix myoti* (Kolenati, 1856) (sensu Rudnick, 1960), illus.
Uchikawa, K.; and Wada, Y., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (2), 121-125
synonymy
regarded as a species complex
Myotis macrodactyles: Japan
- Spinturnix myoti*: Uchikawa, 1974
Uchikawa, K.; and Wada, Y., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (2), 121-125
as syn. of *Spinturnix myoti* (Kolenati, 1856) (sensu Rudnick, 1960)
- Spinturnix mystacinus* (Kolenati, 1857)
Uchikawa, K.; and Wada, Y., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (2), 121-125
Myotis hosonoi: Mt. Fuji, Yamanashi Pref., Japan
- Spinturnix oudemansi* Eynhoven, 1941
Uchikawa, K.; and Dusbabek, F., 1978, *Bull. National Sc. Mus., Tokyo*, s. A, Zool., v. 4 (4), 245-261
as syn. of *Eynhovenia euryalis oudemansi* (Eynhoven, 1941)
- Spinturnix plecotinus*
Mitchell, R.; and Punzo, F., 1976, *J. Bombay Nat. Hist. Soc.*, v. 73 (1), 84-87
Rhinolophus lepidus
Barbestella leucomelas
all from Sindu, Nepal
- Spinturnix plecotinus* (Koch, 1839)
Uchikawa, K.; and Wada, Y., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (2), 121-125
Plecotus auritus sacrimontis: Mt. Fuji, Yamanashi Pref., and Nagiso, and Shimashimadani, Nagano Pref., Japan
- Spinturnix psi* (Kolenati)
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
Syn.: *Pteroptus psi* Kolenati, 1856
Miniopterus australis: Papua New Guinea
- Spinturnix psi* (Kol.)
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
synonymy
Miniopterus schreibersi: Afghanistan
- Spinturnix psi* (Kolenati, 1856)
Uchikawa, K.; and Wada, Y., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (2), 121-125
Syn.: *Spinturnix psi* (Kolenati, 1856): Rudnick, 1960 [et auct.]
Miniopterus schreibersi fuliginosus: Nagano, Nagano Pref., and Nagasaki, Nagasaki Pref., Japan
- Spinturnix psi* (Kolenati, 1856): Rudnick, 1960 [et auct.]
Uchikawa, K.; and Wada, Y., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (2), 121-125
as syn. of *Spinturnix psi* (Kolenati, 1856)
- Spinturnix scuticornis* sp. n., illus.
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Myotis longipes
Miniopterus schreibersi
all from Jalalabad, Afghanistan
- Spinturnix surinamensis* n. sp., illus.
Dusbabek, F.; and Lukoschus, F., 1971, *Folia Parasitol.*, v. 18 (2), 149-154
description, male, female, protonymph
Eptesicus melanopterus: Lelydorp and Meerzorg, Surinam
- Spinturnix vespertilionis* Scopoli: Yamashita and Haga, 1954
Uchikawa, K.; and Wada, Y., 1979, *Eisei Dobutsu* (Japan. J. San. Zool.), v. 30 (2), 121-125
as syn. of *Spinturnix acuminatus* (Koch, 1836)
- Spinturnix walkeri*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, *J. Mamm.*, v. 59 (3), 632-634
Myotis bocagei
Eptesicus rendalli
Scotoecus albofuscus
Scotophilus dinganii
all from Kenya
- Stachiella Keler*, 1939
Zlotorzyska, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and *Trichodectoidea*, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Stachiella kingi*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Mustela nivalis: Indiana
- Stachiella kingi* (McGregor, 1817)
Whitaker, J. O., jr.; and Goff, R. J., 1979, *Entom. News*, v. 90 (1), 23-25
Mustela nivalis: Indiana
- Stachiella larseni* Emerson, 1962
Whitaker, J. O., jr.; and Goff, R. J., 1979, *Entom. News*, v. 90 (1), 23-25
Mustela vison: Indiana
- Stachiella larseni*
Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Mustela vison: Indiana
- Steatacarus* n. genus
Atyeo, W. T.; and Peterson, P. C., 1977, *J. Med. Entom.*, v. 13 (6), 737-741
Trouessartiidae n. status; *Trouessartiinae* tod: *S. bifiditibia* n. sp.
- Steatacarus bifiditibia* n. sp. (tod), illus.
Atyeo, W. T.; and Peterson, P. C., 1977, *J. Med. Entom.*, v. 13 (6), 737-741
Steatornis caripensis: (?Quilamo), near Macas, Santiago-Zamora Province, SE Ecuador; (?Rio Pauchsi, Jacu), Cordillera de Galeras, Napo-Pastaza Province, Ecuador; Mt Aripo, Trinidad
- Steatonyssus* (*Steatonyssus*) afer Radovsky et Yunker, 1963
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Eptesicus serotinus
Rhinopoma microphyllum or *R. hardwickei*
all from Afghanistan

- Steatonyssus* (*Steatonyssus*) *gaisleri* sp. n., illus.
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Eptesicus nasutus: Bisut, Afghanistan
- Steatonyssus musculi* (Schrank)
Osipova, N. Z., 1974, *Entom. Issled. Kirgizii*, 98-100
Steatonyssus musculi, influence of temperature and humidity on viability
- Steatonyssus musculi* (Schrank)
Tagil'tsev, A. A., 1971, *Parazitologiya, Leningrad*, v. 5 (4), 382-384
Myotis mistacinus: Zaisansk region, Eastern Kazakhstan oblast
- Steatonyssus nakazimai* sp. nov., illus.
Asanuma, K.; and Uchikawa, K., 1977, *Bull. National Sc. Mus., Tokyo, s. A., Zool.*, v. 3 (4), 219-224
Glirulus japonicus: Yachiho Village, Minamisaku-gum, Nagano Prefecture, Japan
+G. japonicus (nest): foot of Mt. Asama, Nagano Prefecture, Japan
- Steatonyssus* (*Steatonyssus*) *periblepharus* Kolenati, 1858
Dusbabek, F., 1970, *Folia Parasitol.*, v. 17 (1), 61-76
Pipistrellus pipistrellus
P. coromandra
all from Afghanistan
- Stenopteryx hirundinus* L.
Fairley, J. S.; and Forster, R., 1979, *Entom. Gaz.*, v. 30 (1), 56-58
Vespertilio leisleri: Ireland
- Stenischia lewisi* Smit, 1975
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Apodemus gurkha
Soriculus nigrescens
S. leucops
all from Dhaulagiri region of western Nepal
- Stenischia rhadinopsylloides* Smit, 1975
Smit, F. G. A. M., 1978, *J. Nat. Hist.*, v. 11 (6), 693-702
Apodemus gurkha: Dhaulagiri region of western Nepal
- Stenocrotaphus* Keler, 1939
Zlotorzyczna, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Stenoponia americana* (Baker)
Main, A. J.; et al., 1979, *Entom. News*, v. 90 (3), 135-140
Peromyscus leucopus
Microtus pinetorum
Microtus pennsylvanicus
Tamias striatus
all from southern New England
- Stenoponia conspecta* Ioff
Kunitskaia, N. T., 1970, *Parazitologiya, Leningrad*, v. 4 (5), 444-450
fleas, structure of ovaries
- Stenoponia formozovi* I. et Tifl., 1933
Pakizh, V. I., 1971, *Parazitologiya, Leningrad*, v. 5 (2), 128-136
[Clethrionomys rutilus]
[Microtus gregalis]
all from northeastern Kazakhstan
- Stenoponia ivanovi* I. et Tifl., 1933
Pakizh, V. I., 1971, *Parazitologiya, Leningrad*, v. 5 (2), 128-136
[Allocricetus evermanni]: northeastern Kazakhstan
- Stenoponia sidimi*
Hong, H. K.; Walton, D. W.; and Yoon, Y. H., 1975, *Korean J. Entom.*, v. 5 (2), 17-20
Clethrionomys rufocanus
Microtus fortis
all from Korea
- Stenoponia tripectinata*
Emel'ianov, P. F.; et al., 1978, *Biol. Zhurnal Armenii*, v. 31 (9), 901-909
fleas of Meriones persicus, role of host in focality of plague: Transcaucasia
- Stenoponia tripectinata* Tirab., illus.
Kunitskaia, N. T., 1970, *Parazitologiya, Leningrad*, v. 4 (5), 444-450
fleas, structure of ovaries
- Stenoponia tripectinata* Tirab.
Volianskii, Iu. E., 1972, *Parazitologiya, Leningrad*, v. 6 (1), 54-56
fleas in nests of Microtus arvalis, seasonal changes in number and fauna in 2 different habitats: environs of Odessa
- Stenoponia tripectinata acmaea* Jordan
Misonne, X., 1977, *Ann. Soc. Belge Med. Trop.*, v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Gerbillus gerbillus
Gerbillus sp.
Meriones shawi
all from Libye
- Stenoponia tripectinata blanda* Jordan
Misonne, X., 1977, *Ann. Soc. Belge Med. Trop.*, v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Gerbillus gerbillus: Libye
- Stenoponia tripectinata insperata* Weiss
Misonne, X., 1977, *Ann. Soc. Belge Med. Trop.*, v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Meriones shawi: Libye
- Stenoponia tripectinata tripectinata* (Tiraboschi 1902)
Beaucournu, J. C.; and Gosalbez, J., 1975, *Vie et Milieu, s. C, Biol. Terr.*, v. 25 (1), 69-86
Barcelona, Spain
- Stephanocircidae* Wagner, 1928
Lewis, R. E., 1974, *J. Med. Entom.*, v. 11 (4), 403-413
Coptosyllidae, Pygiopsyllidae, Stephanocircidae, Xiphopsyllidae, world-wide distribution by zoogeographic regions, host preferences; list of genera and species

- Stephanocircus* n. sp.
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Pseudomys occidentalis: Western Australia
- Stephanocircus concinnus*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: New South Wales, Australia
- Stephanocircus dasyuri*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes coracius
R. sordidus
all from Queensland, Australia
- Stephanocircus pectinipes*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus fuscipes assimilis: New South Wales, Australia
- Steptolaelaps heteromydis*
Yunker, C. E.; et al., 1975, J. Med. Entom., v. 12 (2), 250-255
ticks and mites, vectors of viral and rickettsial agents: Panama
- Sternosathes* n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
key, tod: *S. leptocaulus* n. sp.
- Sternosathes leptocaulus* n. sp. (tod), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturellus variegatus: Venezuela (Haut Orenoque, Amazonas)
C. bartletti: Perou
C. boucardi: Mexique
- Sternostoma borceanum* Feider et Mironescu, 1968, illus.
Feider, Z.; and Mironescu, I., 1978, Trav. Mus. Hist. Nat. "Gr. Antipa", Bucuresti, v. 19, 265-270
Sturnus vulgaris (cavite nasale): Roumanie
- Sternostoma boydi* Strandtmann 1951
Spicer, G. S., 1978, J. Parasitol., v. 64 (5), 891-894
Larus californicus: Salt Lake City, Salt Lake Co., Utah
Larus occidentalis: San Diego, San Diego Co., California
- Sternostomum levinseni* Vitzthum, 1935
Kaneko, K.; Matsudaira, Y.; and Masahito, (Prince), 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 147-154
as syn. of *Rhinonyssus rhinolethrum* (Trouessart)
- Sternostoma pastor* Fain, 1967, illus.
Feider, Z.; and Mironescu, I., 1978, Trav. Mus. Hist. Nat. "Gr. Antipa", Bucuresti, v. 19, 265-270
Sturnus vulgaris (cavite nasale): Roumanie
- Sternostoma tracheacolum*
Cooper, C. L.; and Troutman, E. L., 1974, J. Med. Entom., v. 11 (2), 233
Molothrus ater ater (lungs and trachea): Ohio
- Sternostoma tracheacolum*
Gibson, L., 1978, Avicult. Mag., v. 84 (1), 56-57
lung mites, possibly *Sternostoma tracheacolum*, in *Chloebia gouldiae* (trachea), symptoms, successfully treated with No-Pest-Strip (19% dichlorvos) hung in cage: imported from England
- Stibarokris* new gen.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: *Stibarokris phalacrus* n. sp.
- Stibarokris phalacrus* new gen., n. sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Phalacrocorax auritus: Pigeon Key, Monroe County, Florida
- Stilbometopa podopostyla*, illus.
Ayala, S. C.; et al., 1977, Rev. Inst. Med. Trop. S. Paulo, v. 19 (6), 411-416
Haemoproteus, *Plasmodium*, and hippoboscoid ectoparasites of *Zenaida auriculata caucae*, infection patterns and dove population dynamics, seasonal prevalence
Zenaida auriculata caucae: Cauca River valley, Colombia
- Stivalius smitianus*
Fain, A.; and Beacournu, J. C., 1976, Rev. Zool. Africaine, v. 90 (1), 181-187
Praomys: Makokou, Gabon, Afrique
- Strelkoviacarus critesi*
Cooper, C. L.; Madden, J. E.; and Crites, J. L., 1975, J. Med. Entom., v. 12 (2), 262
Quiscalus quiscula versicolor (feathers): Ottawa Co., Ohio
- Strelkoviacarus critesi*
Cooper, C. L.; and Troutman, E. L., 1974, J. Med. Entom., v. 11 (2), 233
Molothrus ater ater (feathers): Ohio
- Strepsylla* sp. nov.
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Romerolagus diazi: high mountains near Mexico City
- Strepsylla mina*
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Romerolagus diazi: high mountains near Mexico City
- Strepsylla taluna*
Barrera, A., [1967], Rev. Soc. Mexicana Hist. Nat., v. 27, 1966, 67-88
Romerolagus diazi: high mountains near Mexico City
- Strigiphilus rostratus* (Burmeister, 1838)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
synonymy
Tyto alba: Cataluna, Espana
- Strigiphilus strigis* (Pontoppidan, 1763)
Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
synonymy
Bubo bubo: Cataluna, Espana

- Striopsylla mercurius* new species, illus.
Mardon, D. K., 1978, Zool. Mededel. Rijksmus.
Nat. Hist., Leiden, v. 53 (1), 10 pp.
Pogonomelomys ruemmleri: Letterbox Camp,
3700 m, near Mt. Wilhelmina, Dutch New
Guinea (West Irian)
Phascogale sp.: Letterbox Camp
[no host]: Scree Valley Camp, 3800 m, near
Mt. Wilhelmina
- Struthiolipeurus*
Lakshminarayana, K. V., 1973, Ang. Parasitol.,
v. 14 (4), 227-231
Struthiolipeurus, probable evolution on
basis of head structure, host relationship
in relation to Harrison's law
- Struthiolipeurus nandu* Eichler, 1950, illus.
Dominguez de Tena, M.; et al., 1976, Rev.
Iber. Parasitol., v. 36 (3-4), 167-173
Struthio camelus: Parque Zoologico de
Cordoba, Espana
- Sturnidoecus* sp.
Stutterheim, C. J., 1977, South African J. Sc.,
v. 73 (9), 281
Buphagus erythrorhynchus (head, breast,
back): Kruger National Park
- Suidasia medanensis* Oudemans, 1924, illus.
Martinez Maranon, R.; and Hoffmann, A., 1976,
Rev. Invest. Salud Pub., Mexico, v. 36 (4),
187-201
Suidasia medanensis, human intestinal infesta-
tions, case reports: Veracruz, Mexico
- Suricatoecus quadraticeps* (Chapman, 1897)
Whitaker, J. O., jr.; and Goff, R. J., 1979,
Entom. News, v. 90 (1), 23-25
Urocyon cinereoargenteus; Indiana
- Suricatoecus quadraticeps*
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus: Indiana
- Suricatoecus quadraticeps* (Chapman)
Wilson, N.; and Oliver, G. V., jr., 1979,
Southwest. Entom., v. 4 (2), 156-162
Mallophaga from native mammals, new records
and review of previous records
Urocyon cinereoargenteus: Texas
- Synosternus* Jordan
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
Pulicidae, Xenopsyllinae, key
key to species, Afghanistan
- Synosternus cleopatrae* (Rothschild, 1903), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
synonymy, key
Meriones libycus
Gerbillus cheesmani
+rodent (burrow)
Meriones crassus
all from Afghanistan
- Synosternus cleopatrae* (J. & R.)
Misonne, X., 1977, Ann. Soc. Belge Med. Trop.,
v. 57 (3), 163-168
fleas, survey and ecological study of newly
developed plague area, danger for future
epidemics
Gerbillus gerbillus
G. pyramidum
Jaculus jaculus
Meriones shawi
all from Libye
- Synosternus longispinus* (Wagner, 1893), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Syn.: *Pulex longispinus* Wagner, 1893
Hemiechinus auratus: Afghanistan
- Synosternus pallidus* (Taschenberg, 1880), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
key
Syn.: *Pulex pallidus* Taschenberg, 1880
Vulpes vulpes
Felis chaus
Hyaena hyaena
Hemiechinus auratus
+*Spermophilopsis leptodactylus* (burrow)
all from Afghanistan
- Syringophilidae Lavoipierre 1953
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Cheyletoidea
diagnosis, key to genera, adult females
- Syringophiloidus* new gen.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syringophilidae, key
tod: *Syringophiloidus minor* (Berlese) new
comb.
- Syringophiloidus minor* (Berlese) new comb.
(tod), illus.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syn.: *Syringophilus minor* Berlese, 1887
- Syringophiloidus minor*
Casto, S. D., 1974, J. Med. Entom., v. 11 (1),
113-114
Syringophiloidus minor, laboratory evidence
of nocturnal dispersal rhythm
- Syringophiloidus minor* (Berlese)
Casto, S. D., 1976, J. Med. Entom., v. 13
(3), 357-360
Syringophiloidus minor, population develop-
ment in juvenal and nuptial plumages of
Passer domesticus, winter dispersal, disper-
sal into unoccupied coverts of adult birds
not observed, effect of dispersal on popu-
lation composition, population dynamics in
the 2 plumages
- Syringophiloidus seiurus* (Clark) new comb.
Kethley, J. B., 1971, A revision of the family
Syringophilidae Lavoipierre (Prostigmata:
Acarina), 145 pp.
Syn.: *Syringophilus seiuri* Clark, 1964

- Syringophilopsis*, new genus
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: *Syringophilopsis elongatus* (Ewing) new comb.
- Syringophilopsis elongatus* (Ewing) new comb. (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syns.: *Syringophilus elongatus* Ewing, 1911; *S. icteridae* Clark, 1964
- Syringophilopsis fringilla* (Fritsch) new comb., illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus fringillae* Fritsch, 1958
- Syringophilopsis hylocichla* (Clark) new comb.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus hylocichlae* Clark, 1964
- Syringophilopsis passerina* (Clark) new comb.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus passerinae* Clark, 1964
- Syringophilopsis turdus* (Fritsch), new comb.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Syringophilus turdi* Fritsch, 1958
- Syringophilus Heller*
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
- Syringophilus anthi* Fritsch, 1958
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
incertae sedis
- Syringophilus bipectinatus* Heller
Amirkhanov, F. M., 1975, Parazitologiya, Leningrad, v. 9 (1), 64-67
Syringophilus bipectinatus, mechanism of feeding on chickens
- Syringophilus bipectinatus* Heller, illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
- Syringophilus bisetatus* Fritsch, 1958
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
incertae sedis
- Syringophilus columbae* Hirst, 1920
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Peristerophila columba* (Hirst) new comb.
- Syringophilus dendroicae* Clark, 1964
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Naetotrikkiae dendroicae* (Clark) new comb.
- Syringophilus dryobatis* Fritsch, 1958
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Picobia dryobatis* (Fritsch) new comb.
- Syringophilus elongatus* Ewing, 1911
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophilopsis elongatus* (Ewing) new comb.
- Syringophilus fringillae* Fritsch, 1958
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophilopsis fringilla* (Fritsch) new comb.
- Syringophilus glandarii* Fritsch, 1958
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
incertae sedis
- Syringophilus helleri* Oudemans, 1904
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Naetokepphi helleri* (Oudemans) new comb.
- Syringophilus hylocichlae* Clark, 1964
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophilopsis hylocichla* (Clark) new comb.
- Syringophilus icteridae* Clark, 1964
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophilopsis elongatus* (Ewing) new comb.
- Syringophilus major* Berlese, 1878
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
incertae sedis
- Syringophilus minor* Berlese, 1887
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophiloidus minor* (Berlese) new comb.
- Syringophilus passerinae* Clark, 1964
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophilopsis passerina* (Clark) new comb.

- Syringophilus seiuri* Clark, 1964
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophiloidus seiurus* (Clark) new comb.
- Syringophilus totani* Oudemans, 1904
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Creagonycha totana* (Oudemans) new comb.
- Syringophilus troglodytis* Fritsch, 1958
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
incertae sedis
- Syringophilus trouessarti* Oudemans, 1904
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Naetokepphi trouessarti* (Oudemans) new comb.
- Syringophilus turdi* Fritsch, 1958
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Syringophilopsis turdus* (Fritsch) new comb.
- Syringophilus zenadourae* Clark, 1964
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Peristerophila zenadoura* (Clark) new comb.
- Syringophilus zumpti* Lawrence, 1959
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
as syn. of *Picobia zumpti* (Lawrence) new comb.
- Szidatiella* Eichler, 1944
Timmermann, G., 1972, Mitt. Hamburg. Zool. Mus. u. Inst., v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Taeniacanthus sauridae* Yamaguti and Yamasu, 1959, illus.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
measurements
Saurida elongata (gills): Philippines
S. gracilis (gills): Philippines
S. longimanus (gills): "
S. undosquamis (gills): Andaman Sea
- Taeniastrotos* sp.
Cressey, R.; and Cressey, H. B., 1979, Smithsonian Contrib. Zool. (296), 1-71
Trachinocephalus myops (body surface between scales): Trivandrum, India
- Taeniosikya* sp. Gaud, 1961
Kigaye, M. K., 1977, Bull. Animal Health and Prod. Africa, v. 25 (3), 295-298
Leptoptilos crumeniferus (feathers): Mukuno abattoir, about 16 km from Kampala, Uganda
- Tamiophila grandis*
Amin, O. M., 1976, J. Med. Entom., v. 13 (2), 179-192
fleas of mammals, morphological variations in certain key diagnostic characters, seasonal distribution, sex ratio, host sex
Tamias striatus ohionensis
Felis catus
all from southeastern Wisconsin
- Tamiophila grandis* (Rothschild)
Main, A. J.; et al., 1979, Entom. News, v. 90 (3), 135-140
Tamias striatus
Peromyscus leucopus
all from Connecticut
- Tamiophila grandis*
Whitaker, J. O., jr.; and Goff, R., 1979, J. Med. Entom., v. 15 (5-6), 425-430
Urocyon cinereoargenteus: Indiana
- T[arsopsylla] octodecimdentata*
Jurik, M., 1976, Acta Univ. Agric., Fac. Agronom., Brno, v. 24 (1), 161-169
avian and mammalian fleas, analysis of exchange of habitats
- Tarsopsylla octodecimdentata* Kol., 1863
Pakizh, V. I., 1971, Parazitologiya, Leningrad, v. 5 (2), 128-136
[*Sciurus*]: northeastern Kazakhstan
- Tarsopsylla octodecimdentata* Kol.
Zonov, G. B.; and Iakuba, V. N., 1971, Parazitologiya, Leningrad, v. 5 (3), 289-290
ectoparasites found in uninhabited tree hollows, possible places of contact with hosts: focus of tick-borne encephalitis in Predbaikal
- Tarsopsylla octodecimdentata coloradensis* (Baker)
Holland, G. P., 1979, Canad. Entom., v. 111 (6), 713-719
Martes americana americana: Spruce River Road, Thunder Bay District, Ontario, Canada
- Tarsopsylla octodecimdentata octodecimdentata* (Kolenati 1863)
Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
Pyrenees-Orientales, France
- Tarsopsylla octodecimdentata octodecimdentata* (Kolenati, 1863)
Suciu, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
Sciurus vulgaris: Italy
- Taurocheros tarangophilus* sp. nov., illus.
Paggi, J. C., [1977], Physis, Rev. Asoc. Argent. Cien. Nat. (91), v. 35, Secc. B, 1976, 113-119
Hoplias m. malabaricus (cara interna del operculo, la zona muscular del angulo superoanterior y la parte interna del istmo): Rio Parana, lagunas de la isla Posta Vieja, frente a la ciudad de Santa Fe, Argentina

- Tecomatiana sandovali*
Yunker, C. E.; et al., 1975, J. Med. Entom., v. 12 (2), 250-255
ticks and mites, vectors of viral and rickettsial agents
Saccopteryx bilineata: Panama
- Teinocoptes epomophori*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
Epomophorus labiatus: Kenya
- Tencateia* sp.
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Sylvilagus floridanus: Fort Dix, New Jersey
- Teredoika aspectabilis* Avdeev et Kurochkin, illus.
Kurochkin, Iu. V., 1978, Biol. Moria, Vladivostok (2), 40-46
parasite coloration, possible functions, review
Clinopegma unica (kidney): Okhotsk Sea
- Thaumapsylla breviceps*
Mitchell, R.; and Punzo, F., 1976, J. Bombay Nat. Hist. Soc., v. 73 (1), 84-87
Cynopterus sphinx: Sankhuwasabha
Rousettus leschenaulti: Kathmandu
all from Nepal
- Thaumapsylla dina*
Whitaker, J. O., jr.; and Mumford, R. E., 1978, J. Mamm., v. 59 (3), 632-634
Rousettus lanosus: Kenya
- Therodamas fluviatilis* n. sp., illus.
Paggi, J. C., [1977], Physis, Rev. Asoc. Argent. Cien. Nat. (91), v. 35, Secc. B, 1976, 93-102
Aphiocharax cfr. *anisitsi*
Apareiodon affinis (cavidad bucofaringea, base de la aleta anal)
Cheirodon piaba
Thoracocharax stellatus
Leporinus sp.
all from cerca de la costa, en el Rio Salado, Provincia de Santa Fe, a la altura de la ciudad de Santo Tome, Republica Argentina
- Thersitina gasterostei*
Chernyshenko, A. S., 1966, Respublik. Mezhdomstv. Sborn., Akad. Nauk Ukrain. SSR, s. Biol. Moria, 105-113
ichthyoparasite fauna, extensity and intensity of invasion, species composition: 4 estuaries, Black Sea (northern coastal region)
- Thersitina gasterostei* (Pagenstecher)
Dartnall, H. J. G.; and Walkey, M., 1979, J. Fish Biol., v. 14 (5), 471-474
Gasterosteus aculeatus (opercular, gills): Airds Bay, Loch Etive, Scotland
- Thersitina gasterostei* Pagenstecher
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (gill chamber): near Vancouver, British Columbia
- Thrassis aridis campestris* Prince
Graves, G. N.; et al., 1974, J. Med. Entom., v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Dipodomys spectabilis
D. merriami
D. ordii
Neotoma micropus
Sigmodon hispidus
Onychomys leucogaster
Spermophilus spilosoma
Sylvilagus audubonii
all from Chaves County, New Mexico
- Thrassis fatus* (Jordan)
Graves, G. N.; et al., 1974, J. Med. Entom., v. 11 (4), 488-498
fleas of small mammals, abundance, seasonal occurrence, and host preference
Dipodomys ordii
Neotoma micropus
Sigmodon hispidus
Onychomys leucogaster
Reithrodontomys megalotis
Spermophilus spilosoma
Sylvilagus audubonii
all from Chaves County, New Mexico
- Thyromyobia* Fain, 1976
Fain, A., 1976, Biol. Jaarb., Gent, v. 44, 143-162
subgen. of *Acanthophthirus*
- Thysanocercinae* Atyeo & Peterson, 1972
Atyeo, W. T.; and Peterson, P. C., 1977, J. Med. Entom., v. 13 (6), 737-741
Trouessartiidae n. status
- Tick paralysis
Burt, A. D.; Gammie, J. S.; and Ellis, S. E., 1978, Canad. Vet. J., v. 19 (12), 347 [Letter]
Dermacentor andersoni, dog (base of left ear), tick paralysis: British Columbia
- Tick paralysis
Gorman, R. J.; and Snead, O. C., 1978, Clin. Pediat., Philadelphia, v. 17 (3), 249-251
tick paralysis in 3 children (one case caused by *Ixodes scapularis*), different presenting neurologic symptoms with each child, tick discovered on each, clinical case reports, importance of differential diagnosis in acute onset of paralysis or ataxia: Mississippi
- Tick paralysis
Gothe, R.; and Englert, R., 1978, Zentralbl. Vet.-Med., Reihe B, v. 25 (2), 122-133
Argas radiatus, *A. persicus*, *A. sanchezi*, paralysis in chickens, degree of paresis directly proportional to number of larvae and independent of tick species used
- Tick paralysis
Hamel, H. D.; and Gothe, R., 1978, Vet. Parasitol., v. 4 (2), 183-191
Rhipicephalus evertsi evertsi, sheep, paralysis-inducing potential, characterization of paralysis, intensity directly related to infestation level and inversely proportional to age and weight of host animals
- Tick paralysis
Kunze, K.; and Gothe, R., 1978, Ztschr. Parasitenk., v. 56 (3), 275-285
Argas walkerae, in vitro effects of tick paralysis toxin on chicken peripheral nerves under oxygen saturated and anoxic conditions

- Tick paralysis
Lefevre, J. P.; et al., 1976, *Semaine Hop. Paris*, v. 52 (11), 687-694
ticks, human, case reports of meningoradiculitis with resulting temporary paralysis after tick bite, clinical management
- Tick paralysis
Morris, H. H., 1977, *South. Med. J.*, v. 70 (1), 121-122
tick paralysis, 9-year-old girl, severe neurologic symptoms relieved after tick removed from scalp, electrophysiologic measurements: Texas
- Tick paralysis
Sharma, B. D., 1979, *Poultry Adviser*, v. 12 (8), 63-64
Argas persicus, poultry, neurotoxic symptoms: Jammu province, Jammu and Kashmir State, India
- Tick paralysis
Soni, J. L., 1979, *Indian Vet. J.*, v. 56 (2), 149-150
Argas persicus, chickens, outbreak of tick paralysis
- Tick paralysis
Zanga, J. R., 1979, *Virginia Med.*, v. 106 (6), 443-444
tick paralysis, 18-month-old child, case report: Fauquier County, Virginia
- Ticks
Carpenter, J. W.; and Hillman, C. N., 1979, *Ann. Proc., Am. Ass. Zoo Vet.*, 36-47
Mustela nigripes: South Dakota, transported to Patuxent Wildlife Research Center, Laurel, Maryland
- Ticks
Gorman, R. J.; and Snead, O. C., 1978, *Clin. Pediat., Philadelphia*, v. 17 (3), 249-251
tick paralysis in 3 children (one case caused by *Ixodes scapularis*), different presenting neurologic symptoms with each child, tick discovered on each, clinical case reports, importance of differential diagnosis in acute onset of paralysis or ataxia: Mississippi
- Ticks
Hattwick, M. A. W.; et al., 1978, *J. Am. Med. Ass.*, v. 240 (14), 1499-1503
report of several fatal cases of Rocky Mountain spotted fever, tick bite history important in diagnosis
- Ticks
MacLeod, J., 1975, *Bull. Animal Health and Prod. Africa*, v. 23 (1), 95-97
2 simple methods for immobilizing cattle under field conditions for examination for ticks or other ectoparasites
- Ticks
Norval, R. A. I., 1975, *Proc. 1. Cong. Entom. Soc. South. Africa*, 195-201
host-tick interactions reviewed: tick feeding mechanism and innate and acquired host resistance; host specificity
- Ticks
Proc. Internat. Conf. Tick-borne Dis. and Their Vectors (Edinburgh, Sept. 27-Oct. 1, 1976), 1978, 573 pp., illus.
multiple articles on tick biology, control of ticks and disease, tick-borne protozoa, viruses, and rickettsiae
- Ticks
Sauer, J. R., 1977, *J. Med. Entom.*, v. 14 (1), 1-9
ticks, physiology of salivary glands, review
- Ticks
Sexton, D. J.; and Burgdorfer, W., 1975, *South. Med. J.*, v. 68 (12), 1529-1535
clinical and epidemiologic features of Rocky Mountain spotted fever, 1933-1973 in Mississippi
- Ticks
Whitehead, G. B., 1973, *South African Med. J.*, v. 47 (8), 342-344
ticks, development of resistance to acaricides, review: Eastern Cape Province
- Ticks
Yekutieli, P., 1979, *Israel J. Med. Sc.*, v. 15 (12), 976-982
infective diseases in Israel, changing patterns over 30 years, includes malaria, leishmaniasis, tick and flea borne infections
- Tiflovia n. genus
Traub, R., 1977, *J. Med. Entom.*, v. 13 (6), 658-685
Pygiopsyllidae
Tiflovia n. gen., taxonomy, convergent evolution, zoogeography and ecology, tod: *T. pachnopoata* n. sp.
- Tiflovia pachnopoata* n. sp. (tod), illus.
Traub, R., 1977, *J. Med. Entom.*, v. 13 (6), 658-685
Pogonomelomys rueemleri
Rattus sp.
all from Mt Giluwe, on ascent from Kagaba, 40 km NNE of Mendi, Southern Highlands of Papua New Guinea
- Tiflovia stellalpestris* n. sp., illus.
Traub, R., 1977, *J. Med. Entom.*, v. 13 (6), 658-685
Pogonomelomys rueemleri: Star Mountains, Western District, Papua New Guinea
- Timmermanniceps* Eichler & Zlotorzyska, 1964
Timmermann, G., 1972, *Mitt. Hamburg. Zool. Mus. u. Inst.*, v. 68, 95-105
as syn. of subgenus *Cummingsiella* Ewing 1930
- Tinaminyssus schoutedeni* (Fain), illus.
Domrow, R.; and Nadchatram, M., 1978, *Oriental Insects*, v. 12 (1), 85-96
description of male
Syn.: *Neonyssus schoutedeni* Fain, 1956
Halcyon smyrnensis (nasal cavity): Malaysia
- Tinamoglyphus* n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Dermoglyphidae
tod: *T. parvus* n. sp.
- Tinamoglyphus parvus* n. sp. (tod), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Tinamus major saturatus: Panama (Pucro, Prov. de Darien)
Crypturellus noctivagus: Colombie

- Tinamolichus* n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
key, tod: *T. pachycaulus* n. sp.
- Tinamolichus diphymatus* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Tinamus solitarius: Bresil (Joinville, Santa Catarina)
- Tinamolichus eurysomus* n. sp., illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Tinamus major saturatus: Panama (Pucro, Pr. de Darien)
T. major castaneiceps: Panama
- Tinamolichus pachycaulus* n. sp. (tod), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F., [1973], *Acarologia*, v. 14 (3), 1972, 393-453
Tinamus major castaneiceps: Panama (El Real, Rio Tuira and Chepigana, Pr. de Darien)
T. major saturatus: Panama
T. guttatus: Bresil; Equateur; Venezuela
- Toritrombicula oahuensis* n. sp., illus.
Goff, M. L., 1977, *J. Med. Entom.*, v. 13 (6), 735-737
Pluvialis dominica fulva: Bellows Air Force Base and Kahuku, Oahu, Hawaiian Islands
- Torotrogla* new genus
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syringophilidae, key
tod: *Torotrogla mima* n. sp.
- Torotrogla mima* n. sp. (tod), illus.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Mimus polyglottos: one mile N. W. Odum, Wayne County, Georgia
- Torotrogla villosa* (Hancock) new comb.
Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
Syn.: *Picobia villosa* Hancock, 1895
- Trabeculus schillingi* Rudow, 1866
Palma, R. L.; and Pilgrim, R. L. C., 1977, *N. Zealand Entom.*, v. 6 (3), 290-292
Pterodroma inexpectata: S. W. Promontory, Snares Island, N. Zealand
- Tracheliastes longicollis* Markevich, 1940
Hanek, J.; and Dulmaa, A., 1970, *Folia Parasitol.*, v. 17 (1), 77-80
brief description
Pseudaspius leptocephalus (fins): Mongolia
- Tracheliastes maculatus* Kollar
Iziumova, N. A.; Mashtakov, A. V.; and Timoshechkina, L. G., 1977, *Inform. Biul. Inst. Biol. Vnutren. Vod, Akad. Nauk SSSR* (36), 71-76
[*Abramis brama*]: Upper Kama; Chusovaia river
- Tracheliastes maculatus*
Linnik, V. Ia.; and Zen'kovich, E. M., 1970, *Nauch. Trudy, Nauchno-Issled. Vet. Inst.*, v. 8, 109-114
+[fish]: Neman river basin
- Tracheliastes polycolpus* Nordmann, 1832
Ashurova, M., 1973, *Parazitologiya, Leningrad*, v. 7 (2), 164-168
Schizopygopsis stoliczkai: Sarez Lake, central Pamir
- Tracheliastes polycolpus* Nordmann, 1832
Hanek, J.; and Dulmaa, A., 1970, *Folia Parasitol.*, v. 17 (1), 77-80
brief description
Leuciscus l. baicalensis
L. waleckii
Phoxinus phoxinus
(fins of all): all from Mongolia
- Traubella*, n. genus
Prince, F. M.; Eads, R. B.; and Barnes, A. M., 1976, *J. Med. Entom.*, v. 13 (2), 162-168
Ceratophyllidae
tod: *T. neotomae*, n. comb.
- Traubella neotomae* (I. Fox), n. comb. (tod), illus.
Prince, F. M.; Eads, R. B.; and Barnes, A. M., 1976, *J. Med. Entom.*, v. 13 (2), 162-168
description
Syn.: *Amphipsylla neotomae* I. Fox, 1940;
Malaraeus neotomae: Jellison, Locker & Bacon, 1953
Neotoma lepida: Imperial County and Inyo County, California
Neotoma sp.: Mohave County, Arizona; Riverside County, California
Peromyscus crinitus: Mohave County, Arizona
Spilogale putoris: Riverside County, California
Peromyscus sp.: Riverside County, California
- Travassostulida* gen. n.
Motta, C. da S.; and Gomes, D. C., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (1), 7-9
Cephalobaenidae, key
tod: *T. freitasi* sp. n.
- Travassostulida acutiacanthus* sp. n., illus.
Gomes, D. C.; and Motta, C. da S., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (2), 57-58
Bufo parachemis
Mabuya punctata
(pulmao of all): all from Ilha Fernando de Noronha, Brasil
- Travassostulida freitasi* sp. n. (tod), illus.
Motta, C. da S.; and Gomes, D. C., 1968, *Atas Soc. Biol. Rio de Janeiro*, v. 12 (1), 7-9
Mabuya punctata (pulmao): Ilha Fernando de Noronha, Brasil
- Trichobius* sp.
Jiron P., F.; and Fallas B., F., 1974, *Rev. Biol. Trop.*, v. 22 (1), 67-70
Pteronotus davyi: Cueva El Encanto, Playa Zapotillal, Santa Cruz, Provincia de Guanacaste, Costa Rica
- Trichobius corynorhini* Cockerell
Kunz, T. H., 1976, *J. Med. Entom.*, v. 12 (6), 631-636
Trichobius corynorhini on hibernating *Plecotus townsendii*, parasite distribution on host, frequency and levels of infestation in relation to host density and clustering behavior and sex, value of these adaptations

- Trichobius major*
 Foster, G. W., 1979, *J. Parasitol.*, v. 65 (3), 465-466
Myotis austroriparius: north-central Florida
- Trichodectes Nitzsch*, 1818
 Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and *Trichodectoidea*, keys to sub-families, genera, and species, systematics, hosts: Poland
- Trichodectes canis*, illus.
 Foreyt, W. J.; Long, G. G.; and Gates, N. L., 1978, *Vet. Med. and Small Animal Clin.*, v. 73 (4), 503-505
Trichodectes canis on *Canis latrans*, case reports, severe alopecia, diazinon dusted on bedding highly effective
- Trichodectes canis*
 Linardi, P. M.; and Nagem, R. L., 1973, *Rev. Brasil. Biol.*, v. 33 (4), 529-537
Pulicidae and other ectoparasites on dogs, survey, frequent mixed infections: Belo Horizonte and neighboring townships of Minas Gerais
- Trichodectes canis* (De Geer)
 Wilson, N.; and Oliver, G. V., jr., 1979, *Southwest. Entom.*, v. 4 (2), 156-162
Mallophaga from native mammals, new records and review of previous records
Canis latrans x *Canis rufus*: Texas
- Trichodectes cati*
 Kamara, J. A., 1975, *Bull. Animal Health and Prod. Africa*, v. 23 (3), 265-268
Viverra civetta: Sierra Leone
- Trichodectes octomaculatus* Paine, 1912
 Whitaker, J. O., jr.; and Goff, R. J., 1979, *Entom. News*, v. 90 (1), 23-25
Procyon lotor: Indiana
- Trichodectes octomaculatus*
 Whitaker, J. O., jr.; and Goff, R., 1979, *J. Med. Entom.*, v. 15 (5-6), 425-430
Procyon lotor: Indiana
- Trichodectes octomaculatus*
 Whitaker, J. O., jr.; Jones, G. S.; and Goff, R. J., 1977, *Proc. Indiana Acad. Sc.*, v. 86, 1976, 501-507
Didelphis virginiana: Indiana
- Trichodectes octomaculatus* Paine
 Wilson, N.; and Oliver, G. V., jr., 1979, *Southwest. Entom.*, v. 4 (2), 156-162
Mallophaga from native mammals, new records and review of previous records
Procyon lotor: Texas
- Trichodectes pinguis euarctidos* Hopkins
 Addison, E. M.; Pybus, M. J.; and Rietveld, H. J., 1978, *Canad. J. Zool.*, v. 56 (10), 2122-2126
Ursus americanus: central Ontario, Canada
- Trichodectoidea*
 Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
Goniodoidea and *Trichodectoidea*, keys to sub-families, genera, and species, systematics, hosts: Poland
- Trichoecius tenax* (Mich.)
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 377-427
Pitymys subterraneus: Gory Sowie (Middle Sudetes), Poland
- Trichoecius tenax*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Pitymys subterraneus: Gory Sowie (Middle Sudetes), Poland
- Tricholipeurus lipeuroides* (Megnin, 1884)
 Westrom, D. R.; Nelson, B. C.; and Connolly, G. E., 1976, *J. Med. Entom.*, v. 13 (2), 169-173
Odocoileus hemionus columbianus: Hopland Field Station, Mendocino County, California
- Tricholipeurus lipeuroides* (Megnin, 1884)
 Whitaker, J. O., jr.; and Goff, R. J., 1979, *Entom. News*, v. 90 (1), 23-25
Odocoileus virginiana: Indiana
- Tricholipeurus lipeuroides* (Megnin)
 Wilson, N.; and Oliver, G. V., jr., 1979, *Southwest. Entom.*, v. 4 (2), 156-162
Mallophaga from native mammals, new records and review of previous records
Odocoileus virginianus: Texas
- Tricholipeurus parallelus* (Osborn, 1896)
 Westrom, D. R.; Nelson, B. C.; and Connolly, G. E., 1976, *J. Med. Entom.*, v. 13 (2), 169-173
Odocoileus hemionus columbianus: Hopland Field Station, Mendocino County, California
- Tricholipeurus parallelus* (Osborne, 1896)
 Whitaker, J. O., jr.; and Goff, R. J., 1979, *Entom. News*, v. 90 (1), 23-25
Odocoileus virginiana: Indiana
- Tricholipeurus parallelus* (Osborn)
 Wilson, N.; and Oliver, G. V., jr., 1979, *Southwest. Entom.*, v. 4 (2), 156-162
Mallophaga from native mammals, new records and review of previous records
Odocoileus virginianus: Texas
- Trimenopon Cummings*, 1813
 Zlotorzycza, J., 1972, *Klucze Oznac. Owad. Polski* (75), Sect. 15, 57 pp.
Mallophaga, morphology, classification, rearing, control, collection, preservation, keys, hosts: Poland
- Trimenopon hispidum*
 Mehl, R., 1978, *Fauna, Oslo*, v. 31 (4), 250-267
 arthropod pests of humans or domestic animals, Laboratory of Medical Entomology enquiries (1972-1976), first report: Norway
- Trinoton anserinum* (J. C. Fabricius, 1805)
 Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, *Proc. Entom. Soc. Wash.*, v. 81 (2), 327-328
Olor columbianus (head): Ontario, Canada

- Trinoton querquedulae* (Linnaeus, 1758)
Threlfall, W.; Bourgeois, C. E.; and Bain, G. A., 1979, Proc. Entom. Soc. Wash., v. 81 (2), 327-328
Anas rubripes (head): New Brunswick, Canada
A. crecca: Newfoundland, Canada
Aythya collaris (head): Ontario, Canada
Bucephala clangula (head): Ontario, Canada
Lophodytes cucullatus (head): Ontario, Canada
Mergus serrator: Ontario, Canada
- Trispeleognathus womersleyi* (Fain), illus.
Kaneko, K.; Matsudaira, Y.; and Masahito, (Prince), 1978, Eisei Dobutsu (Japan. J. San. Zool.), v. 29 (2), 147-154
synonymy
A. a. acuta (nasal passage)
A. p. platyrhynchos
all from Japan
- Trixacarus caviae* Fain, Howell & Hyatt 1972, illus.
Dorrestein, G. M.; and Van Bronswijk, J. E. M. H., 1979, Vet. Parasitol., v. 5 (4), 389-398
Trixacarus caviae as cause of mange in *Cavia porcellus* (nat. and exper.), clinical symptoms, pathology, treatment; papular urticaria in humans associated with mangy guinea-pigs: The Netherlands
- Trombicula* (s.l.)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Trombicula* (s.l.) [sp.] nr. *dunni* Ewing, 1931
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
Philander opossum
Zygodontomys brevicauda microtinus
all from Surinam
- Trombicula brevistigera* Schlug., 1957
Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Trombicula callosa* Schlug., 1966
Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Trombicula* (s.l.) *dunni* Ewing, 1931
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Trombicula fitchi* Loomis
Harlan, H. J.; and Kramer, R. D., 1979, Entom. News, v. 90 (2), 79-87
Glaucomys volans: Fort Dix, New Jersey
- Trombicula palmigera* Fauran, 1960
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
as syn. of: *Parasecia palmigera* (Fauran, 1960) n. comb.
- Trombiculidae
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key to genera from Surinam
- Trombiculidae
Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Trombiculidae
Muliarskaia, L. V., 1978, Zool. Zhurnal, v. 57 (9), 1353-1358
Trombiculidae, Leeuwenhoekidae, zoogeographic groups, distribution patterns, brief review: Azerbaidzhan
- Trombiculidae
Muliarskaia, L. V., 1978, Entom. Obozr., v. 57 (1), 207-212
Trombiculidae, land development, species and quantity of mites; interrelationships of vector species and rodent hosts, epidemiological importance, brief review: Azerbaidzhan
- Trombiculidae [sp.]
Mather, C. M., 1979, Texas J. Sc., v. 31 (1), 103
Sceloporus undulatus
S. variabilis
both from Uvalde County, Texas
- Trombiculidae [sp.] cf. *Schoengastia* [sp.]
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Trombiculinae
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Trombidiformes
Hallas, T. E., 1978, Entom. Medd., København, v. 46 (1), 27-45
check list of Danish Acari
- Trombigastia *schlugeri* sp. n., illus.
Muliarskaia, L. V.; and Dubovchenko, T. A., 1970, Parazitologiya, Leningrad, v. 4 (4), 365-370
Rhinolophus mehelyi: Malogo Kavkaza, Nagorno-Karabakhsk autonomous oblast, cave near Azokh Gadrutsk region, Azerbaidzhan SSR
Miniopterus schreibersii: Azerbaidzhan SSR
- Trouessartia spp.
Atyeo, W. T.; and Peterson, P. C., 1977, J. Med. Entom., v. 13 (6), 737-741
Furnariidae
Rhinocryptidae
- Trouessartia sp.
Watling, D., 1977, Fiji Agric. J., v. 39 (2), 116-117
Acridotheres fuscus: Sigatoka Valley, Viti Levu, Fiji Islands
- Trouessartia *rubecula* Jablonska, 1968
Jablonska, J., 1970, Acta Parasitol. Polon., v. 18 (42-50), 521-550
Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
Erithacus rubecula: Poland

- Trouessartia swidwiensis Jablonska, 1968
 Jablonska, J., 1970, Acta Parasitol. Polon., v. 18 (42-50), 521-550
 Analgesoidea mites on turdid birds, occurrence during host spring and autumn migrations, incidence, intensity, distribution on wings, population structure (sex ratios, developmental stages), host specificity, simultaneous infections
 Luscinia luscinia
 L. svecica
 Phoenicurus phoenicurus
 all from Poland
- Trouessartiidae n. status
 Atyeo, W. T.; and Peterson, P. C., 1977, J. Med. Entom., v. 13 (6), 737-741
 Analgoidea
 includes: Trouessartiinae (s.s.); Thysanocercinae
- Trouessartiinae (s.s.)
 Atyeo, W. T.; and Peterson, P. C., 1977, J. Med. Entom., v. 13 (6), 737-741
 Trouessartiidae n. status
- Trypetoptila new genus
 Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
 Syringophilidae, key
 tod: Trypetoptila casmerodia n. sp.
- Trypetoptila casmerodia n. sp. (tod), illus.
 Kethley, J. B., 1971, A revision of the family Syringophilidae Lavoipierre (Prostigmata: Acarina), 145 pp.
 Casmerodius albus egretta: McIntosh County, Georgia
- Tunga sp., probably T. penetrans
 Bell, A.; Neely, C. L.; and Peeples, J., 1979, South. Med. J., v. 72 (2), 141-143
 tungiasis, man (heel and sole of foot), clinical report, therapy, historical note: Memphis, Tennessee (had just returned from Brazil)
- Tunga penetrans, illus.
 Bell, A.; Neely, C. L.; and Peeples, J., 1979, South. Med. J., v. 72 (2), 141-143
- Tunga penetrans
 Brothers, W.; and Heckmann, R., 1979, J. Parasitol., v. 65 (5), 782
 Tunga penetrans from toe of 21-year-old Caucasian male: Utah, recently returned from Brazil
- Tunga penetrans, illus.
 Rothenborg, H. W.; Sjølin, K. E.; and Kristensen, N. P., 1976, Ugeskr. Laeger, v. 138 (40), 2437-2440
 Tunga penetrans, Danish tourist to Gambia, severe infestation of feet after exposure to sandy beaches; pathology, scanning electron microscopy of fleas, suggested control measures
- Tur breviperitremus Garrett and Strandtmann, 1967
 Herrin, C. S.; and Tipton, V. J., 1976, Great Basin Nat., v. 36 (2), 113-205
 as syn. of Laelaps (Laelaps) breviperitremus (Garrett and Strandtmann)
- Tur uniscutatus
 Yunker, C. E.; et al., 1975, J. Med. Entom., v. 12 (2), 250-255
 ticks and mites, vectors of viral and rickettsial agents: Panama
- Turbinoptes strandtmanni Boyd 1949
 Spicer, G. S., 1978, J. Parasitol., v. 64 (5), 891-894
 Larus californicus: Salt Lake City, Salt Lake Co., Utah
- Turbinoptidae Fain, 1957
 Fain, A., 1977, Rev. Zool. Africaine, v. 91 (1), 83-116
 Turbinoptidae, list of species with hosts and geographic localities
- Typhloceras favosus Jordan & Rothschild, 1914
 Suci, M., 1975, Boll. Mus. Civ. Storia Nat. Verona, v. 2, 1-12
 Apodemus flavicollis
 A. sylvaticus
 all from Italy
- Typhloceras favosus claramuntae ssp. nova, illus.
 Beaucournu, J. C.; and Gosalbez, J., 1978, Ann. Parasitol., v. 53 (3), 303-307
 Crocidura russula russula: ile de Meda Gran, Girona (Espagne)
- Typhloceras favosus rolandi
 Beaucournu, J. C.; and Gosalbez, J., 1978, Ann. Parasitol., v. 53 (3), 303-307
 Crocidura russula: Catalogne francaise (Banyuls-sur-Mer)
- Typhloceras poppei Wagner 1903
 Beaucournu, J. C.; and Gosalbez, J., 1975, Vie et Milieu, s. C, Biol. Terr., v. 25 (1), 69-86
 Pyrenees-Orientales, France; Gerona, Spain
- Typhlopsylla nudata Baker, 1898
 Barnes, A. M.; Tipton, V. J.; and Wildie, J. A., 1977, Great Basin Nat., v. 37 (2), 138-206
 as syn. of Anomiopsyllus nudatus nudatus (Baker)
- Typhlopsylla setosa Wagner, 1898
 Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
 as syn. of Neopsylla setosa setosa (Wagner, 1898)
- Tytoniella rostrata (Burmeister, 1838)
 Martin, M. P.; and Gallego, J., 1977, Graellsia, Rev. Entom. Iber., v. 31, 1975, 193-211
 as syn. of Strigiphilus rostratus (Burmeister, 1838)
- Uchida numidae Ewing, 1930
 Martin-Mateo, M. P., [1976], Bol. R. Soc. Espan. Hist. Nat., Secc. Biol., v. 72, 1974, 165-179
 as syn. of Menacanthus numidae (Giebel, 1874)

- Uchida phasiani* n. sp., illus.
 Modrzejewska, M.; and Zlotorzyczka, J., 1977, *Polskie Pismo Entom.*, v. 47 (2), 339-343
Phasianus colchicus: Olawa bei Wroclaw, Dolnego Slaska, Polska
- Ugandobia* Dusb., 1968 (s. str.)
 Dusbabek, F.; and Lukoschus, F., 1971, *Folia Parasitol.*, v. 18 (4), 337-345
 subgen. of *Ugandobia* Dusb., 1968 (s. lato)
 tod: *Ugandobia* (*Ugandobia*) *barnleyi* (Radf., 1951)
- Ugandobia* (*Ugandobia*) *barnleyi* (Radf., 1951) (tod of subgen.)
 Dusbabek, F.; and Lukoschus, F., 1971, *Folia Parasitol.*, v. 18 (4), 337-345
- Ugandobia* (*Expletobia*) *procera* sg. n., sp. n. (tod of subg.), illus.
 Dusbabek, F.; and Lukoschus, F., 1971, *Folia Parasitol.*, v. 18 (4), 337-345
Saccopteryx bilineata: Lelydorp, Surinam
- Unionicola* spp.
 Jones, R. K. H., 1978, *Hydrobiologia*, v. 60 (1), 81-87
Anodonta anatina: Nottinghamshire
- Unionicola crassipes* (Muller) 1776
 Murray, H. D., 1965, *Tr. Kansas Acad. Sc.*, v. 68 (4), 584-585
Anodonta grandis: Tauy Creek, north of Ottawa, Franklin County, Kansas
- Unionicola formosa* (Dana and Whelpley) 1836
 Murray, H. D., 1965, *Tr. Kansas Acad. Sc.*, v. 68 (4), 584-585
Anodonta grandis (gills, lobes of labial palps on right side): Tauy Creek, north of Ottawa, Franklin County, Kansas
- Unionicola psilophera* Bonz.
 Jones, R. K. H., 1978, *Hydrobiologia*, v. 60 (1), 81-87
Anodonta cygnea: Nottinghamshire and Lancashire
- Unionicola wolcottii* (Persig) 1900
 Murray, H. D., 1965, *Tr. Kansas Acad. Sc.*, v. 68 (4), 584-585
Anodonta grandis (gills): Tauy Creek, north of Ottawa, Franklin County, Kansas
- Upupicola melanophrys* (Nitzsch) Clay y Meinertzhagen, 1939
 Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
 as syn. of *Upupicola upupae* (Schrank, 1803)
- Upupicola upupae* (Schrank, 1803), illus.
 Martin Mateo, M. P., 1978, *Rev. Iber. Parasitol.*, v. 38 (1-2), 385-402
 synonymy, description
 Upupa epops: Madrid, Toledo y Coruna, Espana
- Upupicola upupae* (Schrank, 1803)
 Martin, M. P.; and Gallego, J., 1977, *Graellsia*, *Rev. Entom. Iber.*, v. 31, 1975, 193-211
 synonymy
 Upupa epops: Cataluna, Espana
- Upupicola upupae*, illus.
 Mester, H., 1977, *Ang. Parasitol.*, v. 18 (4), 215-219
 Upupa epops (*Haubenfedern*, Schwinge): Balearen
- Uropodidae [sp.]
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus tauricus: Gory Sowie (Middle Sudetes), Poland
- Ursodectes* Keler, 1938
 Zlotorzyczka, J., 1972, *Klucze Oznac. Owad. Polski* (74), Sect. 15, 48 pp.
 Gonioidoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Vahinius verbericolus* n. sp., illus.
 Humes, A. G., 1979, *Beaufortia* (347), v. 28, 113-120
Cirripathes anguina: southwestern side of Goenoeng Api, Banda Islands, Moluccas
- Vanidicus* Brennan & Jones, 1961
 Brennan, J. M., 1973, *J. Med. Entom.*, v. 10 (1), 107-109 [For author reference see Supplement 22, Part 1]
 valid genus, redescription
- Vanidicus*
 Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
 key
- Vanidicus tricosus* Brennan & Jones, 1961
 Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, *J. Med. Entom.*, v. 12 (2), 243-249
 key
Proechimys guyannensis: Surinam
- Veigaia kochi*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Apodemus agrarius: Gory Sowie (Middle Sudetes), Poland
- Veigaia nemorensis*
 Haitlinger, R., 1977, *Polskie Pismo Entom.*, v. 47 (3), 429-485
Clethrionomys glareolus
Sorex araneus
 all from Gory Sowie (Middle Sudetes), Poland
- Veigaia planicola* (Berl.)
 Volianskii, Iu. E., 1974, *Parazitologia*, Leningrad, v. 8 (1), 12-14
 gamasid mites in nests of *Microtus arvalis*, seasonal changes in abundance, females were dominant in collections: vicinity of Odessa, south-eastern Ukraine
- Vermipsylla* spp.
 Splisteser, H.; and Graefe, D., 1977, *Monatsh. Vet.-Med.*, v. 32 (23), 911-914
 large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Vermipsyllidae
 Lewis, R. E., 1973, *Fieldiana: Zoology*, v. 64, Sept. 14, 1-161
Ceratophylloidea
 key

- Waddycephalus
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
key
- Waddycephalus sp.
Yamamoto, H.; et al., 1978, Snake, v. 10 (2), 143-147
Japan
- Wagnerina longicauda
Lazareva, L. A.; and Eshelkin, I. I., 1975, Parazitologiya, Leningrad, v. 9 (1), 57-60
+Altiticola strelzovi (nest): south-eastern Altai
- Wagnerina tuvensis
Lazareva, L. A.; and Eshelkin, I. I., 1975, Parazitologiya, Leningrad, v. 9 (1), 57-60
+Altiticola strelzovi (nest): south-eastern Altai
- Walchia (Ripiaspichia) chinensis (Chen & Hsu, 1955)
Chen, H. P., 1978, Acta Entom. Sinica, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Walchia (Ripiaspichia) minuscuta sp. nov., illus.
Chen, H. P., 1978, Acta Entom. Sinica, v. 21 (2), 197-203
Apodemus agrarius: southern Kiangsu Province, China
- Walchia (W.) neosinensis (Hsu & Wen, 1956)
Chen, H. P., 1978, Acta Entom. Sinica, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Walchia (W.) pacifica (Chen & Hsu, 1955)
Chen, H. P., 1978, Acta Entom. Sinica, v. 21 (2), 197-203
rat: southern Kiangsu Province, China
- Walchia parvula Schlug., 1955
Muliarskaia, L. V., 1972, Parazitologiya, Leningrad, v. 6 (6), 540-545
Trombiculidae, numbers and specific variety in foothill, mountain, and alpine zones compared: Caucasus Minor, Azerbaidzhan
- Walchia pentalagi
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Pentalagus furnessi: Amami Island, Japan
- Walchia sawaii
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Tokudaia oshimensis: Amami Island, Japan
- Walchiella amamiensis
Suzuki, H., 1977, Eisei Dobutsu (Japan. J. San. Zool.), v. 28 (2), 105-110
Tokudaia oshimensis
Rattus rattus
all from Amami Island, Japan
- Walchiella impar
Goff, M. L., 1979, Pacific Insects, v. 20 (4), 321-353
chiggers infesting land mammals, host and habitat relationships, parasitopes (attachment site on host body)
Hydromys chrysogaster (ear)
Rattus sp. (ear, ear fringe)
R. ruber (ear, ear fringe, ear tragus, legs)
R. sordidus (ear)
Echymipera kalubu (legs, scrotum)
Melomys rufescens
all from Papua New Guinea
- Warble fly
Love, J., 1979, Vet. Rec., v. 104 (1), 22 [Letter]
warble fly, ostertagiasis, young stock, simultaneous prophylactic treatment with rycovet warblecide and panacur
- Wedanus n. gen.
Humes, A. G., 1978, Hydrobiologia, v. 58 (2), 119-128
Lichomolgidae
tod: W. inconstans n. sp.
- Wedanus inconstans n. sp. (tod), illus.
Humes, A. G., 1978, Hydrobiologia, v. 58 (2), 119-128
Goniopora tenuidens (polyps): Karang Mie, Weda Bay, Halmahera, Moluccas
- Werneckia
Kaneko, K., 1979, J. Med. Entom., v. 15 (5-6), 510-513
key to species, includes: Werneckia minuta; W. africana, n. sp.; W. paraxeri; W. nigeriensis, n. sp.
- Werneckia africana n. sp., illus.
Kaneko, K., 1979, J. Med. Entom., v. 15 (5-6), 510-513
key
Funisciurus lemniscatus: Ile-Ife, Nigeria
- Werneckia nigeriensis n. sp., illus.
Kaneko, K., 1979, J. Med. Entom., v. 15 (5-6), 510-513
key
Funisciurus isabella: Ile-Ife, Nigeria
- Werneckiella Wd. Eichler, 1940
Zlotorzyczna, J., 1972, Klucze Oznac. Owad. Polski (74), Sect. 15, 48 pp.
Goniodoidea and Trichodectoidea, keys to subfamilies, genera, and species, systematics, hosts: Poland
- Whartonia
Brennan, J. M.; and van Bronswijk, J. E. M. H. 1975, J. Med. Entom., v. 12 (2), 243-249
key
- Whartonia nudosetosa (Wharton, 1938)
Brennan, J. M.; and van Bronswijk, J. E. M. H., 1975, J. Med. Entom., v. 12 (2), 243-249
key
Glossophaga soricina
Micronycteris brachyotis
Phyllostomus elongatus
Trachops cirrhosus
all from Surinam
- Whartonia scarcella V.-G., 1963
Dusbabek, F., 1970, Folia Parasitol., v. 17 (1), 61-76
Rhinolophus hipposideros midas: Afghanistan

- [Wohlfahrtia] vol'farta
Tonkonozhenko, A. P.; et al., 1977, Veterinaria, Moskva (6), 41-42
[Wohlfahrtia] myiasis, sheep, treatment with Bac[illus] thuringiensis exotoxin as dust
- Wohlfahrtia magnifica
Lim, S. T., 1974, Singapore Dent. J., v. 13 (2), 33-34
myiasis, human oral infestation, clinical aspects, treatment, literature review
- Wohlfahrtia magnifica
Splisteser, H.; and Graefe, D., 1977, Monatsh. Vet.-Med., v. 32 (23), 911-914
large-scale control of ectoparasites, farm animals, equipment for administering powder preparations under extreme cold weather conditions of Mongolian People's Republic
- Wohlfahrtia magnifica Schin.
Ternovoi, V. I., 1978, Entom. Obozr., v. 57 (3), 481-487
Wohlfahrtia magnifica, pupal diapause, autumn temperatures and photoperiod as factors, practical importance of stronger autumn control measures to prevent population buildup
- Xenobalanus sp.
Dailey, M. D.; and Walker, W. A., 1978, J. Parasitol., v. 64 (4), 593-596
60 stranded and 31 control cetaceans, parasites recovered, associated pathology, role of parasites as possible contributing factor in stranding behavior
Delphinus delphis
Lagenorhynchus obliquidens
Lissodelphis borealis
all from southern California
- Xenodaeria Jordan
Mardon, D. K., 1978, J. Austral. Entom. Soc., v. 17 (4), 379-383
genitalic characters of genera of Doratopsyllinae compared
- Xenodaeria telios Jordan 1932
Smit, F. G. A. M., 1977, Senckenbergiana Biol., v. 58 (1-2), 45-53
Crocidura sp.: Kashmir
- Xenodaeria telios Jordan, 1932
Smit, F. G. A. M., 1978, J. Nat. Hist., v. 11 (6), 693-702
Soriculus caudatus: Dhaulagiri region of western Nepal
- Xenopsylla
Isaacson, M.; et al., 1976, South African Med. J., v. 50 (24), 929-932
Dinopsyllus ellobius and pooled Xenopsyllas, vectors of Yersinia pestis, survey of bubonic/pneumonic plague epidemic in Lesotho
- Xenopsylla Glinkiewicz, 1907
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
Pulicidae, Xenopsyllinae, key
key to species, conformis group and cheopis group, Afghanistan
- Xenopsylla
Zolotova, S. I.; Maslennikova, Z. P.; and Afanas'eva, O. V., 1978, Zool. Zhurnal, v. 57 (11), 1663-1667
Xenopsylla, numbers of generations in northern desert subzone, overlapping of generations, overwintering: Bakanassk GMS
- Xenopsylla astia
Brooks, J. E.; et al., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (3), 335-344
Xenopsylla cheopis, X. astia, vectors of plague in small mammals, seasonal distribution of plague-positive animals followed closely the peak index of fleas on the animals: Rangoon, Burma
- Xenopsylla astia
Kamala Bai, M.; and Prasad, R. S., 1979, Entom. Exper. et Applic., v. 26 (1), 80-84
Xenopsylla cheopis, X. astia, role of dietary components in vitellogenesis
- Xenopsylla astia Rothschild, 1911, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Tatera indica
Felis chaus
F. libyca
Herpestes auro-punctatus
Vulpes vulpes
Hyaena hyaena
Vormela peregusna
+rodents (burrows)
Gerbillus nanus
Meriones crassus
M. libycus
all from Afghanistan
- Xenopsylla astia Rothschild
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Mus platythrix
Rattus rattus
Suncus murinus
Tatera indica
all from Maharashtra State, India
- X[enopsylla] astia
Thaung, U.; et al., 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 390-397
X[enopsylla] cheopis, X. astia, collection from small mammals during plague outbreak, some resistance to DDT: Hlegu, Burma
- Xenopsylla astia Rothschild, 1911, illus.
Thomas, C.; and Prasad, R. S., 1978, Experientia, v. 34 (11), 1440-1441
Xenopsylla astia, populations from different localities, differences in chromosome numbers, morphological differences; sterility in hybrids between the two populations: Bombay; Trivandrum
- Xenopsylla astia
Tun, M. M.; and King, R. E., 1979, Southeast Asian J. Trop. Med. and Pub. Health, v. 10 (4), 505-509
Xenopsylla astia, X. cheopis on Bandicota bengalensis, data on host-parasite relationships: Rangoon, Burma

- Xenopsylla astia*
Walton, D. W.; and U Maung Maung Tun, 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 369-377
fleas of small mammals, prevalence, intensity, monthly fluctuations, sex ratios, potential public health importance as vectors of human plague
Rattus rattus
R. exulans
R. norvegicus
Bandicota bengalensis
Suncus murinus
all from Rangoon, Burma
- Xenopsylla australiaca*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Rattus sordidus
R. rattus
Melomys littoralis
Melomys spp.
all from Queensland, Australia
- Xenopsylla brasiliensis*
Siongok, T. K. A.; Njagi, A. M.; and Masaba, S., 1977, East African Med. J., v. 54 (12), 694-699
Xenopsylla spp., survey of small mammals and their ectoparasites for evidence of plague in area of proposed reservoir; *X. cheopis* which is an efficient vector of plague found in abundance
Praomys natalensis
Tatera robusta
all from upper areas of Tana River, Kenya
- Xenopsylla brasiliensis*
Viljoen, S., 1977, Zool. Afric., v. 12 (2), 498-500
monthly distribution
Paraxerus cepapi cepapi: Transvaal
- Xenopsylla cheopis*
Bibikova, V. A.; and Klassovskii, L. N., 1972, Parazitologiya, Leningrad, v. 6 (3), 229-236
development of plague microbe in fleas, literature review with some original studies
- Xenopsylla cheopis*
Brooks, J. E.; et al., 1977, Southeast Asian J. Trop. Med. and Pub. Health, v. 8 (3), 335-344
Xenopsylla cheopis, *X. astia*, vectors of plague in small mammals, seasonal distribution of plague-positive animals followed closely the peak index of fleas on the animals: Rangoon, Burma
- Xenopsylla cheopis* (Rothschild)
Crum, G. E.; Knapp, F. W.; and White, G. M., 1974, J. Med. Entom., v. 11 (1), 88-94
Ctenocephalides felis and *Xenopsylla cheopis*, response to electromagnetic radiation of 300-700 nm (intensity, light versus dark, light comparison, and color vision tests), *C. felis* is photopositive, *X. cheopis* is photonegative
- Xenopsylla cheopis*
Fain, A.; and Schwan, T. G., 1976, Rev. Zool. Africaine, v. 90 (3), 634-639
Arvicantis niloticus
Otomys irroratus
all from Kenya
- Xenopsylla cheopis*
Kamala Bai, M.; and Prasad, R. S., 1979, Entom. Exper. et Applic., v. 26 (1), 80-84
Xenopsylla cheopis, *X. astia*, role of dietary components in vitellogenesis
- Xenopsylla cheopis*
Kozlov, M. P.; and Rozanova, G. N., 1974, Parazitologiya, Leningrad, v. 8 (3), 254-260
flea vectors, plague block formation
- Xenopsylla cheopis*
Reitblat, A. G.; Kalmykova, N. P.; and Emel'ianov, P. F., 1978, Zool. Zhurnal, v. 57 (11), 1732-1735
mites from nests of suslik, feeding on flea eggs and larvae and blood and albumen, comments on regular feeding habits; possible influence on flea populations
- Xenopsylla cheopis*
Schechter, M. S.; et al., 1974, J. Med. Entom., v. 11 (2), 231-233
d-phenothrin, aircraft disinsection trials, not effective against *Xenopsylla cheopis* and *Rhipicephalus sanguineus*
- Xenopsylla cheopis*
Siongok, T. K. A.; Njagi, A. M.; and Masaba, S., 1977, East African Med. J., v. 54 (12), 694-699
Xenopsylla spp., survey of small mammals and their ectoparasites for evidence of plague in area of proposed reservoir; *X. cheopis* which is an efficient vector of plague found in abundance
Arvicantis niloticus
Praomys natalensis
Tatera robusta
Lemniscomys striatus
all from upper areas of Tana River, Kenya
- Xenopsylla cheopis* Rothschild
Srivastva, S. P.; and Wattal, B. L., 1975, Indian J. Entom., v. 35 (4), 1973, 306-324
Rattus melta *melta*
Rattus rattus
Suncus murinus
Tatera indica
Nesokia indica
all from Maharashtra State, India
- X[enopsylla] *cheopis*
Thaung, U.; et al., 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 390-397
X[enopsylla] *cheopis*, *X. astia*, collection from small mammals during plague outbreak, some resistance to DDT: Hlegu, Burma
- Xenopsylla cheopis*
Tun, M. M.; and King, R. E., 1979, Southeast Asian J. Trop. Med. and Pub. Health, v. 10 (4), 505-509
Xenopsylla astia, *X. cheopis* on *Bandicota bengalensis*, data on host-parasite relationships: Rangoon, Burma
- X[enopsylla] *cheopis*
Voronova, G. A.; and Feoktistov, A. Z., 1978, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (2), 97-100
fleas, *Yersinia pestis* subcultures isolated

- Xenopsylla cheopis*
Walton, D. W.; and U Maung Maung Tun, 1978, Southeast Asian J. Trop. Med. and Pub. Health, v. 9 (3), 369-377
fleas of small mammals, prevalence, intensity, monthly fluctuations, sex ratios, potential public health importance as vectors of human plague
Rattus rattus
R. exulans
R. norvegicus
Bandicota bengalensis
Suncus murinus
all from Rangoon, Burma
- Xenopsylla conformis*
Chumakova, I. V.; and Kozlov, M. P., 1979, Entom. Obozr., v. 58 (2), 244-247
fleas, stability of sex ratio and its significance in reproduction
- Xenopsylla conformis*
Emel'ianov, P. F.; et al., 1978, Biol. Zhurnal Armenii, v. 31 (9), 901-909
fleas of *Meriones persicus*, role of host in focality of plague: Transcaucasia
- Xenopsylla conformis*
Kir'iakova, A. N.; Koptsev, L. A.; and Koptseva, Z. G., 1970, Parazitologiya, Leningrad, v. 4 (6), 528-536
Xenopsylla spp., occurrence and timing of one generation per year, implications for role of fleas in disease transmission: northern Kzylkum
- Xenopsylla conformis*
Morozov, Iu. A.; Rapoport, L. P.; and Kovtun, I. P., 1972, Parazitologiya, Leningrad, v. 6 (4), 334-337
flea exchange between *Rhombomys opimus* and *Citellus fulvus* studied by radioisotope tracing: Prichuisk Muyunkum
- Xenopsylla conformis*
Samurov, M. A., 1977, Zool. Zhurnal, v. 56 (11), 1649-1653
Xenopsylla conformis, population density increases and decreases, yearly cycles and distribution, statistical prediction method, possible factors: Volga-Ural sands
- Xenopsylla conformis conformis* (Wagner, 1903), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: *Pulex conformis* Wagner, 1903
Cricetulus migratorius
Meriones libycus
Vulpes vulpes
Allactaga hotsoni
Jaculus blanfordi
Meriones crassus
Felis libyca
Meriones persicus
+*Meriones* sp. (nest)
Microtus afghanus
Tatera indica
+rodent (burrow)
Gerbillus cheesmani
G. nanus
Rhombomys opimus
Meriones zarudnyi
all from Afghanistan
- Xenopsylla debilis*
Siongok, T. K. A.; Njagi, A. M.; and Masaba, S., 1977, East African Med. J., v. 54 (12), 694-699
Xenopsylla spp., survey of small mammals and their ectoparasites for evidence of plague in area of proposed reservoir; *X. cheopis* which is an efficient vector of plague found in abundance
Tatera robusta: upper areas of Tana River, Kenya
- Xenopsylla gerbilli gerbilli* (Wagner, 1903), *illus.*
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: *Pulex gerbilli* Wagner, 1903
Allactaga elator
Rhombomys opimus
Spermophilopsis leptodactylus
Vulpes vulpes
Meriones zarudnyi
all from Afghanistan
- Xenopsylla gerbilli gerbilli*
Zagniborodova, I. N., 1978, Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk (2), 67-71
Xenopsylla hirtipes, *X. g. gerbilli*, age (stage) and physiological (fat body score) characteristics of population in various months of the year, significance in plague prophylaxis: Karakum, Turkmenia
- Xenopsylla gerbilli minax*
Alekseev, A. N.; et al., 1972, Parazitologiya, Leningrad, v. 6 (4), 338-345
Xenopsylla gerbilli minax, bactericidal factor in intestine, destroys *Pasteurella pestis*
- Xenopsylla gerbilli minax*
Morozov, Iu. A.; Rapoport, L. P.; and Kovtun, I. P., 1972, Parazitologiya, Leningrad, v. 6 (4), 334-337
flea exchange between *Rhombomys opimus* and *Citellus fulvus* studied by radioisotope tracing: Prichuisk Muyunkum
- Xenopsylla hirtipes*
Kir'iakova, A. N.; Koptsev, L. A.; and Koptseva, Z. G., 1970, Parazitologiya, Leningrad, v. 4 (6), 528-536
Xenopsylla spp., occurrence and timing of one generation per year, implications for role of fleas in disease transmission: northern Kzylkum
- Xenopsylla hirtipes*
Zagniborodova, I. N., 1978, Izvest. Akad. Nauk Turkmen. SSR, s. Biol. Nauk (2), 67-71
Xenopsylla hirtipes, *X. g. gerbilli*, age (stage) and physiological (fat body score) characteristics of population in various months of the year, significance in plague prophylaxis: Karakum, Turkmenia
- Xenopsylla humilis*
Siongok, T. K. A.; Njagi, A. M.; and Masaba, S., 1977, East African Med. J., v. 54 (12), 694-699
Xenopsylla spp., survey of small mammals and their ectoparasites for evidence of plague in area of proposed reservoir; *X. cheopis* which is an efficient vector of plague found in abundance
Arvicanthis niloticus
Tatera robusta
all from upper areas of Tana River, Kenya

- Xenopsylla magdalinae* Ioff, 1935, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Ellobius fuscocapillus
E. talpinus
all from Afghanistan
- Xenopsylla nesokiae* Ioff, 1946, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Nesokia indica
Felis chaus
F. libyca
Vulpes vulpes
Meriones libycus
all from Afghanistan
- Xenopsylla nubica* (Rothschild, 1903), illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Syn.: *Pulex nubicus* Rothschild, 1903
+*Jaculus blanfordi* (nests, burrows)
Vulpes vulpes
all from Afghanistan
- Xenopsylla nubica* (Rothsch.)
Misonne, X., 1977, Ann. Soc. Belge Med. Trop., v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Gerbillus gerbillus
Jaculus jaculus
all from Libye
- Xenopsylla nubicus*
Siongok, T. K. A.; Njagi, A. M.; and Masaba, S., 1977, East African Med. J., v. 54 (12), 694-699
Xenopsylla spp., survey of small mammals and their ectoparasites for evidence of plague in area of proposed reservoir; *X. cheopis* which is an efficient vector of plague found in abundance
Praomys natalensis: upper areas of Tana River, Kenya
- Xenopsylla nuttalli*
Gerasimova, N. G., 1971, Parazitologiya, Leningrad, v. 5 (2), 137-139
Xenopsylla skrjabini, X. nuttalli, females, rate of maturation (as assessed by darkening of spermatheca) depends upon number of feedings and environmental temperature
- Xenopsylla nuttalli* Ioff
Gerasimova, N. G.; and Gavrikova, E. A., 1970, Parazitologiya, Leningrad, v. 4 (4), 385-388
Xenopsylla skrjabini, X. nuttalli, longevity of males and females at different temperatures and humidities under laboratory conditions
- Xenopsylla persica* Ioff, 1946, illus.
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64, Sept. 14, 1-161
key
Meriones persicus
Vulpes vulpes
all from Afghanistan
- Xenopsylla ramesis* (Rothsch.)
Misonne, X., 1977, Ann. Soc. Belge Med. Trop., v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Gerbillus pyramidum
Meriones shawi
all from Libye
- Xenopsylla skrjabini*
Gerasimova, N. G., 1971, Parazitologiya, Leningrad, v. 5 (2), 137-139
Xenopsylla skrjabini, X. nuttalli, females, rate of maturation (as assessed by darkening of spermatheca) depends upon number of feedings and environmental temperature
- Xenopsylla skrjabini* Ioff
Gerasimova, N. G.; and Gavrikova, E. A., 1970, Parazitologiya, Leningrad, v. 4 (4), 385-388
Xenopsylla skrjabini, X. nuttalli, longevity of males and females at different temperatures and humidities under laboratory conditions
- Xenopsylla skrjabini* Ioff
Kir'iakova, A. N.; et al., 1974, Parazitologiya, Leningrad, v. 8 (2), 157-163
Xenopsylla skrjabini and *Coptopsylla lamelifer* on *Rhombomys opimus* and in its colonies, evaluation of effectiveness of deep-dusting with DDT as possible anti-plague measure: Aral-Kum and Dulan, Priaral'sk Karakum
- Xenopsylla skrjabini*
Protopopian, M. G.; et al., 1975, Parazitologiya, Leningrad, v. 9 (2), 165-174
specific composition of arthropod populations inhabiting burrows of *Rhombomys opimus* in natural plague nidus, different ecological groups, structure of microbiocoenosis: Caspian part of Ural-Embinsk inter-river area
- Xenopsylla skrjabini*
Zolotova, S. I.; Maslennikova, Z. P.; and Afanas'eva, O. V., 1978, Zool. Zhurnal, v. 57 (11), 1663-1667
Xenopsylla, numbers of generations in northern desert subzone, overlapping of generations, overwintering: Bakanassk GMS
- Xenopsylla taractes* (J. & R.)
Misonne, X., 1977, Ann. Soc. Belge Med. Trop., v. 57 (3), 163-168
fleas, survey and ecological study of newly developed plague area, danger for future epidemics
Jaculus jaculus
Meriones shawi
all from Libye
- Xenopsylla vexabilis*
Robinson, J. F.; et al., 1978, Tr. Roy. Soc. South Australia, v. 102 (3-4), 59-70
Isoodon macrourus: Queensland
Dasyurus hallucatus: Queensland
Rattus fuscipes fuscipes: Western Australia
R. sordidus: Queensland
R. villosissimus: Queensland
R. tunneyi culmorum: Queensland
R. rattus: Queensland
Hydromys chrysogaster: Queensland
Pseudomys praeconis: Western Australia
Melomys littoralis: Queensland
all from Australia

- Xenopsyllinae
Lewis, R. E., 1973, Fieldiana: Zoology, v. 64,
Sept. 14, 1-161
Pulicidae, key
key to genera, Afghanistan
- Xenoryctes krameri (Mich.)
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Xenoryctes krameri
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis
Pitymys subterraneus
Apodemus tauricus
Apodemus sylvaticus
Apodemus agrarius
Sorex araneus
Sorex minutus
Sorex alpinus
Neomys fodiens
all from Gory Sowie (Middle Sudetes), Poland
- Xenoryctes latiporus
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Mustela frenata: Indiana
- Xenoryctes punctatus Fain
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 377-427
Clethrionomys glareolus
Apodemus tauricus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Xenoryctes punctatus
Haitlinger, R., 1977, Polskie Pismo Entom.,
v. 47 (3), 429-485
Clethrionomys glareolus
Apodemus tauricus
Sorex araneus
all from Gory Sowie (Middle Sudetes), Poland
- Xiphiopsylla levis
Fain, A.; and Beaucournu, J. C., 1976, Rev.
Zool. Africaine, v. 90 (1), 181-187
Lophuromys: Tshibati, Province du Kivu,
Zaire, Afrique
- Xiphiopsylla tumida Smit, 1960
Smit, F. G. A. M., 1976, Rev. Zool. Africaine,
v. 90 (1), 46-52
rodents: Olkokola, Tanzania
- Xiphiopsyllidae Wagner, 1939
Lewis, R. E., 1974, J. Med. Entom., v. 11 (4),
403-413
Coptopsyllidae, Pygiopsyllidae, Stephanocir-
cidae, Xiphiopsyllidae, world-wide distribu-
tion by zoogeographic regions, host prefer-
ences; list of genera and species
- Xoloptes forcipatus Trouessart & Neumann, 1888
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], Acarologia, v. 14 (3), 1972, 393-453
as syn. of Crypturolichus forcipatus (Troues-
sart & Neumann, 1888) [n. comb.]
- Yunkeracarus faini (Hyland & Clark)
McDaniel, B., 1979, Southwest. Nat., v. 24
(4), 689-691
Peromyscus leucopus: Brookings, Brookings
Co., South Dakota; Agua Dulce, Neuces Co.,
Texas
- Zachvatkinia [sp.]
Fitzpatrick, C.; and Threlfall, W., 1977,
Canad. J. Zool., v. 55 (7), 1205-1209
Oceanodroma leucorhoa (remiges, between barbs
of primaries): Gull Island, Witless Bay,
Newfoundland, Canada
- Zibethacarus ondatrae
Whitaker, J. O., jr., 1977, Proc. Indiana
Acad. Sc., v. 86, 1976, 193-198
Rattus norvegicus: Indiana
- Zibethacarus ondatrae
Whitaker, J. O., jr.; and Goff, R., 1979,
J. Med. Entom., v. 15 (5-6), 425-430
Mustela vison
M. frenata
M. nivalis
all from Indiana
- Zibethacarus ondatrae
Whitaker, J. O., jr.; Jones, G. S.; and Goff,
R. J., 1977, Proc. Indiana Acad. Sc., v. 86,
1976, 501-507
Didelphis virginiana: Indiana
- Zonesathes n. g.
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturoptidae n. fam.
key, tod: Z. hipposiderus n. sp.
- Zonesathes hipposiderus n. sp. (tod), illus.
Gaud, J.; Atyeo, W. T.; and Berla, H. F.,
[1973], Acarologia, v. 14 (3), 1972, 393-453
Crypturellus soui: Colombie (Petrolea,
Santander del Norte); Bresil (Cupido, Espi-
rito Santo)

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MESOZOA

Ciliocincta akkeshiensis spec. nov., illus.
Tajika, K. I., 1979, J. Fac. Sc. Hokkaido Univ., s. 6, Zool., v. 21 (4), 383-395
Coelogynoporiid[ae], probably *Invenusta* sp., *Vannuccia* sp., or *V. tripapillosa* (released through body wall): Cape Aikappu, Akkeshi, east Hokkaido, Japan

Dicyemnea coromandelensis n. sp., illus.
Kalavati, C.; Narasimhamurti, C. C.; and Suseela, T., 1978, Proc. Indian Acad. Sc., Sec. B, v. 87 (6), 161-167
Sepia elliptica: catches of Offshore Fishing Station at Visakhapatnam (Andhra Pradesh, India)

COELENTERATA

Hydrichthys sp.
Moser, M.; and Taylor, S., 1978, Canad. J. Zool., v. 56 (11), 2372-2376
Cardiodectes medusaeus on *Stenobranchius leucopsarus*, prevalence in different collection sites and seasons, effects on host (pathology, mortality, parasitic castration, promoting somatic growth); hyperparasitism of copepods by *Hydrichthys* sp.: off Los Angeles; off Santa Barbara; off San Diego

Polypodium hydriforme Ussov, illus.
Raikova, E. V., 1978, Tsitologiya, v. 20 (4), 384-390
Polypodium hydriforme, nematocyst development in parasitic stolon, electron microscopy

Polypodium hydriforme Ussov, illus.
Raikova, E. V.; Suppes, V. C.; and Hoffman, G. L., 1979, J. Parasitol., v. 65 (5), 804-810
description
Polyodon spathula (eggs): Osage River, Missouri

PLATYHELMINTHES

Fecampia Giard, 1886
Christensen, A. M.; and Kannevorff, B., 1964, *Ophelia*, v. 1 (1), 147-166
Fecampidae
diagnosis

Fecampia balanicola sp. nov., illus.
Christensen, A. M.; and Hurley, A. C., 1977, Acta Zool. Fennica (154), 119-128
Balanus pacificus (mantle cavity): off San Diego, California
B. trigonus (mantle cavity): southern California
Conopea galeata (mantle cavity): southern California
Membranobalanus orcutti: southern California
Megabalanus californicus (mantle cavity): southern California

Fecampia spiralis sp. n., illus.
Baylis, H. A., 1949, Proc. Linn. Soc. London, v. 161 (1), 64-71
Serolis schythei (towards the sides of the hinder thoracic segments, covering left eye, body cavity): Patagonian continental shelf

Fecampidae
Christensen, A. M.; and Kannevorff, B., 1964, *Ophelia*, v. 1 (1), 147-166
Dalyellioida
diagnosis, includes: *Fecampia*; *Glanduloderma*; *Kronborgia* gen. nov.

Glanduloderma Jaegersten, 1940
Christensen, A. M.; and Kannevorff, B., 1964, *Ophelia*, v. 1 (1), 147-166
Fecampidae
diagnosis

Kronborgia gen. nov.
Christensen, A. M.; and Kannevorff, B., 1964, *Ophelia*, v. 1 (1), 147-166
Fecampidae
tod: *K. amphipodicola* sp. nov.

Kronborgia amphipodicola gen. et sp. nov. (tod), illus.
Christensen, A. M.; and Kannevorff, B., 1964, *Ophelia*, v. 1 (1), 147-166
Ampelisca macrocephala
A. tenuicornis
Haploops tubicola
(body cavity of all): all from middle part of Øresund between Ven and Helsingborg

Kronborgia amphipodicola Christensen and Kannevorff, 1964, illus.
Køie, M.; and Bresciani, J., 1973, *Ophelia*, v. 12 (1-2), 171-203
Kronborgia amphipodicola, larva, ultrastructure, compared with other turbellarians and parasitic Platyhelminthes, scanning and transmission electron microscopy
Ampelisca macrocephala: near Knahaken in the middle part of the Øresund
Haploops tenuis (exper.)

Nemertosclex nov. gen.
Greeff, R., 1879, Nova Acta Acad. Nat. Curios., v. 41, pt. 2 (1), 1-172
Turbellarien
mt: *N. parasiticus* nov. gen. et nov. spec.

Nemertosclex parasiticus nov. gen. et nov. spec. (mt), illus.
Greeff, R., 1879, Nova Acta Acad. Nat. Curios., v. 41, pt. 2 (1), 1-172
Echiurus pallasii (Leibeshohle)

- Platyhelminthes
 Jennings, J. B., 1977, Acta Zool. Fennica (154), 63-79
 free-living and symbiotic Turbellaria, patterns of nutritional physiology, their implications for evolution of entoparasitism
- Syndesmis echinorum [n. sp.]
 Francois, P., 1886, Compt. Rend. Acad. Sc., Paris, v. 103, 752-754
 Echinus acutus (tube digestif): Banyuls
 E. sphaera: Manche
 Str[ongylocentrotus] lividus (intestin): Banyuls
- Syndesmis echinorum Francois 1886, illus.
 Lamas Seco, A.; and Rodriguez Babio, C., 1978, Rev. Iber. Parasitol., v. 38 (1-2), 165-192
 Syndesmis echinorum, description, morphology
 Paracentrotus lividus
 Psammochinus miliaris
 all from litoral gallego, Espana
- Temnocephala dendyi, illus.
 Williams, J. B., 1978, Austral. J. Zool., v. 26 (2), 217-224
 Temnocephala dendyi, epidermal surface, scanning electron microscopy
 Cherax destructor (abdominal surface)
- Temnocephala dendyi, illus.
 Williams, J. B., 1979, Austral. J. Zool., v. 27 (4), 483-499
 Temnocephala dendyi, ultrastructure of epidermis, role of Golgi apparatus in autolysis
 Cherax destructor
- MOLLUSCA
- Annulobalcis prionocidaricola Habe, 1974, illus.
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Prionocidaris baculosa annulifera (among spines): Nada, Gobo City, Wakayama Pref., Honshu
- Annulobalcis yamamotoi Habe, 1974
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Tropiometra afra macrodiscus (on arms): Wakayama Pref. to Miura Peninsula, Honshu
- Anodonta cygnea
 Dartnall, H. J. G.; and Walkey, M., 1979, J. Zool., London, v. 189 (1), 31-37
 Anodonta cygnea glochidia on Gasterosteus aculeatus, incidence and intensity, seasonal variation, effect of fish size, distribution on host: Shoulder of Mutton Pond in Epping Forest, Essex
- Anodonta cygnea L.
 Iziumova, N. A.; Mashtakov, A. V.; and Kashkovskii, V. V., 1977, Inform. Biul. Inst. Biol. Vnutren. Vod, Akad. Nauk SSSR (36) 64-68
 [Lucioperca lucioperca] (gills): Kamsk reservoir
- Anodonta imbecilis, illus.
 Stern, E. M.; and Felder, D. L., 1978, Am. Midland Naturalist, v. 100 (1), 233-236
 Gambusia affinis
 Lepomis gulosus
 L. macrochirus
 L. marginatus
 (fins of all): all from East Baton Rouge Parish, Louisiana
- Anodonta yukonensis
 Makhovenko, E. T., 1972, Parazitologiya, Leningrad, v. 6 (4), 369-375
 Salvelinus alpinus inhabiting different ecological niches, possible use of differences in parasite fauna between groups as biological tags: Lake Azabach'e, Kamchatka
- Balcis akauni Habe, 1952
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 as syn. of Curveulima akauni (Habe, 1952)
- Balcis astropectenicola Kuroda et Habe, 1950
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Astropecten polyacanthus
 Luidia maculata
 L. quinaria
 Asterias amurensis
 (oral side of all): all from Japan
- Balcis clypeastericola sp. nov., illus.
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Clypeaster japonicus (oral side): Nada, Gobo City, Wakayama Pref., Honshu
- Balcis komaii Habe, 1950
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 as syn. of Curveulima komaii (Habe, 1950)
- Balcis kuronamako Habe, 1952
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Holothuria leucospilota (surface): Shirahama, Morotsu, Fukuro and Satono, Wakayama Pref., Honshu, and Kushikino, Kyushu
- Balcis peronellicola Kuroda et Habe, 1950
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Peronella japonica (oral side): Kyushu to Honshu (north to Boso Peninsula on the Pacific coast)
- Balcis robusta (A. Adams, 1861)
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Syn.: Eulima robusta A. Adams, 1861
 Astropecten polyacanthus (oral side): Shirahama, Wakayama Pref., and Ago Bay, Mie Pref., Honshu, and Amakusa, Kyushu
- Balcis shibana (Yokoyama, 1927)
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Syn.: Eulima (Leiostraca) shibana Yokoyama, 1927
 sea-cucumber, deep sea (surface): Amadaiba in Sagami Bay, Honshu
- Balcis soliduloides Habe, 1951
 Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
 Holothuria atra
 Bohadschia argus
 Stichopus chloronotus
 (surface of all): all from Japan

- Balcis teramachii* Habe, 1952
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Mesothuria parva (on surface): Tosa Bay, Shikoku, and Wakayama Pref., Honshu
- Balcis yamazii* Habe, 1952
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Holothuria moebii (on surface): Shirahama and Ugui, Wakayama Pref., Honshu
- Carunculina texasensis*, illus.
Stern, E. M.; and Felder, D. L., 1978, Am. Midland Naturalist, v. 100 (1), 233-236
Lepomis gulosus
L. macrochirus
(gill filaments of all): all from East Baton Rouge Parish, Louisiana
- Curveulima akauni* (Habe, 1952)
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Syn.: *Balcis akauni* Habe, 1952
Pseudocentrotus depressus
Temnotrema rubrum
Tripneustes gratilla
(among spines of all): all from Wakayama Pref., Honshu
- Curveulima aurata* (S. Hirase, 1920)
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Syn.: *Melanella aurata* S. Hirase, 1920
Anthocardaris crassispina (among spines)
Stomopneustes variolaris (among spines)
Hemicentrotus pulcherrimus
all from rocky shore of Japan
- Curveulima echinocardiophila* sp. nov.
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Echinocardium cordatum: off Saijo City in Hiuchi-Nada of Seto-Naikai (Inland Sea of Japan) between Honshu and Shikoku at muddy bottom of 17m deep
- Curveulima komaii* (Habe, 1950)
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Syn.: *Balcis komaii* Habe, 1950
Comanthus japonica (arm): Minabe and Shirahama, Wakayama Pref., to Sagami Bay, Honshu
- Curveulima langfordi* (Dall, 1925)
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Syn.: *Strombiformis langfordi* Dall, 1925
Anthocardaris crassispina: Shimoda, Izu Peninsula, Honshu
- Curveulima nishimurai* Habe, 1958
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Hemicentrotus pulcherrimus (among spines): Oga Peninsula, Akita Pref., Honshu
- Echineulima eburnea* (Deshayes, 1863), illus.
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
synonymy
Heterocentrotus mammillatus
H. trigonarius
(on oral side of all): all from Japan
- Echineulima mittrei* (Petit, 1851)
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
synonymy
Diadema setosum (on oral side): Japan
- Echineulima tokii* (Habe, 1974)
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
Syn.: *Stylapex tokii* Habe, 1974
Asthenosoma ijimai (on oral side): Nada, Wakayama Pref., Honshu
- Elliptio complanatus* (Solander)
Tedla, S.; and Fernando, C. H., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 833-843
parasite fauna of *Perca flavescens*, seasonal changes in incidence and intensity
Perca flavescens (gill filaments): Bay of Quinte, Lake Ontario
- Enteroxenos oestergreni* Bonnevie, 1902, illus.
Luetzen, J., 1979, *Ophelia*, v. 18 (1), 1-51
Enteroxenos oestergreni in *Stichopus tremulus* and *E. parastichopoli* in *Parastichopus californicus*, detailed life history, frequency, infection sites, reproduction, metamorphosis of male larvae completed by implantation in female's central cavity, biology and anatomy of male *E. oestergreni*; biology compared with other species of Entoconchidae; effect of *E. oestergreni* on host
Stichopus tremulus: Oslofjord, S. Norway
- Enteroxenos parastichopoli* (Tikasingsh), illus.
Luetzen, J., 1979, *Ophelia*, v. 18 (1), 1-51
Enteroxenos oestergreni in *Stichopus tremulus* and *E. parastichopoli* in *Parastichopus californicus*, detailed life history, frequency, infection sites, reproduction, metamorphosis of male larvae completed by implantation in female's central cavity, biology and anatomy of male *E. oestergreni*; biology compared with other species of Entoconchidae; effect of *E. oestergreni* on host
Parastichopus californicus: Puget Sound, Washington, U.S.A.
- Eulima robusta* A. Adams, 1861
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Balcis robusta* (A. Adams, 1861)
- Eulima* (Leiostraca) *shibana* Yokoyama, 1927
Habe, T., 1976, Bull. National Sc. Mus., Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Balcis shibana* (Yokoyama, 1927)
- Eulimidae* (sensu lato)
Ponder, W. F.; and Gooding, R. U., 1978, Pacific Science, v. 32 (2), 157-181
synonymy, diagnosis, comparison of main characters separating some of the genera
- Glochidia*
Cone, D. K.; and Anderson, R. C., 1977, Canad. J. Zool., v. 55 (9), 1410-1423
parasites of *Lepomis gibbosus*, prevalence and intensity in relation to host age and sex
Lepomis gibbosus (gill lamellae): Ryan Lake, Algonquin Park, Ontario
- Glochidia*
Fryer, G., 1970, Symposia Brit. Soc. Parasitol., v. 8, 103-118
parasitism of freshwater fishes by crustaceans and molluscs, geographical distribution, biological aspects, brief review
- Glochidium* sp.
Astakhova, T. V.; and Stepanova, G. A., 1972, Parazitologiya, Leningrad, v. 6 (4), 364-368
Ctenopharyngodon idella (skin): pond and spawning-nursery fisheries, Volga delta

- Glochidia* [sp.] larvae
Lester, R. J. G., 1974, *Syesis*, v. 7, 195-200
Gasterosteus aculeatus (gills, fins, body surface): near Vancouver, British Columbia
- Glochidia* [sp.], unidentified
Tedla, S.; and Fernando, C. H., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 833-843
parasite fauna of *Perca flavescens*, seasonal changes in incidence and intensity
Perca flavescens (fins and gill filaments): Bay of Quinte, Lake Ontario
- Goodingia ophiuraphilia* (Habe, 1974), *illus.*
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
Syn.: *Mucronalia ophiuraphila* Habe, 1974
Ophiothrix koreana (on disc edge): Wakayama Pref. to Sagami Bay, Honshu
- Granulithyca* genus nov.
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
Stiliferidae
tod: *Granulithyca nardoafrianti* sp. nov.
- Granulithyca nardoafrianti* sp. nov. (tod), *illus.*
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
Nardoafrianti (on arms): Sakai, Minabe, Wakayama Pref., Honshu
- Kiramodulus lacteus* Kuroda, 1949, *illus.*
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
Aphroditaster sp. (on surface): Tosa Bay, Shikoku, to Enshu-Nada, Honshu
- Lampsilis radiata* (Gmelin 1792)
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1235-1240
spatial distribution of gill parasites
Lepomis gibbosus
Ambloplites rupestris
all from Ontario
- Lampsilis radiata*
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1247-1250
gill parasites of *Lepomis gibbosus*, role of season, habitat, host age, and sex: Ontario, Canada
- Lampsilis radiata*
Hanek, G.; and Fernando, C. H., 1978, *Canad. J. Zool.*, v. 56 (6), 1251-1253
gill parasites of *Ambloplites rupestris*, role of season, habitat, host age, and sex: Bay of Quinte, and West Lake, Ontario
- Lampsilis radiata siliquoides* (Barnes)
Tedla, S.; and Fernando, C. H., 1969, *J. Fish. Research Bd. Canada*, v. 26 (4), 833-843
parasite fauna of *Perca flavescens*, seasonal changes in incidence and intensity
Perca flavescens (gill filaments): Bay of Quinte, Lake Ontario
- Leiostraca* (*Mucronalia*) *lactea* A. Adams, 1863
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
as syn. of *Mucronalia lactea* (A. Adams, 1863)
- Ligumia subrostrata*, *illus.*
Stern, E. M.; and Felder, D. L., 1978, *Am. Midland Naturalist*, v. 100 (1), 233-236
Lepomis gulosus
L. macrochirus
L. cyanellus
(gill filaments of all): all from East Baton Rouge Parish, Louisiana
- Margaritana margaritifera*
Grozdilova, T. A., 1974, *Parazitologiya, Leningrad*, v. 8 (4), 293-298
Oncorhynchus gorbusha: White Sea; Umba [and/or] Keret rivers
- Margaritifera margaritifera*, *illus.*
Fustish, C. A.; and Millemann, R. E., 1978, *J. Parasitol.*, v. 64 (1), 155-157
Margaritifera margaritifera glochidia, host response to exper. infection, well developed hyperplasia in *Oncorhynchus kisutch* compared with slight response in *O. tshawytscha*, may be important in greater resistance of former host to infection
- Margaritifera margaritifera*, *illus.*
Karna, D. W.; and Millemann, R. E., 1978, *J. Parasitol.*, v. 64 (3), 528-537
Margaritifera margaritifera, comparative susceptibility of 4 species of salmonid fish determined by examination of caged and uncaged (native) fish, parasite development and associated histopathology, glochidia development in mussels in relation to temperature
Oncorhynchus tshawytscha
O. kisutch
Salmo clarki
S. gairdneri
(gills of all): all from Siletz River, western Oregon
- Melanella aurata* S. Hirase, 1920
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
as syn. of *Curveulima aurata* (S. Hirase, 1920)
- Melanellidae
Ponder, W. F.; and Gooding, R. U., 1978, *Pacific Science*, v. 32 (2), 157-181
as syn. of *Eulimidae* (sensu lato)
- Mollusca
Fryer, G., 1970, *Symposia Brit. Soc. Parasitol.*, v. 8, 103-118
parasitism of freshwater fishes by crustaceans and molluscs, geographical distribution, biological aspects, brief review
- Mucronalia exilis* A. Adams, 1862
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
Amphioplus miyadaii (on disc edge): Kyushu to Honshu (north to Wakayama Pref.)
- Mucronalia gigas* Kuroda et Habe 1950
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
sea-cucumber, undetermined: Miyako Islands, Ryukyu chain
- Mucronalia lactea* (A. Adams, 1863)
Habe, T., 1976, *Bull. National Sc. Mus.*, Tokyo, s. A, *Zool.*, v. 2 (3), 157-168
Syn.: *Leiostraca* (*Mucronalia*) *lactea* A. Adams, 1863
Leptosynapta ooplax: Tanabe Bay, Wakayama Pref., and Mukaijima, Hiroshima Pref., Honshu

- Mucronalia mittrei*: Habe, 1944 (non Petit, 1851)
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Stylapex philippinarum* (Sowerby,
1900)
- Mucronalia ophiuraphila* Habe, 1974
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Goodingia ophiuraphilia* (Habe,
1974)
- Mucronalia philippinarum* Sowerby, 1900
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Stylapex philippinarum* (Sowerby,
1900)
- Mucronalia philippinarum* Schepman, 1909 (non
Sowerby, 1900)
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Echineulima eburnea* (Deshayes,
1863)
- Pseudoretusa* subgen. nov.
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
subgen. of *Pulicicochlea* gen. nov.
tod of subgen.: *Pulicicochlea* (*Pseudoretusa*)
fabia sp. nov.
- Pulicicochlea* gen. nov.
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
Eulimidae
tod: *Pulicicochlea* (*Pulicicochlea*) *calamaris*
sp. nov.
key to species
- Pulicicochlea sensu stricto*
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
subgen. of *Pulicicochlea* gen. nov.
- Pulicicochlea* (*Pulicicochlea*) *astropyga* sp. nov.,
illus.
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
key
Astropyga radiata: Fiji; Tahiti
- Pulicicochlea* (*Pulicicochlea*) *calamaris* sp. nov.
(tod), illus.
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
key
Echinotrix calamaris: Hawaiian Islands;
Papua; New Ireland; New Britain; New Caledonia;
Western Samoa
- Pulicicochlea* (*Pseudoretusa*) *fabia* sp. nov. (tod
of subgen.), illus.
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
key
Echinotrix diadema: Hawaiian Islands;
Admiralty Islands; New Ireland; New Britain;
Solomon Islands; New Caledonia; New Hebrides;
Fiji; Tonga; Western Samoa; Tuamotu
Archipelago; Society Islands; Marquesas
Islands; Gambier Islands; Line Islands
- Pulicicochlea* (*Pulicicochlea*) *fusca* sp. nov.,
illus.
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
key
Diadema setosum: New Britain; New Guinea;
Indonesia; Queensland, Australia; Papua;
Solomon Islands; Fiji
- Pulicicochlea* (*Pulicicochlea*) *fusca*, tentatively
identified
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
Diadema savignyi: New Caledonia
- Robillardia cernica* Smith, 1889
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
Heterocentrotus mammillatus: Japan
- Rosenia castanea* (Dall, 1925)
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
synonymy
Pseudocentrotus depressus (among spines):
Kyushu to Honshu (north to Boso Peninsula)
- Rosenia tokiokai* Habe, 1952
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Echineulima mittrei* (Petit, 1851)
- Rosenia yamamotoi* Habe, 1952
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
Temnotrema sculptum (among spines): Wakayama
Pref., and Oga Peninsula, Akita Pref.,
Honshu
- Stylifer astericola* H. et A. Adams, 1850
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Stylifer ovoideus* H. et A. Adams,
1850
- Stylifer castanea* Dall, 1925
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Rosenia castanea* (Dall, 1925)
- Stylifer celebensis* S. Hirase, 1932
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Stylifer ovoideus* H. et A. Adams,
1850
- Stylifer eburnea* Deshayes, 1863
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Echineulima eburnea* (Deshayes,
1863)
- Stylifer japonica* Sowerby, 1878
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Stylifer ovoideus* H. et A. Adams,
1850
- Stylifer kochiana* Sowerby, 1901
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
Syn.: *Stylifer utinomii* Habe, 1951
Linckia guildingii
L. laevigata
(gall of arms of all): all from Japan
- Stylifer mittrei* Petit, 1851
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Echineulima mittrei* (Petit, 1851)

- Stilifer ophidiastericola* Habe, 1951
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
Ophidiaster cribrularium
O. lorioli
O. confertus
O. granifer
(in gall on arms of all): all from Japan
- Stilifer ovoideus* H. et A. Adams, 1850
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
synonymy
Certonardoia semiregularis (in gall on arms):
Japan
- Stilifer ovoideus* H. et A. Adams, 1855
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Stilifer ovoideus* H. et A. Adams,
1850
- Stilifer perdepressus* Dall, 1925
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Rosenia castanea* (Dall, 1925)
- Stilifer sphaeroconchus* Habe, 1974
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
Tropimetra afra macrodiscus (gall on arm):
Nagashima-cho, Mie Pref., Honshu
- Stilifer utinomii* Habe, 1951
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Stilifer kochiana* Sowerby, 1901
- Stiliferidae**
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
as syn. of *Eulimidae* (sensu lato)
- Stilimella kawamurai* sp. nov.
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
sea-star, undetermined deep sea eight-armed:
off Choshi, Chiba Pref., Honshu, at about
150 m deep
- Strombiformidae**
Ponder, W. F.; and Gooding, R. U., 1978,
Pacific Science, v. 32 (2), 157-181
as syn. of *Eulimidae* (sensu lato)
- Strombiformis langfordi* Dall, 1925
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Curveulima langfordi* (Dall, 1925)
- Stylapex koyamai* sp. nov.
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
sea-cucumber, undetermined (on surface):
Tsui, Minabe, Wakayama Pref., Honshu
- Stylapex philippinarum* (Sowerby, 1900)
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
synonymy
Coscinasterias acutispina (on oral side):
Japan
- Stylapex tokii* Habe, 1974
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
as syn. of *Echineulima tokii* (Habe, 1974)
- Stylapex zebra* sp. nov., illus.
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
Ophiothrix sp. (on disc edge): Sakai, Mina-
be, Wakayama Pref., Honshu
- Stylifer*. See *Stilifer*.
- Thyca crystallina* (Gould, 1846)
Habe, T., 1976, Bull. National Sc. Mus.,
Tokyo, s. A, Zool., v. 2 (3), 157-168
synonymy
Linckia laevigata (on arms): Japan
- Thyonicola americana* Tikasingh
Luetzen, J., 1979, *Ophelia*, v. 18 (1), 1-51
Eupentacta quinquesemita: Puget Sound,
Washington, U.S.A.
- Uniomerus tetralasmus, illus.*
Stern, E. M.; and Felder, D. L., 1978, *Am.*
Midland Naturalist, v. 100 (1), 233-236
Notemigonus crysoleucas (gill filaments, gill
rakers): East Baton Rouge Parish, Louisiana
- Unionidae** sp.
Voigt, H. R., 1977, *Mem. Soc. Fauna et Flora*
Fennica, v. 53 (2), 113-115
Osmerus eperlanus: Tvarminne Storfjord,
Gulf of Finland
- Unionidae** [sp.], glochidium
Wierzbicki, K., 1970, *Acta Parasitol. Polon.*,
v. 18 (1-12), 45-55
Perca fluviatilis: Lake Dargin, Mazurian
Lakeland, Poland

ANNELIDA

- Acanthobdella livanowi*
Makhovenko, E. T., 1972, *Parazitologiya, Len-*
ingrad, v. 6 (4), 369-375
Salvelinus alpinus inhabiting different eco-
logical niches, possible use of differences
in parasite fauna between groups as biologi-
cal tags: Lake Azabach'e, Kamchatka
- Actinobdella* Moore, 1901
Daniels, B.; and Freeman, R. S., 1976, *Canad.*
J. Zool., v. 54 (12), 2112-2117
diagnosis emended, review
- Actinobdella inequiannulata* Moore, 1901, illus.
Daniels, B.; and Freeman, R. S., 1976, *Canad.*
J. Zool., v. 54 (12), 2112-2117
redescription
Syn.: *Actinobdella triannulata* Moore, 1924
Catostomus commersoni
C. catostomus
all from Algonquin Provincial Park, Ontario
- Actinobdella inequiannulata*
Deutsch, W. G., 1977, *Proc. Pennsylvania Acad.*
Sc., v. 51 (2), 122-124
Catostomus commersoni
Carpiodes cyprinus
(gills of all): all from Susquehanna
River, Pennsylvania
- Actinobdella triannulata* Moore, 1924
Daniels, B.; and Freeman, R. S., 1976, *Canad.*
J. Zool., v. 54 (12), 2112-2117
as syn. of *Actinobdella inequiannulata*
Moore, 1901

- Annelida
Sankurathri, C. S.; and Holmes, J. C., 1976, Canad. J. Zool., v. 54 (10), 1742-1753
parasites and commensals (Oligochaeta and larval Digenea) of *Physa gyrina* in control area vs. area affected by thermal effluents, prevalence, seasonal changes, interactions (including ingestion of cercariae by oligochete), ecological model: Lake Wabamun, Alberta
- Antarctobdella crozetensis n. sp., illus.
Sawyer, R. T., 1972, Hydrobiologia, v. 40 (3), 345-354
Notothenia coriiceps: Ile Possession, Crozet Islands
- ?Antarctobdella crozetensis
Sawyer, R. T., 1972, Hydrobiologia, v. 40 (3), 345-354
rock cod (pectoral fins): Marion Island
- Batrachobdella. See Batracobdella.
- Batracobdella picta
Desser, S. S., 1976, Canad. J. Zool., v. 54 (10), 1712-1723
Trypanosoma rotatorium in Batracobdella picta (gastric ceca) which had fed on infected *Rana clamitans*, ultrastructure of epimastigote stages
- Batrachobdella picta Verrill
Gill, D. E., 1978, J. Parasitol., v. 64 (5), 930-931
Rana sylvatica
R. clamitans
Ambystoma jeffersonianum
A. maculatum
all from George Washington National Forest, Rockingham County, Virginia
- Calliobdella nodulifera (Malm)
Threlfall, W., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 805-811
Squalus acanthias: Newfoundland
- Carcinobdella sp.
Meyers, T. R., 1978, Proc. Helminth. Soc. Washington, v. 45 (1), 120-128
Alosa pseudoharengus (gill filaments)
Merluccius bilinearis (gill arch)
all from Raritan Bay, New Jersey
- Chaetogaster limnaei (Baer, 1827), illus.
Machado, D. A. (filho), 1966, Atas Soc. Biol. Rio de Janeiro, v. 10 (3), 47-48
competition of *Chaetogaster limnaei* and *S[chistosoma] mansoni* in snail host
- Chaetogaster limnaei limnaei
Sankurathri, C. S.; and Holmes, J. C., 1976, Canad. J. Zool., v. 54 (10), 1742-1753
parasites and commensals (Oligochaeta and larval Digenea) of *Physa gyrina* in control area vs. area affected by thermal effluents, prevalence, seasonal changes, interactions (including ingestion of cercariae by oligochete), ecological model: Lake Wabamun, Alberta
- Chaetogaster limnaei vaghini
Sankurathri, C. S.; and Holmes, J. C., 1976, Canad. J. Zool., v. 54 (10), 1742-1753
parasites and commensals (Oligochaeta and larval Digenea) of *Physa gyrina* in control area vs. area affected by thermal effluents, prevalence, seasonal changes, interactions (including ingestion of cercariae by oligochete), ecological model: Lake Wabamun, Alberta
- Clepsine affinis Diesing, 1850
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Clepsine carinata Grube, 1871
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Clepsine catenigera Diesing, 1850
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Clepsine costata Fr. Mueller, 1846
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Cystobranthus Diesing, 1859
Meyer, M. C.; and Roberts, L. S., 1977, Publicaciones Espec. (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 513-517
definition
- Cystobranthus mammillatus (Malm, 1863), illus.
Meyer, M. C.; and Roberts, L. S., 1977, Publicaciones Espec. (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 513-517
description
Lota lota (inner surface of operculum): Mackenzie River near Aklavik, Northwest Territories, Canada
- Dinobdella ferox
Rijksen, H. D., 1978, Mededel. Landbouwhogeschool, Wageningen, v. 78 (2), 420 pp.
Pongo pygmaeus abelii (nasal cavity, pharynx): Ketambe area, Sumatra
- Erpobdella punctata
Palmieri, J. R.; and James, H. A., 1976, Great Basin Nat., v. 36 (1), 97-100
Apatemon gracilis in *Helobdella stagnalis*, *Placobdella parasitica*, and *Erpobdella punctata*, effects of leech behavior on cercarial penetration and localization
- Glossiphonia affinis Vaillant, 1890
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)

- Glossiphonia costata* Vaillant, 1890
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, *Freshwater Biol.*, Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Glossiphonia trisulcata* Baird, 1869
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, *Freshwater Biol.*, Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Haemadipsa picta*
Rijksen, H. D., 1978, *Mededel. Landbouwhogeschool, Wageningen*, v. 78 (2), 420 pp.
Pongo pygmaeus abelii (blood loss, skin): Ketambe area, Sumatra
- Haemadipsa zeylanica*
Rijksen, H. D., 1978, *Mededel. Landbouwhogeschool, Wageningen*, v. 78 (2), 420 pp.
Pongo pygmaeus abelii (blood loss, skin): Ketambe area, Sumatra
- Haementeria catenigera* Hecht, 1930
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, *Freshwater Biol.*, Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Haementeria costata* (Fr. Mueller, 1846), illus.
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, *Freshwater Biol.*, Oxford, v. 9 (5), 461-465
Haementeria costata, description, synonymy, key characters, distribution, habitat, and ecology: Britain
- Haementeria costata* Leuckart, 1863
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, *Freshwater Biol.*, Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Haementeria gracilis*
Pessoa, S. B.; and de Biasi, P., 1974, *Rev. Patol. Trop.*, v. 3 (2), 221-224
Leimadophis poecilogyrus (exper.)
- Helobdella stagnalis*
Palmieri, J. R.; and James, H. A., 1976, *Great Basin Nat.*, v. 36 (1), 97-100
Apatemon gracilis in *Helobdella stagnalis*, *Placobdella parasitica*, and *Erpobdella punctata*, effects of leech behavior on cercarial penetration and localization
- Helobdella stagnalis*
Reynoldson, T. B.; and Davies, R. W., 1976, *Canad. J. Zool.*, v. 54 (11), 1908-1911
freshwater leeches, comparative study of osmoregulatory ability, and its relationship to their distribution: Alberta
- Hemiclepsis marginata*
Letch, C. A., 1979, *Parasitology*, v. 79 (1), 107-117
Trypanosoma cobitis should be regarded as single species of trypanosome from 6 spp. of British fish on basis of morphology, isoenzyme patterns, and cross-transmission (by syringe passage of culture forms and by leech vector *Hemiclepsis marginata*), specific names *T. phoxini*, *T. elegans*, *T. barbataulae*, *T. occidentalis*, and *T. langeroni* "should be disregarded"
- [Hirudinea] leech
Khan, R. A., 1978, *J. Parasitol.*, v. 64 (1), 35-44
Lycodes lavalaei: Grand Banks, northwestern Atlantic Ocean, off Newfoundland
- [Hirudinea] leeches
Ritakumari, S. D.; and Nair, N. B., 1979, *Current Sc.*, Bangalore, v. 48 (2), 84-85
[Letter]
Noemacheilus triangularis (caudal peduncle, fins): south-west coast of India
- Hirudinea
Rusev, B.; and Ianeva, I., 1976, *Khidrobiologija, Sofia*, v. 3, 40-46
Hirudinea, review of species composition, distribution, and ecology: Bulgaria
- Histriobdella homari*
Boghen, A. D., 1978, *Canad. J. Zool.*, v. 56 (11), 2460-2462
prevalence in different host size classes
Homarus americanus (branchial chamber, gills): Northumberland Strait, southern Gulf of St. Lawrence
- Ichthyobdella uobir* Oka, 1910
Epshtein, V. M., 1973, *Parazitologija, Leningrad*, v. 7 (3), 286-292
as syn. of *Levinsenia rectangulata* (Levinsen, 1882)
- Johanssonia* sp.
Khan, R. A., 1977, *Canad. J. Zool.*, v. 55 (10), 1698-1700
Trypanosoma murmanensis, infectivity of different morphotypes in fish hosts to the leech vector (*Johanssonia* sp.)
- Johanssonia* sp.
Khan, R. A., 1978, *Canad. J. Zool.*, v. 56 (9), 2061-2063
Trypanosoma murmanensis, longevity in marine leech, *Johanssonia* sp., infection can persist through 5-6 host feedings, survival attributed to residual stages in proboscis
- Labrorostratus luteus* sp. n., illus.
Uebelacker, J. M., 1978, *J. Parasitol.*, v. 64 (1), 151-154
Haplosyllis spongicola (coelomic cavities): 1.5 km south of Lucaya, Grand Bahama Island
- Leeches. See [Hirudinea]
- Levinsenia rectangulata* (Levinsen, 1882), illus.
Epshtein, V. M., 1973, *Parazitologija, Leningrad*, v. 7 (3), 286-292
Levinsenia rectangulata, morphology, adaptation to parasitic mode of life, geographic distribution
Syn.: *Ichthyobdella uobir* Oka, 1910
[*Gadus morhua*]: region of Ust-Kamchatska
[*Theragra chalcogramma*]: region of Ust-Kamchatska; Bering Sea
- Limnatis fenestrata* Moore
Green, J., 1979, *J. Zool.*, London, v. 187 (1), 113-133
humans (legs): Lake Sonfon, Sula Mountains, Sierra Leone

- Malmiana brunnea*
Khan, R. A.; and Cowan, G. I. McT., 1976, *Canad. J. Zool.*, v. 54 (10), 1803-1805
Malmiana spp., *Oceanobdella* spp., micro starch-gel electrophoretic patterns of muscle myogens, possible tool for taxonomy of leeches
Myoxocephalus: off coastal Newfoundland
- Malmiana diminuta* Burreson
Burreson, E. M., 1979, *J. Protozool.*, v. 26 (3), 343-347
Trypanoplasma beckeri sp. n. in *Malmiana diminuta* (crop, proboscis sheath) (nat. and exper.) on *Scorpaenichthys marmoratus* (nat. and exper.): display tank at Oregon State University Marine Science Center Public Aquarium
- Malmiana scorpii*
Daily, D. D., 1978, *J. Parasitol.*, v. 64 (2), 361-362
Myoxocephalus octodecemspinosus (dorsal surface of head): Whiting Bay, Maine
- Malmiana scorpii*
Khan, R. A.; and Cowan, G. I. McT., 1976, *Canad. J. Zool.*, v. 54 (10), 1803-1805
Malmiana spp., *Oceanobdella* spp., micro starch-gel electrophoretic patterns of muscle myogens, possible tool for taxonomy of leeches
Myoxocephalus: off coastal Newfoundland
- Marsupiobdella africana* Goddard & Malan, illus. van der Lande, V. M., 1976, *J. Zool.*, London, v. 180 (4), 537-563
Marsupiobdella africana, morphology, life history, localization, host specificity (*Xenopus* toads)
Xenopus l. laevis (nat. and exper.): near Cape, South Africa
Xenopus laevis victorianus (exper.)
Xenopus vestitus (exper.)
- Mysidobdella Selensky* 1927
Burreson, E. M.; and Allen, D. M., [1979], *J. Parasitol.*, v. 64 (6), 1978, 1082-1091
revised generic diagnosis
type species: *Mysidobdella borealis* comb. n.
- Mysidobdella borealis* (Johansson 1899) comb. n. (type species of genus), illus.
Burreson, E. M.; and Allen, D. M., [1979], *J. Parasitol.*, v. 64 (6), 1978, 1082-1091
Mysidobdella borealis comb. n., revised diagnosis, external and internal anatomy, geographical and seasonal occurrence along northeastern coast of United States and Canada, aspects of its biology in association with mysid hosts (attachment to hosts, host preference, reproductive behavior)
Syn.: *M. oculata* Selensky 1927
Neomysis americana: western North Atlantic
Mysis stenolepis: western North Atlantic
Mysis oculata: Arctic seas
- Mysidobdella oculata* Selensky 1927
Burreson, E. M.; and Allen, D. M., [1979], *J. Parasitol.*, v. 64 (6), 1978, 1082-1091
as syn. of *Mysidobdella borealis* (Johansson 1899) comb. n.
- Myzobdella lugubris*
Deutsch, W. G., 1977, *Proc. Pennsylvania Acad. Sc.*, v. 51 (2), 122-124
Micropterus dolomieu
Stizostedion vitreum
(fins of all): all from Susquehanna River, Pennsylvania
- Myzobdella uruguayensis* [lapsus p. 61 for *M. uruguayensis* n. sp.]
Mane-Garzon, F.; and Montero, R., 1977, *Rev. Biol. Uruguay*, v. 5 (2), 59-65
- Myzobdella uruguayensis* n. sp., illus.
Mane-Garzon, F.; and Montero, R., 1977, *Rev. Biol. Uruguay*, v. 5 (2), 59-65
[lapsus p. 61 as *M. uruguayensis*]
Rhambia sapo (branquias): Laguna del Sauce, Departamento de Maldonado, Uruguay
- Myzostomum gopalai* Subramanyam, 1938
Shyamasundari, K., 1976, *Acta Parasitol. Polon.*, v. 24 (11-19), 199-202
Myzostomum gopalai, *M. striatum*, cytochemistry of female gametes, phospholipid nature of conspicuous yolk bodies in oocyte cytoplasm
Tropiometra encrinus: Waltair, South India
- Myzostomum striatum* George, 1950
Shyamasundari, K., 1976, *Acta Parasitol. Polon.*, v. 24 (11-19), 199-202
Myzostomum gopalai, *M. striatum*, cytochemistry of female gametes, phospholipid nature of conspicuous yolk bodies in oocyte cytoplasm
Lamprometra palmata: Waltair, South India
- Nephelopsis obscura*
Reynoldson, T. B.; and Davies, R. W., 1976, *Canad. J. Zool.*, v. 54 (11), 1908-1911
freshwater leeches, comparative study of osmoregulatory ability, and its relationship to their distribution: Alberta
- Oceanobdella microstoma*
Daily, D. D., 1978, *J. Parasitol.*, v. 64 (2), 361-362
Myoxocephalus scorpius (head): Whiting Bay, Maine
- Oceanobdella microstoma*
Khan, R. A.; and Cowan, G. I. McT., 1976, *Canad. J. Zool.*, v. 54 (10), 1803-1805
Malmiana spp., *Oceanobdella* spp., micro starch-gel electrophoretic patterns of muscle myogens, possible tool for taxonomy of leeches
Myoxocephalus: off coastal Newfoundland
- Oceanobdella sexoculata*
Khan, R. A.; and Cowan, G. I. McT., 1976, *Canad. J. Zool.*, v. 54 (10), 1803-1805
Malmiana spp., *Oceanobdella* spp., micro starch-gel electrophoretic patterns of muscle myogens, possible tool for taxonomy of leeches
Macrozoarces americanus: off coastal Newfoundland
- Oceanobdella sexoculata*
Khan, R. A.; and Meyer, M. C., 1978, *J. Parasitol.*, v. 64 (4), 766-768
Oceanobdella sexoculata on *Macrozoarces americanus*, evidence that two generations of leeches occurred each year in wild and laboratory populations
- Oligochaeta*
Sankurathri, C. S.; and Holmes, J. C., 1976, *Canad. J. Zool.*, v. 54 (10), 1742-1753
parasites and commensals (*Oligochaeta* and larval *Digenea*) of *Physa gyrina* in control area vs. area affected by thermal effluents, prevalence, seasonal changes, interactions (including ingestion of cercariae by oligochaete), ecological model: Lake Wabamun, Alberta

- Orientobdella* Epshtein, 1962
Burreson, E. M., 1977, Publicaciones Espec. (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 503-512
revised definition of genus
- Orientobdella confluens* sp. n., *illus.*
Burreson, E. M., 1977, Publicaciones Espec. (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 503-512
host unknown: Pacific Ocean, 4 km off Newport, Oregon
- Ostreobdella* Oka, 1927
Burreson, E. M., 1977, Publicaciones Espec. (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 503-512
revised definition of genus
- Ostreobdella papillata* sp. n., *illus.*
Burreson, E. M., 1977, Publicaciones Espec. (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 503-512
Sebastes melanops: Pacific Ocean, 2 km off Newport, Oregon
Octopus dofleini: Pacific Ocean off coast of Oregon
- Ozobranchus margoi* (Apathy, 1890) Selensky, 1915, *illus.*
Davies, R. W., [1979], J. Parasitol., v. 64 (6), 1978, 1092-1096
Ozobranchus margoi, morphology, external and internal features
- Piscicola* sp. Blainville, 1818
Tedia, S.; and Fernando, C. H., 1969, J. Fish. Research Bd. Canada, v. 26 (4), 833-843
Perca flavescens (body surface): Bay of Quinte, Lake Ontario
- Piscicola geometra* (Lin.)
Iziumova, N. A.; Mashtakov, A. V.; and Kashkovskii, V. V., 1977, Inform. Biul. Inst. Biol. Vnutren. Vod, Akad. Nauk SSSR (36) 64-68
[*Lucioperca lucioperca*] (gills): Kansk reservoir
- Piscicola geometra*, *illus.*
Kreuzer, W.; Obermeier, O. P.; and Kotter, L., 1976, Tierarztl. Prax., v. 4 (1), 115-126
parasites and other diseases of fishes consumed by humans, clinical review
- Piscicola geometra*
Linnik, V. Ia.; and Zen'kovich, E. M., 1970, Nauch. Trudy, Nauchno-Issled. Vet. Inst., v. 8, 109-114
*[fish]: Neman river basin
- Piscicola geometra*
Moeller, H., 1978, J. Fish Biol., v. 12 (4), 311-323
fish parasites, effects of salinity and temperature on development and survival of parasitic and free-living stages
- Piscicola geometra*, *illus.*
Ollenschlaeger, B., 1975, Tierarztl. Prax., v. 3 (1), 99-107
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review
- Piscicola geometra* L.
Voigt, H. R., 1977, Mem. Soc. Fauna et Flora Fennica, v. 53 (2), 113-115
Osmerus eperlanus: Tvarminne Storfiard, Gulf of Finland
- Piscicola geometra* (Linnaeus, 1761)
Wierzbicki, K., 1970, Acta Parasitol. Polon., v. 18 (1-12), 45-55
Perca fluviatilis: Lake Dargin, Mazurian Lakeland, Poland
- Piscicola mileri* (Verrill, 1874)
Arthur, J. R.; Margolis, L.; and Arai, H. P., 1976, J. Fish. Research Bd. Canada, v. 33 (11) 2489-2499
Salvelinus namaycush (fins, external body surface): Aishihik Lake, Yukon Territory
Prosopium cylindraceum (pectoral fins): Aishihik Lake, Yukon Territory
Lota lota (external body surface): Aishihik Lake, Yukon Territory
Esox lucius (fins, external body surface): Aishihik Lake and Stevens Lake, Yukon Territory
Coregonus clupeaformis (gill cavity): Aishihik Lake and Stevens Lake, Yukon Territory
- Piscicola punctata*
Aliff, J. V.; Smith, D.; and Lucas, H., 1977, Tr. Am. Micr. Soc., v. 96 (1), 145-148
Lepomis macrochirus: middle Georgia
- Piscicola salmositica*
Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (7), 1514-1518
Cryptobia salmositica isolated from its vector *P. salmositica* which was collected from spawning salmon: Vancouver Island
- Piscicolaria reducta*
Erickson, J. E., 1978, J. Parasitol., v. 64 (5), 899
Etheostoma zonale: southern Minnesota
- Placobdella catenigera* Blanchard, 1893
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Placobdella costata*
Mishra, G. S.; and Gonzalez, J. P., 1978, Arch. Inst. Pasteur Tunis, v. 55 (3), 303-326
Clemmys caspica leprosa (membre posterior): Tunisia
- Placobdella guernei* Blanchard, 1893
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Placobdella multilineata*
Glassman, A. B.; Holbrook, T. W.; and Bennett, C. E., 1979, J. Parasitol., v. 65 (2), 323-324
Placobdella multilineata-infested Alligator mississippiensis (dorsal and lateral body surfaces, within oral cavity), increased eosinophilia; *Haemogregarina* sp. in alligators (blood) and in histologic sections of leeches, probable vectorial relationship

- Placobdella parasitica* (Say, 1924)
Amin, O. M., 1977, Proc. Helminth. Soc. Washington, v. 44 (2), 210-217
brief description
Oncorhynchus tshawytscha (pelvic fin): southwestern Lake Michigan
- Placobdella parasitica*
Palmieri, J. R.; and James, H. A., 1976, Great Basin Nat., v. 36 (1), 97-100
Apatemon gracilis in *Helobdella stagnalis*, *Placobdella parasitica*, and *Erpobdella punctata*, effects of leech behavior on cercarial penetration and localization
- Placobdella raboti* Blanchard, 1893
Elliott, J. M.; Mugridge, R. E. R.; and Stallybrass, H. G., 1979, Freshwater Biol., Oxford, v. 9 (5), 461-465
as syn. of *Haementeria costata* (Fr. Mueller, 1846)
- Poecilobdella granulosa*
Dev, B.; and Mishra, G. C., 1977, Ztschr. Parasitenk., v. 52 (1), 97-101
Poecilobdella granulosa, decerebration leads to activation of gastric phosphatases and inhibition of intestinal phosphatases; correlation with metabolic metameric control
- Poecilobdella granulosa*
Mishra, G. C.; and Dev, B., 1977, Ztschr. Parasitenk., v. 52 (1), 103-111
Poecilobdella granulosa, phosphatase systems inhibited by various amino acids but alkaline phosphatase of stomach and intestine activated by certain amino acids at low concentrations, correlated with sanguivorous habits
- Polydora ciliata*
Landers, W. S., 1967, Proc. 1966 National Shellfish Ass., v. 57, 63-66
Mercenaria mercenaria (accidental and exper. infestation in laboratory)
- Polydora websteri*
Davis, J. D., 1967, Proc. 1966 National Shellfish Ass., v. 57, 67-72
Mesodesma deauratum: St. Lawrence Estuary
- Pontobdella macrothela* Schmarda, 1861, illus.
Penner, L. R.; and Sanjeeva Raj, P. J., 1977, Publicaciones Espec. (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 519-530
description
Carcharhinus limbatus (ventral surface of right clasper): Gulf of Mexico near Placida, Florida, and west of Midnight Pass, southern tip of Siesta Key, Sarasota, Florida
Galeocerdo cuvieri (inside mouth): Gulf of Mexico, west of Midnight Pass, southern tip of Siesta Key, Sarasota, Florida
Carcharhinus leucas (clasper, mouth): Gulf of Mexico, west of Midnight Pass, southern tip of Siesta Key, Sarasota, Florida
hammerhead shark, possibly *Sphyrna mokarran* (outside throat): between Key Biscayne and Lowrey Light
Ginglymostoma cirratum (throat): Marathon and Miami, Florida; west of Midnight Pass, Sarasota, Florida
Negaprion brevirostris (mouth, right clasper): Shell Key, off Upper Matecumbe Key, Monroe County, Florida; near Key West, Florida; west of Midnight Pass, Sarasota, Florida
Raja binoculata: Monterey Bay, California
- pontobdella macrothela* Schmarda, 1861.-- Continued.
Penner, L. R.; and Sanjeeva Raj, P. J., 1977, Publicaciones Espec (4), Inst. Biol., Univ. Nac. Autonom. Mexico, 519-530
dogfish (pectoral fin): southwest of Cape Cormorin, India
Carcharhinus longimanus: Gulf of Mexico
Raja montereyensis: Monterey Bay, California
Carcharhinus milberti (anal fin): west of Midnight Pass, Sarasota, Florida
Sphyrna mokarran (mouth, snout): west of Midnight Pass, Sarasota, Florida
[no host]: Whistle Buoy, Bodega Bay, California; off new River, North Carolina
- Theromyzon rude*
Reynoldson, T. B.; and Davies, R. W., 1976, Canad. J. Zool., v. 54 (11), 1908-1911
freshwater leeches, comparative study of osmoregulatory ability, and its relationship to their distribution: Alberta
- Theromyzon tessulatum* (O. F. Mueller, 1774), illus.
Graefner, G.; and Baumann, H., 1974, Ang. Parasitol., v. 15 (3), 121-124
Theromyzon tessulatum on *Anser anser domesticus* (eye), severe dysopia: Schlieffenberg (Krs. Gustrow)
- Trachelobdella lubrica* (Grube), illus.
Epshtein, V. M., 1973, Parazitologiya, Leningrad, v. 7 (5), 427-436
Trachelobdella lubrica, internal and external morphology, comparison of specimens from different parts of geographic range, hosts and geographic distribution
Fistularia villosa: Great Australian Bight, northwestern coast of Australia
Epinephelis guernus: near the Hawaiian Islands
Priacanthus boops: near the Philippine Islands
P. melki: near the Hawaiian Islands
P. cruentatus: near the Hawaiian Islands
Lethrinus miniatus: near northwestern coast of Australia
Paristiopterus gallipavo: Great Australian Bight
Nemadactylus macropterus: Great Australian Bight
Chelidonicthys kumu: Great Australian Bight
- Trachelobdella oregonensis* Burreson
Burreson, E. M., 1979, J. Protozool., v. 26 (3), 343-347
Trypanoplasma beckeri sp. n. in *Trachelobdella oregonensis* (exper.) on *Scorpaenichthys marmoratus* (exper.)

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