Index-Catalogue of Medical and Veterinary Zoology

Supplement 23, Part 2

Parasite-Subject Catalogue
Parasites: Protozoa
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Parasites: Protozoa

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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.

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.

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.
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.

Fasciola hepatica, illus.
Smith, J.; and Doe, L., 1978, J.
Parasitol., v. 64 (1), 30-38
Fasciola hepatica, white mice, successful vaccination with culture incubate antigens and antigens from sonic disruption of immature worms
Subheading
Bibliographic information (author line(s))

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, protozoacides. 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 invaluably 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.
Acanthamoeba (Hartmannella), illus.
Ashton, N.; and Stamm, W., 1975, Tr. Ophth. Soc. United Kingdom, v. 95 (2), 214-220
acanthamoebic infections of human eyes, histologic features, diagnostic problems, clinical report

Acanthamoeba
human amoebic meningoencephalitis, etiology, epidemiology, pathology, diagnosis, therapy, review

Acanthamoeba
pathogenic and nonpathogenic aerobic free-living amoebae, characterization of cytoplasmic inclusions, cytochemistry and ultrastructure, review

Acanthamoeba
pathogenic free-living amoebae, brief review

Acanthamoeba
Naegleria, Acanthamoeba, Hartmannella, free-living amoeba now thought to be agents responsible for human meningoencephalitis, diagnosis, pathology, therapy, review

Acanthamoeba
primary amebic meningoencephalitis, human (brain, pancreas), clinical findings, post-mortem studies, electron microscopy, immunohistologic studies, evidence slightly more indicative of Acanthamoeba than Naegleria infection: Louisiana

Acanthamoeba, illus.
pathogenic Acanthamoeba trophozoites, transmission and scanning electron microscopy

Acanthamoeba, illus.
Martinez, A. J.; and Janitschke, K., 1979, Immun. u. Infekt., v. 7 (2), 57-64
Naegleria fowleri, Acanthamoeba, human, histopathology, protozoology and taxonomy, epidemiology, treatment, animal models, review

Acanthamoeba
human amoebic cerebral infections, case reports, pathology, medical and surgical management: Mexico

Acanthamoeba
protozoa polluting tap water, concentration and identification in culture: Federal District, Mexico City

Acanthamoeba
soil amoebae potentially pathogenic to man, existence in Canada, results of survey from various areas of Ontario

Acanthamoeba
Simitzis, A. M.; Le Goff, F.; and L’Azou, M. T., 1979, Ann. Parasitol., v. 54 (3), 121-127
free-living amoebae, 9 strains isolated from nasal mucosa of 1039 healthy humans sampled, pathogenicity for mice and in cell culture tested

Acanthamoeba-Hartmannella group amoeba, illus.
Stibbs, H. H.; et al., 1979, J. Invert. Path., v. 33 (2), 159-170
Hartmanella-Acanthamoeba group amoeba isolated from Biomphalaria glabrata (Schistosoma mansoni susceptible and resistant strains) (pericardium, mantle), in vitro killing of S. mansoni sporocysts by amoebae; whether amoebae contribute to snail resistance is unknown

Acanthamoeba
Naegleria, Acanthamoeba spp. causing disease in man and other vertebrates, selected bibliography and tabular survey of cases

Acanthamoeba [sp.], illus.
Acanthamoeba polyphaga keratitis and Acanthamoeba uveitis associated with fatal meningoencephalitis, 3 case reports, extensive clinical presentation, strain characteristics, pathology, diagnostic problems and 'possibly useful therapeutic agents: Texas

Acanthamoeba sp.
15 strains of free-living amebae found in variety of domestic animals, 3 isolates tested were not pathogenic for laboratory animals, some features of isolates differed from those previously known for members of these genera bull (preputial cavity)

Acanthamoeba sp.; illus.
pathogenic and non-pathogenic Acanthamoeba cysts, transmission and scanning electron microscopy

Acanthamoeba astronyxis
Gullet, J.; et al., 1979, Am. J. Med., v. 67 (5), 891-896
Acanthamoeba astronyxis, Mexican woman, fatal case of disseminated granulomatous infection with skin lesion and focal encephalitis: San Francisco

Acanthamoeba astronyxis
4 strains of free-living amoebae isolated from lakes in Poland, pathogenicity for mice, response to several drugs, identified as Acanthamoeba spp. on basis of morphology and protein disc electrophoretic patterns

Acanthamoeba castellani, illus.
Acanthamoeba castellani found in water samples taken from below ice levels of fresh water areas known to be used by swimmers in summer months, study shows that pathogenic-free living amoeba are not necessarily absent in low temperatures: Oslo, Norway
Acanthamoeba castellanii
Cursons, R. T. M.; et al., 1979, J. Parasitol., v. 65 (1), 189-191

Acanthamoeba, Naegleria, semidefined media for cultivation of pathogenic and nonpathogenic free-living amebae

Acanthamoeba castellanii, illus.
primary amoebic meningo-encephalitis, humans, differential diagnosis and identification of aetiologic agents

Acanthamoeba castellanii (Douglas, 1930) emend.
Volokonsky, 1931

isolation of 164 strains of free-living amoebae from public water supplies and swimming pools, some strains of Acanthamoeba polyphaga, A. castellanii, A. lenticulata, and A. comandoni were pathogenic for mice, none of the Naegleria isolated were pathogenic for mice, levels of bromine and chlorine used were insufficient to eliminate these amebae, potential danger to users and suggested control measures: Strasbourg

Acanthamoeba castellanii
Acanthamoeba castellanii, farmer, recurrent suppurative kerato-uveitis with loss of eye, infection possibly result of handling barley from which Acanthamoeba was isolated: England

Acanthamoeba castellanii
4 strains of free-living amebae isolated from lakes in Poland, pathogenicity for mice, response to several drugs, identified as Acanthamoeba spp. on basis of morphology and protein disc electrophoretic patterns

Acanthamoeba castellanii, illus.
Markowitz, S. M.; et al., 1978, Am. J. Path. (436), v. 92 (3), 753-764
Acanthamoeba castellanii, mice (exper.), pretreated with methylprednisolone or tetacycline, increased host mortality due to depressed host immunity; potentially pathogenic role for naturally occurring Acanthamoeba sp. in immunosuppressed humans

Acanthamoeba castellanii
Naginngton, J., 1975, Tr. Ophth. Soc. United Kingdom, v. 95 (2), 207-209
Acanthamoeba spp. isolated from human eye infections, clinical report, in vitro trials of compounds for possible amoebicidal and cysticidal activity

Acanthamoeba castellanii
survey of swimming pools for presence of free-living amebae, potential danger for swimmers: Lyon

Acanthamoeba castellanii
Seilhamer, J. J.; and Byers, T. J., 1978, J. Protozool., v. 25 (4), 466-489
Acanthamoeba castellanii, mutants resistant to erythromycin, chloramphenicol, and oligomycin

Acanthamoeba comandoni Pussard, 1964
isolation of 164 strains of free-living amebae from public water supplies and swimming pools, some strains of Acanthamoeba polyphaga, A. castellanii, A. lenticulata, and A. comandoni were pathogenic for mice, none of the Naegleria isolated were pathogenic for mice, levels of bromine and chlorine used were insufficient to eliminate these amebae, potential danger to users and suggested control measures: Strasbourg

Acanthamoeba culbertsoni
Cursons, R. T. M.; et al., 1979, J. Parasitol., v. 65 (1), 189-191
Acanthamoeba, Naegleria, semidefined media for cultivation of pathogenic and nonpathogenic free-living amebae

Acanthamoeba culbertsoni
Naegleria, Acanthamoeba, pathogenic vs. nonpathogenic strains: differences in level of production of phospholipase A may explain differences in invasiveness and virulence, likely that secretion of enzyme constitutes initial steps whereby host tissue is prepared for endocytosis by these amebae

Acanthamoeba culbertsoni, illus.
primary amoebic meningo-encephalitis, humans, differential diagnosis and identification of aetiologic agents

Acanthamoeba culbertsoni
pathogenic and non-pathogenic Acanthamoeba cysts, transmission and scanning electron microscopy

Acanthamoeba culbertsoni, illus.
Naegleria fowleri, Acanthamoeba culbertsoni, human primary amoebic meningoencephalitis, broad review

Acanthamoeba culbertsoni, illus.
Acanthamoeba culbertsoni extracted from cerebrospinal fluid, surface topography, scanning electron microscopy, possible diagnostic application

Acanthamoeba culbertsoni
Acanthamoeba culbertsoni, retrospective identification of organism causing fatal amoebic meningoencephalitis in immunosuppressed man, positive results obtained with anti-Acanthamoeba culbertsoni sera when brain sections were stained by indirect immunofluorescence antibody test

Acanthamoeba hatchettii
Simitzis, A. M.; and Le Goff, F.; and L'Azou, M. T., 1979, Ann. Parasitol., v. 54 (2), 121-127
free-living amebae, 9 strains isolated from nasal mucosa of 1039 healthy humans sampled, pathogenicity for mice and in cell culture tested
Acanthamoeba lenticulata Molet et Ermolieff-Braun, 1976

isolation of 164 strains of free-living amoebae from public water supplies and swimming pools, some strains of Acanthamoeba polyphaga, A. castellanii, A. lenticulata, and A. comandoni were pathogenic for mice, none of the Naegleria isolated were pathogenic for mice, levels of bromine and chlorine used were insufficient to eliminate these amoebae, potential danger to users and suggested control measures: Strasbourg

Acanthamoeba polyphaga

primary amoebic meningo-encephalitis, humans, differential diagnosis and identification of aetiologic agents

Acanthamoeba polyphaga

Naegleria and Acanthamoeba, incidence in aquaria, may be source of human infection: Belgium

Acanthamoeba polyphaga (Puschkarew, 1913) emend. Page, 1967

isolation of 164 strains of free-living amoebae from public water supplies and swimming pools, some strains of Acanthamoeba polyphaga, A. castellanii, A. lenticulata, and A. comandoni were pathogenic for mice, none of the Naegleria isolated were pathogenic for mice, levels of bromine and chlorine used were insufficient to eliminate these amoebae, potential danger to users and suggested control measures: Strasbourg

Acanthamoeba polyphaga, illus.
Jones, D. B.; Visvesvara, G. S.; and Robinson, N. M., 1975, Tr. Ophth. Soc. United Kingdom, v. 95 (2), 221-223

Acanthamoeba polyphaga keratitis and Acanthamoeba uveitis associated with fatal meningo-encephalitis, 3 case reports, extensive clinical presentation, strain characteristics, pathology, diagnostic problems and possibly useful therapeutic agents: Texas

Acanthamoeba polyphaga

15 strains of free-living amebae found in variety of domestic animals, 3 isolates tested were not pathogenic for laboratory animals, some features of isolates differed from those previously known for members of these genera: bull, cow (prepucial cavity, vagina) rabbit (liver) pigeon, domestic (intestine) turkey (intestine)

Acanthamoeba polyphaga

4 strains of free-living amoebae isolated from lakes in Poland, pathogenicity for mice, response to several drugs, identified as Acanthamoeba spp. on basis of morphology and protein disc electrophoretic patterns

Acanthamoeba polyphaga
Nagaring, J., 1975, Tr. Ophth. Soc. United Kingdom, v. 95 (2), 207-209

Acanthamoeba spp. isolated from human eye infections, clinical report, in vitro trials of compounds for possible amoebicidal and cysticidal activity

Acanthamoeba polyphaga

survey of swimming pools for presence of free-living amebae, potential danger for swimmers: Lyon

Acanthamoeba pustulosa

survey of swimming pools for presence of free-living amebae, potential danger for swimmers: Lyon

Acanthocephalus dujardini Schneider, 1875
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

as syn. of Chilogregarina dujardini (Schneider, 1875) comb. n.

Actinocephalidae Leger, 1892
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

diagnosis, includes: Actinocephalinae

Actinocephalinae Leger, 1899
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

Actinocephalidae diagnosis, includes: Chilogregarina gen. n.

Actinocephalus acanthaclisis n. sp., illus.
Marques, A.; and Ormieres, R., 1978, Ztschr. Parasitenk., v. 56 (2), 159-165

Acanthacdilisis baetica
A. occitanica (intestin of both): both from Cote mediterraneenne

Actinocephalus dujardini Schneider, 1875
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

as syn. of Chilogregarina dujardini (Schneider, 1875) comb. n.

Actinocephalus stelea (Leger, 1894)
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

as syn. of Chilogregarina stelea (Leger, 1894) comb. n.

Actinocephalus striatus Leger & Duboscq, 1903
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

as syn. of Chilogregarina striata (Leger & Duboscq, 1903) comb. n.

Actinocephalus tipulae
Sherlock, P. L., 1979, Parasitology, v. 78 (2), 207-220

Tipula paludosa (intestine)

Acuminata subgen. n.

subgen. of Protoopalina type sp.: Protoopalina (Acuminata) regularis Metcalf, 1923

Acuminata

subgen. of Protoopalina, key
Adelea Schneider, 1875
Adelea sp., Leger, 1900
as syn. of Adelina legeri n. sp.
Adelea akidium Leger, 1898
as syn. of Adelina akidium (Leger, 1898)
Hesse, 1911
Adelea dimidiata (Schneider, 1885) Labbe, 1896
synonymy
Adelea dimidiata var. coccidioides Leger and Duboscq, 1903
Adelea (?) dorylaimi Micoletzky, 1921
nomen inquirendum
Adelea hartmanni Chagas, 1910
as syn. of Chagasella hartmanni (Chagas, 1910) Machado, 1911
Adelea hyalospora Narasimhamurti, 1960
Adelea mesnili Perez, 1899
as syn. of Adelina mesnili (Perez, 1899)
Hesse, 1911
Adelea ovata Schneider, 1875
Adelea pachelebrae de Mello, 1921
Adelea (?) pervulgata Micoletzky, 1921
nomen inquirendum
Adelea simplex (Schneider, 1885) Labbe, 1896
as syn. of Adelina simplex (Schneider, 1885) Hesse 1911
Adelea tipulae Leger, 1898
as syn. of Adelina tipulae (Leger, 1898)
Hesse, 1911
Adelea transita Leger, 1904
as syn. of Adelina transita (Leger, 1904)
Hesse, 1911
Adelea zonula Moroff, 1906
as syn. of Adelina zonula (Moroff, 1906)
Hesse, 1911
Adeleidae Mesnil, 1903
review of genera and species includes: Adelea; Adelina; Chagasella; Ithania; Klossia; Orcheobius
Adelina Hesse, 1911
Adelina sp. Barnard, Ernst and Dixon, 1974
Adelina sp. Courtney, Forrester, Ernst and Nesbitt, 1975
Adelina sp. Hall, Stewart, Arakawa and Strong, 1971
Adelina sp. Loschiavo, 1969
Adelina sp. Rioux, Leger, Manier and Croset, 1972
as syn. of Adelina riouxi n. sp.
Adelina sp. (Paichuk, 1953) nov. comb.
Syn.: Merocystis sp. Paichuk, 1953
Adelina akidium (Leger, 1898) Hesse, 1911
Syn.: Adelea akidium Leger, 1898
Adelina cryptocerci Yarwood, 1937
Adelina deronis Hauschka and Pennypacker, 1942
Adelina dimidiata (Schneider, 1885) Hesse, 1911
as syn. of Adelea dimidiata (Schneider, 1885) Labbe, 1896
Adelina legeri n. sp.
Syn.: Adelea sp. Leger, 1900
Olocrates abbreviatus (hemocoel): Europe
Adelina melolontha Tuzet, Vago, Ormieres and Robert, 1966
Adelina mesnili (Perez, 1899) Hesse, 1911
Syn.: Adelea mesnili Perez, 1899
Adelina octospora Hesse, 1911
Adelina riouxi n. sp.  
Syn.: Adelina sp. Rioux, Leger, Manier and Croset, 1972  
Sergentomyia m. minuta  
Phlebotomus perniciosus  
(hemocoe (fat body?) of all: all from Europe  

Adelina schelldacki Ray and Das Gupta, 1940  

Adelina sericesthis Weiser and Beard, 1959  

Adelina simplex (Schneider, 1885) Hesse 1911  

Adelina tenebrionis Sautet, 1930  

Adelina tipulae (Leger, 1898) Hesse, 1911  

Adelina transita (Leger, 1904) Hesse, 1911  

Adelina tribolii Bhatia, 1937  

ADELINA TRIBOLII  
Listov, M. V., 1977, Entom. Obozr., v. 56 (4), 731-735  
Nosema whitei, Adelina tribolii in Tribolium destructor (nat. and exper.) and T. confusum (exp.); % mortality, effect on metamorphosis, destruction of host fat body causes hormone imbalance  

Adelina zonula (Moroff, 1906) Hesse, 1911  

Syn.: Adelea zonula Moroff, 1906  

Adunciperistomatus subgen. n.  
subgen. of Nycototheroides  
tod of subgen.: N. (A.) tejerai (Pinto, 1926)  
Amaro & Sena, 1967  

Aegyptianella pullorum  
Bauer, F.; Raether, W.; and Seeger, K., 1978, Cahiers Bleus Vet. (27), 265-271  
protozoal disease in exper. hosts, enhanced effect of berenil + reverin vs. berenil alone  

Aegyptianella pullorum Carpeno, 1928  
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  

Aegyptianella pullorum Qureshi, M. I.; and Sheikh, A. H., 1978, Pakistan J. Sci., v. 30 (1-6), 165-167  
chickens, Desi, white leghorns: Lahore district  
ducks: Lahore Zoo  

Aegyptianella pullorum  
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46  
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years  

Agamococcidiformia ord. n.  
Levine, N. D., 1979, J. Protozool., v. 26 (2), 167-168  
Coccidiasina  
includes: Rhytidocystidae n. fam.  

Agamasoma gen. n.  
Thelohaniidae fam. n., key  
tod: A. penaei (Sprague, 1950) comb. n.  

Agamasoma penaei (Sprague, 1950) comb. n. (tod), illus.  
description, syn.: Thelohania penaei Sprague, 1950  

Agamasoma penaei, illus.  
Thelohania duorara, Agamasoma penaei, and Pleistophora sp. in Penaeus duorarum, pathology, tissue specificity: southern Biscayne Bay  

Akiba (or Leucocytozoon) [esp.]  
Corvus corone  
C. frugilegus  
C. monedula  
Fringilla coelebs  
Garrulus glandarius  
Musciaca striata  
Parus caeruleus  
Sturnus vulgaris  
Turdus ericetorum  
T. merula  
Strix aluco  
Gailinula chloropus  
Columbia palmus  
Lagopus scoticus  
all from Britain  

Akiba caulleryi (Leucocytozoon caulleryi)  
Akiba caulleryi, chickens (blood), Bangkok hemorrhagic disease, pathology, clinical and experimental studies: Kerala  

Ambllysospora gen. n.  
Thelohaniidae, key  
tod: A. californica, chickens (blood), Bangkok hemorrhagic disease, pathology, clinical and experimental studies: California  

Amblyospora sp., illus.  
Andreadis, T. G.; and Hall, D. W., 1979, J. Protozool., v. 26 (3), 444-452  
Amblyospora sp., development, ultrastructure, and mode of transmission in Culex salinarius  

PROTOZOA
Amblyospora species, illus.
Hazard, E. I.; et al., 1979, J. Parasitol., v. 65 (1), 117-122

Amblyospora biocortex: modifications and synaptonemal complexes, Parathelohania, synaptonemal complexes; implications in life cycles
Culex salinarius

Amblyospora sp.
Kelly, J. F.; and Knell, J. D., 1979, J. Invert. Path., v. 33 (2), 252
Nosema algerae, Amblyospora sp., modification of Ludox gradient spore purification technique

Amblyospora amphipodae sp. n., illus.
Crangonyx richmondensis (hepatopancreas): east of Trenton, Florida, USA

Amblyospora benigna (Kellen and Wills, 1962) comb. n.
Syn.: Thelohania benigna Kellen and Wills, 1962

Amblyospora bicortex (Baudoin, 1969) comb. n.
Syn.: Thelohania bicortex Baudoin, 1969

Amblyospora bolinasae (Kellen and Wills, 1962) comb. n.
Syn.: Thelohania bolinasae Kellen and Wills, 1962

Amblyospora bracteata (Strickland, 1913) comb. n.
Syn.: Glugea bracteata Strickland, 1913; Thelohania bracteata: Debaisieux and Gastaldi (in part), 1919 [et auct.]

Amblyospora californica (Kellen and Lipa, 1960) comb. n., illus. (tod)
description

Amblyospora callosa sp. n., illus.
Rhacophila fuscula (adipose tissue): stream near sewage plant east of Belchertown, Massachusetts

Amblyospora campbelli (Kellen and Wills, 1962) comb. n.
Syn.: Thelohania campbelli Kellen and Wills, 1962

Amblyospora canadensis (Wills and Beaudoin, 1965) comb. n., illus.

Amblyospora gigantea (Kellen and Wills, 1962) comb. n.
Syn.: Thelohania gigantea Kellen and Wills, 1962

Amblyospora inimica (Kellen and Wills, 1962) comb. n., illus.
description
Syns.: Thelohania inimica Kellen and Wills, 1962; Thelohania sp. Chapman, 1966; Tsai et al., 1969

Amblyospora keenani sp. n., illus.
Aedeomyia squamipennis (adipose tissue): Chagras River, Canal Zone

Amblyospora khaliulini sp. n., illus.
Aedes communis (hemolymph, adipose tissue): Manitoba, Canada; Czechoslovakia; Germany; Alaska, U.S.A.; near South Deerfield, Massachusetts, U.S.A.; Mari, U.S.S.R.

Amblyospora lairdi (Weiser, 1965) comb. n.
Syns.: Thelohania opacita var. lairdi Weiser, 1965

Amblyospora minutata (Kudo, 1924) comb. n., illus.
description
Syns.: Thelohania minutata Kudo, 1924; T. rotunda Kudo, 1924; Thelohania sp. Chapman et al., 1967
Culex erraticus (adipose tissue): Florida

Amblyospora mojingensis sp. n., illus.
Anopheles eiseni (adipose tissue): Mojinga Swamp, Canal Zone

Amblyospora noxia (Kellen and Wills, 1962) comb. n.
Syn.: Thelohania noxia Kellen and Wills, 1962

Amblyospora opacita (Kudo, 1922) comb. n., illus.
description, syns.: Thelohania opacita Kudo, 1922; Parathelohania opacita: Simmons, 1974; Thelohania opacitor Fulton et al., 1974; Thelohania sp. Chapman et al., 1967


Ameba. See Ameoba.

Amebiasis. See Amebiasis.

Ameson Vivares, C. P.; and Sprague, V., 1979, J. Invert. Path., v. 33 (1), 40-52 transferred from Nosematidae to Unikaryonidae, distinguished from Perezia


Amoeba, illus. Ferguson, H. W.; et al., 1978, Riv. Ital. Piscicolt. e Iltipatol., v. 13 (5), 79-85 amoeba isolated from trout, ultrastructure, scanning and transmission electron microscopy, appears to be ultrastructurally different from parasite associated with proliferative kidney disease: Italy

Amoebae, Limax-type Frank, W., 1974, Ann. Soc. Beige Med. Trop., v. 54 (4-5), 343-349 Limax-amoebae, cold-blooded vertebrates as possible means of spreading parasite from one pond to another Boa constrictor Iguana iguana Coluber hippocrepis Morelia sp. (brain) Kinosternon leuco stomum ( ) Ophthalmosaurus apodus ( )


Amoebae, free living, possibly Acanthamoeba, illus. Mehta, A. P.; and Guirges, S. Y., 1979, J. Trop. Med. and Hyg., v. 82 (7), 134-136 acute amoebic dysentery tentively diagnosed as caused by Acanthamoeba, 16-year-old male, case report, successfully treated with metronidazole: India


Amoebiasis

Amoebiosis

Ambroise-Thomas, P.; and Desgeorges, P. T., 1978, Bull. World Health Organ., v. 56 (4), 609-613
parasitic diseases, diagnosis, enzyme-linked immunosorbent assay, modified micromethod

Amoebiasis

human amoebiasis, clinical trials testing efficacy of emetine amoxime, drug useful for both amoebiosis and trichocephalasis

Amoebiasis

maternal deaths in the Kilimanjaro region, survey, includes information on amoebic colitis and malaria: Tanzania

Amoebiasis

human parasitic diseases, trends in development of chemotherapy, review

Amoebiasis

human amoebiasis, evaluation of the gel diffusion test for diagnostic purposes, definite seasonal variation in number of clinical cases and number of positive tests for amoebic precipitins (increase during wet season): Nigeria

Amoebiasis

amoebiasis, human hepatic abscess, scintigraphic evaluation of disease processes and healing rate

Amoebiasis

liver diseases, humans, diagnosis using radio-active rose bengal, includes information on amoebic abscesses and echinococcosis

Amoebiasis

Biersack, H. J.; et al., 1977, Therapiewoche, v. 27 (20), 4033-4038
amoebic hepatic abscess, humans, diagnosis and treatment analysis using scintigraphy

Amoebiasis

Bobek, V., 1975, Rozhl. Chir., v. 54 (9), 659-661
amoebiasis, child, intestinal perforation, case report

Amoebiasis

hepatic amoebic abscess in children, extensive analysis of pathologic findings of 20 autopsies: Chile

Amoebiasis

Boultbee, J. E.; and Lloyd, D. A., 1979, Brit. J. Radiol. (623), v. 52, 899-901
amoebic liver abscess rupturing into subphrenic space, child, diagnosis using radiography followed by ultrasound

Amoebiasis

amoebic hepatic abscesses, human, case reports, potential causes of delay in diagnosis, value of ultrasonic scanning of liver in differential diagnosis

Amoebiasis

Buenemann, H.; Petersen, F.; and Mohr, W., 1976, ROEPO, v. 124 (2), 126-131
human hepatic amoebiasis, size, localization and course of hepatic abscesses evaluated by scintigraphy and compared with clinical symptoms, use in diagnosis

Amoebiasis

Capdevielle, P., 1979, Med. Trop., v. 39 (6), 643-649
digestive endoscopy in tropical environments, special aspects and problems, includes diagnosis of amoebiasis, oxyuriasis, and Schistosoma mansoni involving the gastric mucous membrane: Tananarive, Madagascar

Amoebiasis

Capron, A.; et al., 1974, Tijdschr. Gastro-enterol., v. 17 (3), 17-23
hepato-biliary parasitic infections, humans, use of immunologic diagnostic techniques for post-therapeutic evaluations

Amoebiasis

human hepatic amoebic abscess, diagnosis by angiography

Amoebiasis

human hepatic amoebic abscess, diagnosis, peritoneoscopy

Amoebiasis

human hepatic amoebic abscess, ultrasonographic studies on 50 patients, usefulness of this diagnostic method

Amoebiasis

human hepatic amoebic abscess, side effects of currently used amoebicides (emetine, chloroquine, metronidazole, aminosidine)

Amoebiasis

human amoebiasis with hepatic abscess, clinical diagnosis confirmed by X-ray, laboratory studies and liver scan, therapy with tinidazole resulted in 93% cure rate: Mexico

Amoebiasis

liver abscesses, human amoebic and pyogenic, extensive clinical review: Taiwan

Amoebiasis

human gangrenous amoebic colitis, case reports, clinical findings, medical care, indications for surgical intervention
Amoebiasis
amoebic liver abscess, human, prevalence, clinical aspects, diagnostic significance of erythrocyte sedimentation rate and aspiration biopsy: Cape Town

Amoebiasis

Amoebiasis

Amoebiasis
Cross, J. H., 1973, Taiwan J. Internat. Med., v. 25 (3), 113-116 evaluation of the use of corticosteroids in infectious and parasitic diseases, generally contraindicated in parasitic diseases such as toxoplasmosis, malaria, amoebiasis, pneumocystosis

Amoebiasis
DeNardo, G. L.; et al., 1974, Radiology, v. 111 (1), 135-141 amoebiasis, echinococcosis, humans, hepatic lesions diagnosed by means of scintiagraphic patterns

Amoebiasis

Amoebiasis
Doury, P.; et al., 1977, Semaine Hop. Paris, v. 53 (22-23), 1359-1363 parasitic rheumatism, humans, diagnosis, management, possible immuno-allergic mechanism

Amoebiasis

Amoebiasis
Eggleston, F. C.; et al., 1978, Surgery, St. Louis, v. 83 (5), 536-539 amoebic liver abscess, human, indications for surgery, operative procedures, and surgical results, 83 cases reviewed

Amoebiasis
Elhence, I. P.; Agrawal, B. M.; and Sharma, B. D., 1979, Internat. Surg., v. 64 (1), 57-61 amoebiasis, 7 patients, necrotic abscesses, review of 10 cases, pathology, diagnosis, surgical therapy: India

Amoebiasis

Amoebiasis
Faiivre, J.; Auche, Y.; and Trojani, M., 1972, Semaine Hop. Paris, v. 48 (41), 2674-2676 amoebiasis, human, chronic colitis, case report: France, had resided in Indonesia and Indo-China

Amoebiasis
Felgner, P., 1977, Tropenmed. u. Parasitol., v. 28 (4), 491-493 amebic abscess, human, serodiagnosis, comparison of results using Stick-ELISA (enzyme-linked immunosorbent assay) and those obtained by complement fixation, indirect hemagglutination, counterelectrophoresis, and latex agglutination

Amoebiasis

Amoebiasis
Fernandez Rojas, E., 1974, Semana Med. Mexico (1025), an. 21, v. 81 (1), 5-8 amoebiasis, hepatic abscess, child, clinical case report

Amoebiasis

Amoebiasis
Fortoul, T. I.; Celis B., M. E.; and Cano Valle, F., 1976, Rev. Mexicana Radiol., v. 30 (3), 159-147 human hepatic amoebic abscess with extension to diaphragm and with bronchial fistula, case report, radiographic follow-up: Mexico

Amoebiasis
Galvis Empinosa, H.; and Clavijo, G., 1975, Temas Escogidos Gastroenterol., v. 18, 137-175 amoebic hepatic abscess, human, analysis of 53 cases, diagnosis, therapy, complications

Amoebiasis

Amoebiasis
Gelfand, D. W., 1975, Seminars Roentgenol., v. 10 (3), 177-185 hepatic calcifications, human, radiologic diagnosis by plain film, includes information on amoebiasis and echinococcosis

Amoebiasis
Giacchino, J. L.; et al., 1978, Surg., Gynec. and Obst., v. 146 (4), 599-603 amoebic colitis with concurrent ulcerative colitis, humans, diagnostic and therapeutic problems involved, medical management
Amoebiasis
human hepatic amoebiasis, comparison of colloidal and ionic 113mIn in differential diagnosis from neoplasms

Amoebiasis
Gutierrez Samperio, C.; et al., 1976, Semana Med. Mexico (1106), an. 23, v. 87 (10), 293-297
amoebiasis, human, severe invasive intestinal infection, metronidazole administered parenterally with good results

Amoebiasis
testinal amoebiasis in pregnant women, diagnostic difficulties, evidence of increased virulence and appearance of severe complications, clinical review of 6 cases: Colombia

Amoebiasis
analysis of adult admissions and deaths in a teaching hospital, includes information on hookworm anaemia and amoebic hepatitis: Nigeria

Amoebiasis
radioactive sodium selenite, differential diagnosis of hepatic lesions including human amoebic abscesses

Amoebiasis
Housein Abdo, E. S.; Fonseca Cruz, J. L.; and de la Cruz, A. V., 1976, Rev. Cubana Cirug., v. 15 (6), 707-722
human hepatic amoebic abscess, statistics of 50 cases and review of surgical management: Cuba

Amoebiasis
Ingelet, B., 1974, Rev. Infirm. Afrique Noire (26), 17-19
human amoebic colitis, clinical trials testing contramical given orally over a 4-day period, good therapeutic results

Amoebiasis
Intrasupt, S.; et al., 1976, Siriraj Hosp. Gaz., v. 28 (1), 1-7
amoebiasis, human hepatic abscess, diagnosis and differentiation from hepatic carcinoma using technitium citrate as a liver scanning agent

Amoebiasis
intestinal parasites, humans, current therapeutics, review

Amoebiasis
Kang, S. Y., 1972, Taehan Uihak Hyophoe Chi (J. Korean Med. Ass.), v. 15 (6), 470-474
pulmonary parasitic diseases, human

Amoebiasis
antibody levels against several parasitic infections in Cercopithecus aethiops pygythrus: South Africa

Amoebiasis
amoebiasis, Nigerian ship's steward with multiple hepatic abscesses, failure to respond to recommended doses of metronidazole, successful treatment with emetine hydrochloride

Amoebiasis
Krettek, J. E.; Goldstein, L. I.; and Busuttil, R. W., 1979, Surg., Gynec. and Obst., v. 148 (4), 552-556
amoebic hepatic abscess, humans, presentations of acute abdomen, differential diagnosis, surgical management, case reports

Amoebiasis
human amoebiasis resulting in perforation of colon, case reports, clinical aspects, surgical therapy

Amoebiasis
human hepatic amoebic abscess, clinical forms, diagnosis, therapy

Amoebiasis
human amoebiasis, epidemiology: Mexico

Amoebiasis
Lee, Y. S., 1979, Trop. and Geog. Med., v. 31 (1), 69-74
pattern of liver diseases in humans, includes information on clonorchiasis, schistosomiasis, ascariasis, and amoebic abscesses: Singapore

Amoebiasis
Limwongsue, K., 1975, Siriraj Hosp. Gaz., v. 27 (11), 1759-1764
amoebiasis, humans, 12 cases with perforation of colon, surgical and clinical management

Amoebiasis
human parasitic diseases imported into Russia by travelers to Africa, Asia, and Latin America, symptoms, clinical management

Amoebiasis
deaths from infectious and parasitic diseases (includes amoebiasis), survey of mortality rates for 1970 and 1975: city of Veracruz

Amoebiasis
de la Loza Saidivar, A.; Cura and Diaz Castro, J., 1976, Siriraj Hosp. Gaz., v. 27 (11), 1759-1764
amoebiasis, humans, 12 cases with perforation of colon, surgical and clinical management

Amoebiasis
amoebiasis, human hepatic abscess, comparison of angiography and scintography as diagnostic methods
Amoebiasis
americ trophozoites in human cervico-vaginal smear, apparent association with use of intrauterine device, removal of device resulted in prompt resolution of cervicitis, case report: Baltimore

Amoebiasis
Mahajan, R. C.; et al., 1976, Indian J. Path. and Microbiol., v. 19 (2), 123-126
amoebiasis, human, diagnosis, evaluation of Serameba, counter-immunoelectrophoresis, and bentonite flocculation tests

Amoebiasis
amoebic liver abscess, humans, serum protein patterns compared with those of patients with primary hepatoma using electrophoresis and immunoelectrophoresis, value in differentiating conditions

Amoebiasis
amoebic pericarditis in association with amoebic hepatic abscess, man, clinical case report, successful therapy of pericardiac punctures and amoebicides: Mozambique

Amoebiasis
amoebic abscess, human hepatic, visualization by tomographic scans after injection of triiodide benzoic acid, useful for diagnosis and treatment evaluation

Amoebiasis
Naidoo, P. M.; et al., 1974, South African Med. J., v. 48 (27), 1159-1160
hepatic amoebiasis, humans, case reviews, differential diagnosis, clinical management, review: Cape Peninsula

Amoebiasis
human amoebic liver abscess with associated esophageal varices, reversal of resulting portal hypertension on successful treatment of abscess, clinical case report

Amoebiasis
intestinal parasites, humans, mean eosinophil count higher in infected patients vs. controls, no correlation between eosinophil levels and different intestinal helminths: Nairobi, Kenya

Amoebiasis
human amoebiasis, diagnostic review of complications resulting from hepatic abscess (secondary bacterial infections, rupture of abscess into thoracic or abdominal cavity, infection spread to skin, formation of cerebral abscess)

Amoebiasis
human hepatic amoebic abscess, therapeutic recommendations (emetine, dehydroemetine, chloroquine, metronidazole)

Amoebiasis
Grozco Hoyos, M.; Franco Marin, S.; and Soto, H., 1975, Temas Escogidos Gastroenterol., v. 18, 255-262
amoebiasis, human acute rectocolitis, tindazole

Amoebiasis
amoebic liver abscess, patients presenting with jaundice, diagnostic problems resulting in delayed therapy often result in fatal complications of hepatic and renal failure

Amoebiasis
pulmonary amoebiasis in man without involvement of liver, diagnosis after expectoration of chocolate colored material, successful therapy of emetine and chloroquine: Spain (had resided previously in Algeria)

Amoebiasis
Perez, J. Y., jr.; et al., 1972, Santo Tomas J. Med., v. 27 (2), 57-64
human amoebic abscess of liver, statistical report on cases seen from 1966-1970 at Santo Tomas University Hospital in Manila

Amoebiasis
Feyron, J. P.; Marbot, J. M.; and Pascal-Suisse, P., 1979, Med. Trop., v. 39 (6), 665-673
amoebic liver abscesses, humans, echography in diagnosis, treatment and surveillance, especially useful in tropical areas

Amoebiasis
Quaderi, M. A.; et al., 1979, Trop. Med. and Hyg., v. 81 (1), 16-19
human hepatic amoebiasis, clinical diagnostic features, treatment trials with tinidazole, 100% cure rate at 2-month follow-up, some side effects: Bangladesh

Amoebiasis
Ramachandran, S.; et al., 1979, Trop. Doctor, v. 9 (4), 164-167
amoebiasis, human hepatic abscess, criteria of diagnostic significance and scoring system for making diagnosis: Sri Lanka

Amoebiasis
pulmonary eosinophilia with asthma-like symptoms, possible relationships with human intestinal parasites, resolution of symptoms after eradication of parasites: Mexico

Amoebiasis
human hepatic amoebic abscess, incidence in women during pregnancy and the puerperium, differential diagnosis, therapy

Amoebiasis
human hepatic amoebic abscess with involvement of the pericardium, case report, diagnosis by fluoroscopy and radioisotopes, surgical management
Amoebiasis

Roumy, G.; et al., 1978, Rev. Franc. Gastro-Enterol. (159), 41-48
human hepatic amoebic abscess, isotope scanning and ultrasonography, combined use for differential diagnostic workup and for therapeutic evaluations

Amoebiasis

Ruitenber, E. J.; et al., 1977, Biomedicine, v. 26 (5), 311-314
human parasitic infections, enzyme-linked immunosorbent assay in diagnosis, brief review

Amoebiasis

Saltzman, D. A.; Smithline, N.; and Davis, J. R., 1978, Am. J. Digest. Dis., n.s., v. 23 (6), 561-567
multiple amoebic abscesses with secondary fulminant hepatic failure, man, fatal illness, diagnosis at post-mortem: area of Arizona-Mexican border

Amoebiasis

Sankale, M.; Coly, D.; and Niang, I., 1974, Therapie, v. 29 (3), 411-415
amoebiasis, children, oral suspension of benzoyl-metronidazole particularly useful therapy

Amoebiasis

Santadvoort, C., 1974, Siriraj Hosp. Gaz., v. 26 (11), 2135-2139
amoebiasis, human, diagnosis

Amoebiasis

Shanov, Iu. A., 1978, Terap. Arkh., v. 50 (8), 70-75
amoebiasis, human hepatic abscess, diagnosis, medical and surgical therapy, case reports

Amoebiasis

human hepatic amoebic abscess, diagnosis, ultrasound

Amoebiasis

Stahel, P.; et al., 1975, Schweiz. Med. Wchnschr., v. 105 (22), 709-714
amoebiasis, human, case reports, diagnostic and therapeutic problems, clinical review

Amoebiasis

fulminating amoebic colitis, humans, indications for surgical intervention, surgical management, case reviews

Amoebiasis

amoebiasis, children suspected to have invasive infection of the colon, radiologic diagnosis

Amoebiasis

human amoebic hepatic abscess, analysis of hospital cases (presenting symptoms, complications, medical and surgical management): Mexico

Amoebiasis

Plasmodium vivax infection in man thought to have hepatic amoebiasis because of complaints of jaundice, fever, and hepatomegaly, after blood smears revealed evidence of malaria man was cured with chloroquine and daraprim: Chile, had made recent visit to Brazil

Amoebiasis

Valencia Torres, L., 1975, Temas Escogidos Gastroenterol., v. 18, 245-252
amoebiasis, human acute and chronic proctocolitis, clinical experiences with tinidazole

Amoebiasis

amoebiasis, human hepatic abscess, scanning and selective hepatic arteriography for diagnosis and differential diagnosis

Amoebiasis

probable amoebic pancreatic granuloma, human, case report emphasizing the value of clinical history in diagnosing gastrointestinal pathology

Amoebiasis

amoebiasis, humans, pleuropulmonary complications: Taiwan

Amoebiasis

amoebiasis, intestinal and hepatic human forms, diagnosis by indirect immunofluorescence of dried blood samples, value in seroepidemiologic studies

Amoebiasis

amoebic hepatic abscess, humans, intermuscular rupture into abdominal wall with presentation of appendicitis, diagnostic problems, case reports: Sri Lanka

Amoebiasis

centenary of discovery of causative agent of amoebiasis by F. A. Lesh

Amoeboid organism, illus.

Crassostrea virginica (intestinal epithelium, digestive diverticula): New Haven Harbor, Connecticut

Amphimonas intestinalis Diesing (1865)

as syn. of Hexamita intestinalis Dujardin, 1841

Amyloodinium ocellatum

Paperna, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 10 (2), 173-175
Sparus aurata (gills): marine cultures in France
Anaplasma
complement activity and conglutinative activity, preservation in bovine sera stored under 4 conditions, freezing at -57C most effective

Anaplasma
Anaplasma, cattle and sheep (both exper.), blood changes before and after treatment with terramycin injectable solution

Anaplasma
Smith, R. D., 1977, Interciencia, v. 2 (6), 335-344
current world research on ticks and tick-borne diseases of food producing animals, review

Anaplasma sp., illus.
Anaplasma sp. Pawhuska isolate, heifer (exper.), ultrastructure of anaplasmal inclusions and their appendages in intact and hemolyzed erythrocytes and in complement-fixation antigen, importance of preparatory treatment in visualization of inclusion bodies

Anaplasma [sp.]
sheep (blood): Karnataka

Anaplasma centrale
Halik, J., 1977, Veterinarstvi, v. 27 (10), 469-471
Babesia, Theileria, Anaplasma, diagnostic problems, review: North Africa

Anaplasma centrale
Anaplasma centrale, patent infection in splenectomised calves reared in contact with infected cows under tick-free conditions and exposed to blood-sucking insects, results suggest that mechanical transmission by insects may be a significant factor in the epizootiology of anaplasmosis: Rhodesia

Anaplasma centrale
Minami, T., 1977, Japan Agric. Research Quart., v. 11 (4), 234-238
Japanese Babesia sp., cattle (exper.), capillary-tube agglutination test, discrimination from B. bigemina and B. argentina was almost possible, no cross reactions with other protozoa

Anaplasma marginale
Ajayi, S. A.; Wilson, A. J.; and Campbell, R. S. F., 1978, Research Vet. Sc., v. 25 (1), 76-81
Anaplasma marginale, Brahman-cross steers (exper.), maintained on two nutritional planes, clinico-pathological studies

Anaplasma marginale
Anaplasma marginale-infected bovine erythrocytes, serologic and hematologic response of rabbits; rabbits not susceptible to A. marginale despite specific antibody production as measured by card and complement fixation tests, therefore can not be substituted for calf inoculation as a confirmatory test for anaplasmosis

Anaplasma marginale
Banerjee, D. P.; et al., 1978, Trop. Animal Health and Prod., v. 10 (2), 83-86
Anaplasma marginale, cattle, diagnosis, tube agglutination test, use of spleen antigen of infected calf

Anaplasma marginale
Bauer, F.; Raether, W.; and Seeger, K., 1978, Cahiers Bleus Vet. (27), 265-271
protozoal disease in exper. hosts, enhanced effect of berenil + reverin vs. berenil alone

Anaplasma marginale
Anaplasma marginale, splenectomized and intact calves (exper.), changes in serum total lipid, lipoprotein, and serum proteins during infection and recovery

Anaplasma marginale
Anaplasma marginale, cows, chemically modified Anaplasma antigen induced cell-mediated immune response with diminished antibody response to contaminating erythrocyte antigens; only cows given standard Anaplasma antigen (not chemically modified) developed Anaplasma antibodies and significant bovine erythrocyte antibody titer

Anaplasma marginale
protozoans, icteric cattle carcasses, routine examination of blood and spleen smears: Sinoia abattoir, Rhodesia

Anaplasma marginale
Anaplasma marginale, attempted transmission by Haemaphysalis longicornis to cattle from carrier steer not successful

Anaplasma marginale
Anaplasma marginale-induced bovine abortions, 5 case reports, stress-lowered resistance may predispose cows to abortion: Sao Paulo State, Brazil

Anaplasma marginale
Anaplasma marginale, Babesia bigemina, B. argentina, Boophilus microplus, cattle, prevalence and distribution: eastern plains of Colombia
Anaplasma marginale
Anaplasma marginale, Babesia bigemina, age at which calves in endemic area first become infected, packed cell volumes and clinical symptoms, mild clinical response and rapid recovery indicate that protection of native calves through immunization or other procedures prior to natural exposure would be of questionable value: north coast area of Colombia

Anaplasma marginale
Davis, W. C.; et al., 1978, Infect. and Immun., v. 22 (2), 597-602
Anaplasma marginale, short-term in vitro culture in bovine erythrocytes, evidence of DNA and protein synthesis

Anaplasma marginale
Anaplasma marginale, fluorescein diacetate viability-staining technique

Anaplasma marginale
Anaplasma marginale, limiting membrane of anaplasal inclusion body determined to be of erythrocytic origin by immunoferritin labeling, endocytosis seems reasonable mechanism for entry of anaplasal initial body into erythrocyte

Anaplasma marginale
Galhotra, A. P.; et al., 1979, Indian Vet. J., v. 56 (6), 466-469
Anaplasma marginale, splenectomized calves (exp.), blood proteins, bilirubin and icterus index, bone marrow changes

Anaplasma marginale
Anaplasma marginale, calf, diagnosis, comparisons of complement-fixation, indirect fluorescent antibody, and card agglutination tests

Anaplasma marginale
Halik, J., 1977, Veterinarstvi, v. 27 (10), 469-471
Babesia, Theileria, Anaplasma, diagnostic problems, review: North Africa

Anaplasma marginale
Anaplasma marginale, Antilocapra americana not found to be infected, complement fixation test not useful for detection: eastern Montana

Anaplasma marginale
cell-mediated immune reactions in diseases of the bovine, review including brief section on Anaplasma marginale

Anaplasma marginale
Anaplasma marginale, in vitro cultivation in normal ovine and bovine erythrocytes, transmission from infected ovine to normal bovine cells demonstrated, growth patterns

Anaplasma marginale
Anaplasma marginale Pawhuska isolate, ultrastructural localization of anaplasal antigens with ferritin-conjugated antibody, antigenic sites appear to be outer surface of pellicle, chromatin of initial body, and inclusion appendage

Anaplasma marginale
Protozoa as cause of abortions in cows: district of Rousse

Anaplasma marginale
Anaplasma marginale, splenectomized calves (exp.), 2 formulations of oxytetracycline (T-200 and T-50), doxycycline, drug efficacies, influence of treatment on parasitemia and packed cell volume

Anaplasma marginale
Anaplasma marginale, cows (exp.), relative efficacy of a long-acting oxytetracycline (termaramycin) compared with a presently available oxytetracycline (liquamycin), both formulations highly effective and resulted in rapid recovery

Anaplasma marginale
Babesia argentina, cattle (nat. and exper.), diagnosis by rapid latex agglutination test applicable in field, specificity relative to infections with Babesia bigemina and Anaplasma marginale, comparison of results with complement fixation and indirect fluorescent antibody tests

Anaplasma marginale
Magonigle, R. A.; and Eckblad, W. P., 1979, Cornell Vet., v. 69 (4), 402-410
Anaplasma marginale in non-splenectomized Cervus canadensis canadensis (exp.), hematologic, serologic, and clinical studies, diagnosis of carrier state by plasma and serum rapid card agglutination tests
Anaplasma marginale
Anaplasma marginale, cattle (exper.), efficacy of new long-acting oxytetracycline formulation (Liquamycin/LA-200), 1 intra-muscular injection, comparison with Liquamycin injectable L-50 administered on 2 consecutive days
Anaplasma marginale
Anaplasma marginale, indigenous goats, 5 clinical cases, oxytetracycline hydrochloride: India
Anaplasma marginale, illus.
Anaplasma marginale, ultrastructure within and outside Aedes albopictus cells in vitro, reproduction not seen
Anaplasma marginale
Anaplasma marginale, buffaloes, use of both capillary tube agglutination test and blood-film examination recommended for survey and diagnostic purposes: Egypt
Anaplasma marginale
Minami, T., 1977, Japan Agric. Research Quart., v. 11 (4), 234-238
Japanese Babesia sp., cattle (exper.), capillary tube agglutination test, discrimination from B. bigemina and B. argentina was almost possible, no cross reactions with other protozoa
Anaplasma marginale
Anaplasma marginale, calves (exper.), comparative efficacy of several drugs
Anaplasma marginale
crossbred cows, case report: Philippines
Anaplasma marginale, illus.
Anaplasma marginale, case report, two crossbred cows (blood), clinical signs, hematological picture, pathology: Philippines
Anaplasma marginale
Anaplasma marginale, incidence survey, Zebu trade cattle: Nigeria
Anaplasma marginale
Osorno, B. M.; et al., 1973, Tecn. Pecuaria Mexico (24), 57-63
Anaplasma marginale, cattle, University of Illinois attenuated vaccine highly effective and safe, challenged with virulent Mexican Anaplasma strain
Anaplasma marginale
Anaplasma marginale complement fixation test antigens, liquid nitrogen storage by a multiple small aliquot technique
Anaplasma marginale
Anaplasma marginale, cattle, prevalence and distribution, card test: Colombia
Anaplasma marginale Theiler
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
Anaplasma marginale
Babesia bovis, B. bigemina, Anaplasma marginale, presence in Friesian calves placed in Boophilus microplus infested environment and later splenectomised: Paraguay
Anaplasma marginale
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years
Anaplasma marginale
Anaplasma marginale, cattle, some long-lasting immunity persists after elimination of carrier status with oxytetracycline hydrochloride
Anaplasma marginale
Anaplasma marginale, bovine, immunofluorescence and complement fixation tests evaluated: Cuba
Anaplasma marginale
Anaplasma marginale, calves (exper.), elimination of carrier state using long-acting formulation of oxytetracycline
Anaplasma marginale, illus.
Rodriguez, O. N.; et al., 1975, Folia Vet., v. 19 (1-2), 221-231
ganado vacuno (eritrocitos): Cuba
Anaplasma marginale
Rodriguez, O. N.; et al., 1975, Folia Vet., v. 19 (1-2), 243-248
Anaplasma marginale, isolation of DNA and its basic components (adenin, cytosine, guanin, and thymin) by microspectro-photometric methods
Anaplasma marginale
Rodriguez, O. N.; et al., 1975, Folia Vet., v. 19 (1-2), 249-255
Anaplasma marginale, Paraplanasps caudata, antigenic differences determined by passive hemagglutination and hemagglutination inhibition test

Anaplasma marginale
Rodriguez, O. N.; et al., 1978, Rev. Cubana Clin. Vet., v. 9 (1), 87-90
Anaplasma marginale, Babesia argentina, B. bigemina, cattle of different breeds, serodiagnosis, complement fixation and capillary agglutination microtechniques: Cuba

Anaplasma marginale
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

Anaplasma marginale
Anaplasma marginale, cattle (exper.), conglutinin, immunoconglutinin, and complement levels in peracute and acute stages of infection, study of disease process, possible improvement of card agglutination test

Anaplasma marginale, illus.
Anaplasma marginale in Bubalus bubalis (exper.), clinical course, haematological changes, effect of immunosuppressants

Anaplasma marginale
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

Anaplasma marginale
Stewart, C. G.; et al., 1979, J. South African Vet. Ass., v. 50 (2), 83-85
Anaplasma marginale, splenectomized calves (nat. and exper.), oxytetracycline, long-vs. short-acting formulation

Anaplasma marginale
Anaplasma marginale, cattle, serological survey, chlortetracycline, oxytetracycline, good results, concluded that test and treatment program would need to be continued for several years to achieve anaplasmosis-free status: northern Idaho; southeastern Washington

Anaplasma marginale
Swift, B. L.; and Paumer, R. J., 1978, Theriogenology, v. 10 (5), 395-405
Anaplasma marginale, heifers in third trimester of gestation (exper.), fetus and dam arterial blood gases and pH measured, death of fetus following progressive parasitic anemia in dam is attributed to fetal anoxia

Anaplasma marginale
Swift, B. L.; Settlemire, J., jr.; and Thomas, G. M., 1978, Theriogenology, v. 10 (6), 481-485
Anaplasma marginale, pregnant heifers (exper.), oxytetracycline hydrochloride, did not abort and transplacental transmission did not occur

Anaplasma marginale
Thompson, K. G.; et al., 1978, Trop. Animal Health and Prod., v. 10 (2), 75-81
Anaplasma marginale, Babesia argentina, B. bigemina, cattle under tropical conditions, immunization with virulent organisms followed by drug therapy (ganaseg; gloxazone; emicina) vs. chemoprophylaxis (imidocarb); tick and gastrointestinal parasite control without haemoparasitic control had advantage over no control system at all

Anaplasma marginale
Todorovic, R. A.; Gonzalez, E.; and Garcia, O., 1979, Tropenmed. u. Parasitol., v. 30 (1), 43-52
Anaplasma marginale, Babesia bigemina, B. argentina (bosis), immunization and chemoprophylaxis of Bos taurus calves and subsequent challenge with Boophilus microplus, economic gain estimated: Colombia

Anaplasma marginale
Todorovic, R. A.; Gonzalez, E. F.; and Garcia, O., 1979, Tropenmed. u. Parasitol., v. 29 (2), 210-214
Anaplasma marginale, Babesia spp., calves, immunization, cryo-preserved vaccines, effects of dose, inoculation route, time, and temperature

Anaplasma marginale
Todorovic, R.; Gonzalez, E.; and Lopez, G., 1978, Tropenmed. u. Parasitol., v. 30 (2), 236-238
Anaplasma marginale, cattle (exper.), new, long-acting injectable oxytetracycline (tetracycline/LA) compared with commercial preparation (emicina)

Anaplasma marginale
Anaplasma marginale, Babesia spp., calves, immunization, cryo-preserved vaccines, effects of dose, inoculation route, time, and temperature

Anaplasma marginale
Anaplasma marginale, response of calves inoculated with 3 different doses of attenuated A. marginale vaccine and subsequently challenged with a virulent strain; effects of field challenge exposure in calves inoculated with Anaplasma vaccine and preimmunized with both Babesia bigemina and B. argentina: Colombia
Anaplasma marginale
Anaplasma marginale, cattle, comparison of 4 serological tests for detection of humoral antibodies (capillary agglutination, complement fixation, plate agglutination, and indirect fluorescent antibody)

Anaplasma marginale
Anaplasma marginale, cattle and splenectomised calves (exper.), long-acting formulation of tetracycline compared with standard tetracycline and imidocarb diproprionate

Anaplasma marginale
Anaplasma marginale, Bos indicus cross steers (exper.), effects of reduced energy intake on humoral antibody response, parasitaemia, body weight, packed cell volumes, and plasma protein values

Anaplasma marginale
Anaplasma marginale, calves, comparative immunization systems using attenuated organism, a killed adjuvant, and virulent A. marginale

Anaplasma marginale
Anaplasma marginale, calves, pathogenesis of a virulent vs. non-virulent Columbian strain, possible application for immunization

Anaplasma mesaeaterum sp. n., illus.
Uilenberg, G.; van Vorstenbosch, C. J. A. H. V.; and Perie, N. M., 1979, Vet. Quart., v. 1 (1), 14-22
Anaplasma mesaeaterum sp. n., sheep (nat. and exper.) and goats (exper.), pathogenicity, oxytetracycline treatment, cross-immunity tests with A. ovis: Ameland, the Netherlands

Anaplasma ovis
Anaplasma ovis, piroplasms, sheep, pure and mixed infections: Turkmenia

Anaplasma ovis
Anaplasma ovis, sheep (exper.), no apparent variation in blood sugar values observed during infection

Anaplasma ovis Lestoquard, 1924
Uilenberg, G.; van Vorstenbosch, C. J. A. H. V.; and Perie, N. M., 1979, Vet. Quart., v. 1 (1), 14-22
Anaplasma mesaeaterum sp. n., sheep (nat. and exper.) and goats (exper.), pathogenicity, oxytetracycline treatment, cross-immunity tests with A. ovis: Ameland, the Netherlands

Anaplasmosis
anaplasmosis in beef cattle, estimation of economic loss in 1976: California

Anaplasmosis
anaplasmosis, Siberian ibex, case history: hunting ranch

Anaplasmosis
anaplasmosis, bovine, prevalence, complement fixation test, no difference in regard to age, sex or breed of host: San Miguel, El Salvador

Anaplasmosis
Mordasov, P. M.; Golovnev, V. I.; and Zakharik, N. V., 1977, Vet. Nauka--Proizvod., Trudy, Minsk, v. 15, 93-95
anaplasmosis, bovine, treatment with oxytetracycline

Anaplasmosis
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia

Anaplasmosis
Reshetniak, V. Z.; Bartenev, V. S.; and Firsov, N. P., 1977, Veterinaria, Moscow (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

Anaplasmosis
Rodriguez, O. N.; et al., 1977, Rev. Cubana Cien. Vet., v. 8 (1), 71-77
anaplasmosis, bovine (exper.), clinical picture and course of infection, pure infection uncomplicated by other hemoparasites

Anaplasmosis
Rodriguez, O. N.; et al., 1977, Rev. Cubana Cien. Vet., v. 8 (2), 9-12
anaplasmosis, bovine, diagnosis by complement fixation in perspex plates

Anaplasmosis
anaplasmosis, ruminants, epizootiology, immunity, prophylaxis, and pathology, review

Anaplyfora hispanici sp. n., illus.
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275
Chrysocarabus hispanus (intestin): Martres (Aveyron)

Anaplyfora penetrati sp. n., illus.
Penetretus rufipennis (intestin): Herault (St-Pons)

Andreula Kahl, 1934
Hymenostomatida, Tetrahymenina, Entodiscidae fam. n.
  subgen. of Zelleriella, key

Antunesia Amaro, 1966
  subgen. of Zelleriella
  key to species

Apicomplexa
  Sporozoal subphylum Apicomplexa, terminology for invasive stages, only two basic terms (sporozoite and merozoite) are currently recognized

Apiosoma sp.
  Armas, G., 1979, J. Fish Dis., v. 2 (6), 543-547
  Mugil cephalus (body surface, gills): Rio Moche coastal lagoon, northern Peru

Apiosoma amurensis sp. n. Banina and Iukhimenko, illus.
  subgen. of Opalina
  key to species

Ariosoma baueri
  protozoans of young predatory fish, extent of infection correlated with some environmental factors
  [Esox lucius]: Vrevo Lake, Leningrad district

Ariosoma fungiformis sp. n. Banina and Iukhimenko, illus.
  subgen. of Opalina
  type sp.: Zelleriella (Antunesia) antunesi
  Pesso, 1934

Ariosoma annuaensis sp. n. Banina and Iukhimenko, illus.
  subgen. of Opalina
  type sp.: Zelleriella (Antunesia) antunesi
  Pesso, 1934

Anosolaria subgen. n.
  subgen. of Opalina
  type sp.: Zelleriella (Antunesia) antunesi
  Pesso, 1934

Anosolaria
  key

Anthorhynchus hanumanthi n. sp., illus.
  Odontotermes sp. (midgut, faecal matter): Andhra University at Walton

Anthorhynchus
  key

Anthosoma garnhami
  Plasmodium, Babesia, and Anthemosoma spp. in mouse erythrocytes, identification of enzymes of parasite origin using starch-gel electrophoresis

Antunesia
  key

Apicomplexa
  Sporozoal subphylum Apicomplexa, terminology for invasive stages, only two basic terms (sporozoite and merozoite) are currently recognized

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  Pesso, 1934

Ariosoma annuaensis sp. n. Banina and Iukhimenko, illus.
  subgen. of Opalina
  type sp.: Zelleriella (Antunesia) antunesi
  Pesso, 1934

Ariosoma
  key

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  Sporozoal subphylum Apicomplexa, terminology for invasive stages, only two basic terms (sporozoite and merozoite) are currently recognized

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  subgen. of Opalina
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  Pesso, 1934

Ariosoma annuaensis sp. n. Banina and Iukhimenko, illus.
  subgen. of Opalina
  type sp.: Zelleriella (Antunesia) antunesi
  Pesso, 1934

Ariosoma
  key
Apiosoma 1opuchinae sp. n. Iunchis, illus.
Iunchis, O. N.; Banina, N. N.; and Iukhimenko, S. S., 1975, Parazitologiia, Leningrad, v. 9 (1-9), 93-95
[Rutilus rutilus]: lake Vrevo, Leningrad oblast

Apiosoma megamicronucleata
iaistva, Leningrad, v. 93, 117-120 protozoans of young predatory fish, extent of infection correlated with some environmental factors [Lota lota]
[Esoc lucius]
all from lake Vrevo, Leningrad district

Aplosoma olae sp. n. Iunchis, illus.
Iunchis, O. N.; Banina, N. N.; and Iukhimenko, S. S., 1975, Parazitologiia, Leningrad, v. 9 (1), 93-95
[Rutilus rutilus]
[Alburnus alburnus]
[Leuciscus idus]
all from lake Vrevo, Leningrad district

Aplosoma piscicolae
iaistva, Leningrad, v. 93, 117-120 protozoans of young predatory fish, extent of infection correlated with some environmental factors [Esoc lucius]
[Perca fluviatilis]: Vrevo Lake, Leningrad district

Aplosoma schulmani
iaistva, Leningrad, v. 93, 117-120 protozoans of young predatory fish, extent of infection correlated with some environmental factors [Lota lota]: Vrevo Lake, Leningrad district

Apodinium [sp.], illus.
Cachón, J.; and Cachón, M., 1979, Arch. Protis-
tenk., v. 122 (3-4), 267-274 Apodinium [sp.], morphology, singular kinetochrome structure

Apolyostis herculae (Bosanquet, 1894) Meier, 1956, illus.

Apolyostis iridodrilli sp. n., illus.
Segun, A. O., 1978, J. Protozool., v. 25 (2), 157-162 Iridodrilus roseus (seminal vesicles): Osh-
ogbo and Ile-Ife, Western Nigeria; Benin, Sa pel, Warri, and Ughelli, Mid-western Nigeria
I. preussi (seminal vesicles): Vom and Jos, Benue Plateau, Nigeria

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Apolyostis libyodrilli sp. n.

Arachnocystis gen. n.
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Hirmanocystidae
tod: A. arachnoidea (Devdhar & Gourishan-
kar, 1971) comb. n.
Arachnocystis arachnoidea (Devdhar & Gourishan-
kar, 1971) comb. n. (tow)
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Syn.: Sycia arachnoidea Devdhar & Gourishan-
kar, 1971 Opalina sp. (intestine): India
Arachnocystis nitida (Geus, 1969) comb. n.
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Syn.: Gregarina nitida Geus, 1969 Ori bata clavipes (intestine): Germany
Arachnocystis oribatae (Geus, 1969) comb. n.
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Syn.: Gregarina oribatae Geus, 1969 Ori bata genitalis (intestine): Germany
Arachnocystis scutovertexi (Erhardova, 1955) comb. n.
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Syn.: Gregarina scutovertexi Erhardova, 1955 Scu tovertex minutus: Czechoslovakia

Ascocystis barretti
Müller, B. R.; and DeFoliart, G. R., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 1064-1066 Ascocystis barretti does not seem to be mechanism for dispersal of La Crosse virus infection via Aedes triseriatus larvae nor does concomitant parasite infection increase virus infection in larvae

Astasia ovorum, illus.

Atoxoplasma sp.
Greiner, E. C.; and Mundy, P. J., 1979, J. Parasitoll., v. 65 (1), 147-153 hematooza from southern African vultures, prevalence, host age class, seasonal variation Torgos tracheliotus Gypis africanus all from Rhodesia

Auerbachia Meglichtsch, 1968 emend.

Auerbachia sphaerica sp. n., illus.

Babesia
Bayle, J.; et al., 1979, Nouv. Presse Med., v. 8 (44), 5674 [Letter]
piroplasmosis, male vagabond, case report, clinical management, differential diagnosis

Babesia
Trypanosoma, Plasmodium, Babesia, antigenic variation (nature, consequences for protective immunity, possible implications for other protozoan infections), colloquium presentation

Babesia
malaria, piroplasmosis, and endotoxin, brief review of recent work

Babesia
bovine babesiosis, incidence, causal agents, diagnosis, clinical aspects, influence on human health: Belgium

Babesia
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

Babesia
biochemistry of parasitic protozoa, textbook: methodology; catabolism and generation of energy; nucleic acid metabolism; protein metabolism; lipid metabolism; biochemical mechanism of drug action; isolation of parasitic protozoa from infected animals; culture of parasitic protozoa

Babesia
Babesia, Theileria, radiation and isotopic techniques in study and control of piroplasms of cattle, review

Babesia
Babesia antibody, cattle, serological survey using indirect fluorescent antibody technique, regional and seasonal distribution: Seoul, Jeon-buk, and Jeju areas, Korea

Babesia
Krylov, M. V., 1971, Parazitologiia, Leningrad, v. 5 (5), 201-208
Piroplasmida, distribution in different host groups and zoogeographic regions, speculations on phylogeny

Babesia
Krylov, M. V.; and Krylova, N. P., 1972, Parazitologiia, Leningrad, v. 6 (6), 493-505
Piroplasmida, analysis of host specificity

Babesia
demonstration of antibodies to Protozoa, extensive review

Babesia
immune response to Babesia, review

Babesia
Smith, R. D., 1977, Interciencia, v. 2 (6), 335-344
current world research on ticks and tick-borne diseases of food producing animals, review

Babesia
Babesia, cattle, efficacy of trypan blue, tryphaflavin, acaprin, berenil, and pyrodia (berenil and pyrodia superior to other drugs)

Babesia
Wilson, R. J. M., 1974, Ciba Found. Symp., n.s. (25), 185-203
soluble parasite antigens, possible modes of interference with immune response, review

Babesia
circulating antigens of parasites, source, nature, fate, and possible effects on immune response, colloquium presentation

Babesia
Wright, I. G., 1979, Gen. Pharmacol., v. 10 (4), 319-325
Babesia, Plasmodium, Trypanosoma, kallikrein-kinin system, mechanisms of activation (parasite enzymes, immune complexes), role in hypotensive shock syndrome of infected animals, review

Babesia
[sp.]
Sorex araneus
S. minutus
Taipa europaea
Pipistrellus pipistrellus
Apodemus sylvaticus
Arvicolia amphibius
Clethrionomys glareolus
Micromys minutus
Microtus agrestis
all from Britain

Babesia
sp. (Japanese Babesia sp.)
Minami, T., 1977, Japan Agric. Research Quart., v. 11 (4), 234-258
Japanese Babesia sp., cattle (exper.), capillary-tube agglutination test, discrimination from B. bigemina and B. argentina was almost possible, no cross reactions with other protozoa

Babesia, Japanese species
Babesia bigemina and Japanese Babesia species can be serologically differentiated by the complement fixation and capillary-tube agglutination tests
Babesia spp., calves, immunization, cryo-preserved vaccines, effects of dose, inoculation route, time, and temperature

Babesia argentina
Rodriguez, O. N.; et al., 1977, Rev. Cubana Clen. Vet., v. 8 (2), 1-7
Babesia argentina, B. bigemina, bovine, complement fixation test evaluated

Babesia argentina
Rodriguez, O. N.; et al., 1978, Rev. Cubana Clen. Vet., v. 9 (1), 87-94
Anaplasma marginale, Babesia argentina, B. bigemina, cattle of different breeds, sero-diagnosis, complement fixation and capillary agglutination microtechniques: Cuba

Babesia argentina, illus.
Babesia bigemina and B. argentina, morphological differentiation using smears and tissue sections of splenectomized calf organs (liver, lung, kidney, heart, lymph node, brain)

Babesia argentina
Thompson, K. C.; et al., 1978, Trop. Animal Health and Prod., v. 10 (2), 75-81
Anaplasma marginale, Babesia argentina, B. bigemina, cattle under tropical conditions, immunization with virulent organisms followed by drug therapy (ganaseg; gloxazone; emicina) vs. chemoprophylaxis (imidocarb); tick and gastrointestinal parasite control without haemoparasitic control had advantage over no control system at all

Babesia argentina (bovis)
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

Babesia argentina
Anaplasma marginale, Babesia spp., calves, immunization, cryo-preserved vaccines, effects of dose, inoculation route, time, and temperature

Babesia argentina
Anaplasma marginale, response of calves inoculated with 3 different doses of attenuated A. marginale vaccine and subsequently challenged with a virulent strain; effects of field challenge exposure in calves inoculated with Anaplasma vaccine and preimmunized with both Babesia bigemina and B. argentina: Colombia

Babesia argentina
Wright, I. G.; and Goodger, B. V., 1977, Ztschr. Parasitenk., v. 53 (1), 63-73
Babesia bigemina, calves, plasma studies for changes in coagulation system and kaikkelrein levels; comparisons with B. argentina bovine infections discussed
Babesia berbera
Halik, J., 1977, Veterinarstvi, v. 27 (10), 469-471
Babesia, Theileria, Anaplasma, diagnostic problems, review: North Africa

Babesia bigemina
protozoans, icteric cattle carcases, routine examination of blood and spleen smears:
Sinoia abattoir, Rhodesia

Babesia bigemina
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

Babesia bigemina
Babesia bigemina- B. bovis-immunized resistant 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

Babesia bigemina
Anaplasma marginale, Babesia bigemina, B. argentina, Boophilus microplus, cattle, prevalence and distribution: eastern plains of Colombia

Babesia bigemina
Anaplasma marginale, Babesia bigemina, B. argentina, Babesia microplus, cattle, prevalence and distribution: eastern plains of Colombia

Babesia bigemina
Babesia bigemina- and B. bovis-immunized Res 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

Babesia bigemina
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

Babesia bigemina
Babesia bigemina, calves (exper.), indirect hemagglutination test, antibodies detected 14 days after infection, single and multiple exposures compared

Babesia bigemina
Babesia bigemina, calves (exper.), diagnosis, capillary tube agglutination test

Babesia bigemina
Dwivedi, S. K.; and Gautam, O. P., 1979, Indian J. Animal Sc., v. 49 (8), 664-666
Babesia bigemina, calves (exper.), diagnosis, indirect fluorescent antibody test

Babesia bigemina
Goodger, B. V.; and Wright, I. G., 1977, Ztschr. Parasitenk., v. 53 (1), 53-61
Babesia bigemina, acute cattle infection, plasma contains fibrin in monomer and high molecular weight forms, fibrinogen degradation products not constantly detected, little or no evidence suggesting fibrinolysis or fibrin deposition; suggested that classic disseminated intravascular coagulation not present in B. bigemina infection

Babesia bigemina
Halik, J., 1977, Veterinarstvi, v. 27 (10), 469-471
Babesia, Theileria, Anaplasma, diagnostic problems, review: North Africa

Babesia bigemina
Howard, R. J.; and Rodwell, B. J., 1979, Exper. Parasitol., v. 48 (3), 421-451
Babesia spp., analysis and sorting of red cells from infected mouse or calf blood by flow fluorimetry using 33258 Hoechst (DNA-binding fluorescent bisbenzimidazole dye)

Babesia bigemina
Babesia argentina, B. bigemina, Droughtmaster and Hereford cattle, duration of latent infection and functional immunity following natural infection

Babesia bigemina
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Plasmodium vinckei, Babesia microti, heterologous immunity, simultaneous elimination of the two species from blood of doubly infected mice

Babesia microtia
Sorex araneus (Blut, Herz) Apodemus flavidus (Blut, Herz, Lunge) A. sylvaticus (Blut, Herz, Lunge) Clethrionomys glareolus (Herz, Leber) Microtus arvalis (Lunge) all from Neusiedlerseegebiet, nördlichen Burgenland

Babesia microti, illus.
Herod, E.; Clark, I. A.; and Allison, A. C., 1978, Clin. and Exper. Immunol., v. 31 (3), 518-523
mice infected with attenuated vaccine strain of Brucella abortus are strongly protected against infection with Babesia microti, this non-specific immunity seems to be best explained by stimulation of macrophages so as to release mediator which limits intracellular replication

Babesia microti
Hsueh, H. S.; and Cross, J. H., 1977, Taiwan i Hauheh Hui Tsa Chih (J. Formosan Med. Ass.), v. 76 (12), 950-954
Babesia microti, serologic survey of human rural populations for presence of antibodies using indirect fluorescent antibody test; known prevalence in rodents, findings of survey suggest low human prevalence: Taiwan

Babesia microti
Hussein, H. S., 1979, Exper. Parasitol., v. 47 (1), 1-12
Babesia microti, B. hylomysci, mice, role of spleen during infection, erythrophagocytosis, determination of phagocytic activity of reticuloendothelial system

Babesia microti
Irvin, A. D.; and Young, E. R., 1979, Internat. J. Parasitol., v. 9 (2), 109-114
Babesia spp. of cattle and mice, uptake and metabolism of tritiated nucleic acid precursors

Babesia microti
Babesia spp. of cattle and mice, in vitro uptake of tritiated nucleic acid precursors by intra-erythrocytic stages of parasites
Babesia microti (Franca, 1912), illus.


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

M. arvalis (exper.)

Clethrionomys glareolus (exper.)

Mesocricetus auratus (exper.)

Cricetus griseus (exper.)

Meriones unguiculatus (exper.)

Babesia microti


Plasmodium, Babesia and Anthomosoma spp., comparative study of glucose catabolism by infected mouse erythrocytes, glucose utilization and lactate production of parasites

Babesia microti


Babesia spp., human and animal strains and Anthomosoma garnhami, taxonomic differentiation using biochemical methods (variation in mobility of parasite enzymes on starch gels after electrophoresis, measurement of buoyant densities of DNA)

Babesia microti


Babesia microti, transmission to hamsters and gerbils by Ixodes pacificus and I. scapularis but not by Dermacentor andersoni or D. variabilis

Babesia microti

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: Nantucket and Naushon Islands, Massachusetts

Babesia microti


immature Ixodes dammini, host association and seasonal abundance, role as vectors of Babesia microti: southeastern Massachusetts

Babesia microti


Babesia microti, mice suppressed for IgM production, resistance to infection as reflected by virtual absence of parasites in peripheral circulation

Babesia microti

Ruebush, M. J.; and Hanson, W. L., 1979, J. Parasitol., v. 65 (3), 430-433

Babesia microti, susceptibility of 5 strains of mice to parasites of human origin

Babesia microti


Babesia microti, 65-year-old man, treated with diminazene aceturate after failure to respond to chloroquine therapy, development of acute idiopathic polyneuritis: Nantucket Island
Babesia rodhaini
Babesia rodhaini, centrifugation times and speeds to obtain maximum yield of free parasites following passage of infected blood through sonic oscillation field, infectivity of free parasites in comparison to that of infected red blood cells

Babesia rodhaini
Babesia rodhaini, intact and splenectomized mice, immune serum (IS) delayed onset of parasitemia but neither prevented development of infection nor protected mice from death even with further supplementation of IS, effect of IS greater when parasitized cells incubated in IS were administered with additional IS

Babesia rodhaini
Bauer, F.; Raether, W.; and Seeger, K., 1978, Cahiers Bleus Vet. (27), 265-271
protozoal disease in exper. hosts, enhanced effect of berenil + reverin vs. berenil alone

Babesia rodhaini
acute malaria and babesiosis, hypothesis that endotoxin (lipopolysaccharide) causes both the disease and the parasite death, experiments in mice

Babesia rodhaini
Clark, I. A., 1979, Infect. and Immum., v. 24 (2), 319-325
Babesia spp., Plasmodium vinckei petteri, mice, protection conferred by pretreatment with extract of Coxiella burnetii, possible involvement of interferon or tumor necrosis factor

Babesia rodhaini
Babesia rodhaini, inoculation into mouse embryos on 15th day of gestation, delayed development

Babesia rodhaini
Howard, R. J.; and Rodwell, B. J., 1979, Exper. Parasitol., v. 48 (3), 421-431
Babesia spp., analysis and sorting of red cells from infected mouse or calf blood by flow fluorimetry using 33258 Hoechst (DNA-binding fluorescent bisbenzimidazole dye)

Babesia rodhaini
Irvin, A. D.; and Young, E. R., 1978, Research Vet. Sc., v. 25 (2), 211-214
Babesia spp., drug inhibition of hypoxanthine uptake in vitro could be used as primary screen for babesicidal drugs but drugs showing in vitro activity are not necessarily active in vivo

Babesia rodhaini
Irvin, A. D.; and Young, E. R., 1979, Internat. J. Parasitol., v. 9 (2), 109-114
Babesia spp. of cattle and mice, uptake and metabolism of tritiated nucleic acid precursors
BABESIA RODHAINI


BABESIA spp., mice, dogs, rabbits, enzyme-linked immunosorbent assay suitable for deteetion of antibodies in field surveys, cross-reactions occurred although distinct titer differences could be observed

BABESIA VESPERUGINUS


MINIOPTERUS SCHREIBERSII: Olhos de Agua, near Santarem, Portugal

PBISTRELLES PBOPISTRELLES: Tapada de Mafra, Portugal

BABESIA VOGELI

Halik, J., 1977, Veterinarstvi, v. 27 (10), 469-471

BABESIA, THEILERIA, ANAPLASMA, diagnostic problems, review: North Africa

BABESIASIS, PROBABLY BABESIA DIVERGENS

Bindsell, E.; and Ishbey, F., 1978, Dansk Vet.-Tidskr., v. 61 (20), 980-982

BABESIASIS, PROBABLY BABESIA DIVERGENS, cattle, case histories, acaprin treatment, lxodes ricinus identified on one cow: Laeso

BABESIASIS

Dubovyi, S. Z.; et al., 1977, Veterinarstvi, Moskva (3), 71-72

babesiosis, piroplasmosis, cattle, dimidine as effective chemoprophyaxis under pasture conditions with presence of vector, Boophilus calcaratus, comparison with azidine

BABESIASIS


babesiosis, cattle, up-to-date review of present knowledge: epidemiology, host susceptibility, distribution, clinical manifestations, diagnosis, control, treatment

BABESIASIS


bovine babesiosis, epizootiology, history and current status of Boophilus spp. eradication in Texas

BABESIASIS


ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia

BABESIASIS


babesiosis, cattle, blood transfusion therapy for severe anemia, criteria for use, technique

BABESIASIS


babesiosis, cattle, vaccination experiments to assess immunogenicity of and protection conferred by culture-derived Babesia bovis antigens against tick-borne infection

BABESIOSIS. See BABESIASIS.

BABESIOSOMA

Krylov, M. V.; and Krylova, N. P., 1972, Parazitologiya, Leningrad, v. 6 (6), 493-505

Piroplasmsda, analysis of host specificity

BABESIOSOMA JAKOWSKA AND NIGRELLI


as syn. of Haemohormidium Henry

BABESIOSOMA TETRAGONIS BECKER & KATZ

Ollenschlaeger, B., 1975, Tieraerztl. Prax., v. 3 (1), 99-107

blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

BACILLIDIUM BACILLIFORME (Leger et Hesee, 1922)


as syn. of Toxoglugea bacilliformis (Leger et Hesee, 1922) comb. nov.

BACILLIDIUM TETRASPORUM (Leger et Hesee, 1922)


as syn. of Toxoglugea tetraspora (Leger et Hesee, 1922) comb. nov.

Bacula daphniae Loubes et Akbarieh, sous presse [nom. nud. ?]

Loubes, C.; and Akbarieh, M., 1977, Ztschr. Parasitenk., v. 54 (2), 125-137

Bacula daphniae Loubes & Akbarieh, illus.

Loubes, C., 1979, J. Protozool., v. 26 (2), 200-208

Microsporida, synaptonemal complexes demonstrated in 6 genera but not in Nosema, implications for life cycles

Daphnia pulex, environs de Montpellier

Balanitdiasis

Nikulin, T. G.; Shpak, G. E.; and Savchenko, V. F., 1977, Veterinarstvi, Moskva (10), 80-81

balantddiasis, oesophagostomiasis, mixed infection in swine (exper.), changes in carbonhydrate and alkaline phosphatase activities

[Balanitdiasis] balantiddiamenti


helminths, protozoa, cattle, influence of micro-elements in host diet on infectivity

Balanitdiasis


Endamoeba histolytica, Balantidium, Trichomonas, culture, new simple method

Balanitdiasis spp.


Testudo: Britain

Balanitdiasis-like sp.


parasitic and other diseases of tortoises, necropsy survey

Testudo tornieri (rectum)
Balantidium spp.
swine dysentery, review, possible role of Balantidium spp.

Balantidium coli
Balantidium coli, pigs, large-scale fattening farms, Lincospectin treatment

Balantidium coli
chemotherapy of common intestinal protozoa and helminth infections in humans, review of antiparasitic drugs in current use

Balantidium coli
Buck, A. A.; Anderson, R. I.; and MacRae, A. A.; 1978, Tropenmed. u. Parasitol., v. 29 (3), 253-268
polyparasitism, epidepidemiology, assessment of combined effects of multiple infections on an individual's state of health, comparative analysis of field data obtained from several tropical villages

Balantidium coli
Balantidium col in culture, nitrimidazine and metronidazole tested

Balantidium coli
Sus scrofa (Jejunum, Ileum, Colon): Neu sidedlerseegebiet, nördlichen Burgenland

Balantidium coli, illus.
Papio ursinus (feces): Rhodesia, imported from Northern Transvaal

Balantidium coli
Enterobius vermicularis, Balantidium coli, human, cause of appendicitis, search of surgical case records: Peru

Balantidium coli, illus.
Balantidiosis, colony-born splenectomized Pan troglodytes (mucosal and submucosal layers of colon and caecum; faeces) concomitantly infected with Strongyloides stercoralis and Shigella flexneri, fatal infection, case report

Balantidium coli
Balantidium coli, in vitro, comparative action of dehydroemetine and emetine hydrochloride

Balantidium coli
Balantidium coli and mixed infection with amphilistomes, cattle and bufaloes, incidence and treatment

Balantidium coli, illus.
Balantidium coli, Yanomama Indian, serious dysentery, case report, Ascaris lumbricoides and Trichuris trichiura also present, chlorotetracyline, improved condition: Toototobi, norte do Estado do Amazonas, Brasil

Balantidium coli
Pongo pygmaeus abeli (caecum, colon): Ketame area, Sumatra

Balantidium coli
Balantidium coli, effect of various bacteria on propagation in vitro, on erythropagocytic capability of balantidia, and on susceptibility of balantidia to atebrin, entobex, mexaform, and protargol; Trichomonas hominis, Chlamastix mesnili, and Dientamoeba fragilis found to be without effect; effect of balantidia on bacteria

Balantidium coli
parasitic diseases of swine, intensive rearing, treatment and control measures, review

Balantidium ctenopharyngodonis
Astakhova, T. V.; and Stepanova, G. A.; 1972, Parazitologija, Leningrad, v. 6 (4), 364-368
Ctenopharyngodon idella (intestine): pond and spawning-nursery fisheries, Volga delta

Balantidium ctenopharyngodonis
Chen, 1955, illus.
Balantidium ctenopharyngodon in Ctenopharyngodon idella, gross and microscopic intestinal lesions

Balantidium duodenii (Stein, 1862)
Rana esculenta (intestine): Denmark

Balantidium duodenii Stein, 1862, illus.
synonymy, description
Rana esculenta
R. ridibunda
R. temporaria (strevo of all): all from CSSR

Balantidium elongatum (Stein, 1862)
Triturus cristatus
T. vulgaris (intestine of all): all from Denmark

Balantidium elongatum Stein, 1862, illus.
description
Bombina variegata
Pelobates fuscus
Rana esculenta
R. ridibunda
R. temporaria
Triturus vulgaris
all from CSSR
Balantidium entozoon (Ehrenberg, 1838)
Balantidium entozoon (Ehrenberg, 1838), illus.
description
Bomba bombina
B. variegata
Bufo viridis
B. calamita
Balantidium hyalinum Dobell, 1910
as syn. of B. duodenii Stein, 1862
Balantidium rotundum Bezzonerger, 1903
as syn. of B. duodenii Stein, 1862
Balbiania mucosa Blanchard, 1885
Balbiania mucosa, descriptive history, erroneously indicated as Sarcocystis; "Until it is studied further, its correct name should be considered Eimeria (7) mucosa (Blanchard, 1885) nov. comb."
Besnoitia
Beier, T. V.; Shibalova, T. A.; and Kostenko, L. A., 1976, [Cytology of coccidia], 185 pp., illus.
Besnoitia
Heydorn, A. O., 1979, Berl. u. Munchen. Tierarztld. Wchnschr., v. 92 (11), 214-220
coccidia of cats, life cycle, epidemiology, review
Besnoitia
cyst-forming coccidia, life cycle, taxonomy, comparative review
[Besnoitia] bezoitoze
Uvaliev, I. U.; and Baigaziev, K. K., 1979, Vestnik Sel'skokhoz. Nauki Kazakhstana (1), 75-78
besnoitiosis, bovine, disinfection of animals or hides by sodium hydroxide solution spray; disinfection of premises by sodium hydroxide or chlorine solution sprays
Besnoitia [sp.], illus.
Cheema, A. H.; and Toofanian, F., 1979, Cornell Vet., v. 69 (3), 159-168
Besnoitia [sp.], gross and histopathological changes in wild and domestic goats
Capra aegagrus (skin, blood vessels, epidermis, testes)
C. hircus (subcutaneous tissues) all from Fars Province, Iran
Besnoitia cysts
Phacocherus aethiopicus (lung, testes, epidermis, lymph node): Hluhluwe Game Reserve, Zululand
Besnoitia sp., illus.
Wobeser, G., 1976, J. Wildlife Dis., v. 12 (4), 566-571
Rangifer tarandus caribou: northern Saskatchewan
Besnoitia besnoiti
Besnoitia besnoiti, B. jellisoni, rabbits, mice, diagnosis, indirect immunofluorescent antibody technique and enzyme-linked immunosorbent assay compared
Besnoitia besnoiti (Marotel, 1912), illus.
Besnoitia besnoiti, goats (exper.), immunity and nonspecific resistance
Besnoitia besnoiti, illus.
Besnoitia besnoiti, cows, pathology, vaginal mucosa and endometrium
Besnoitia besnoiti, illus.
Demodex folliculorum bovis, cattle, clinical observations and gross pathology, histopathology, concomitant infections with Dermatophilus congolensis and Besnoitia besnoiti: Nigeria
Besnoitia besnoiti, illus.
Poluboiarova, G. V.; and Iaps, V. V., 1978, Vestnik Sel'skokhoz. Nauki Kazakhstan (10), 89-91
Besnoitia besnoiti, maintained in tissue culture vs. fresh from cutaneous cysts, equally virulent for susliks, similar pathological changes
Besnoitia jellisoni
Chinchilla, M.; and Frenkel, J. K., 1978, Infect. and Immun., v. 19 (3), 999-1012
Toxoplasma gondii, Besnoitia jellisoni, antigen-treated lymphocytes from immune hamsters can directly confer immunity not only to macrophages but also to fibroblasts and kidney cells, infection-specific mediators can be derived from immune lymphocytes in presence of antigen and also confer immunity to macrophages and somatic cells
Besnoitia jellisoni
Hammondia hammondi, Besnoitia jellisoni, Toxoplasma gondii, BCG, comparison of cross-protection in hamsters
Besnoitia jellisoni
immune responses to nonviral intracellular infections of hamsters, symposium presentation
Besnoitia jelliisoni
Toxoplasma gondii, Besnoitia jellisoni, Listeria, and virus infections in mice and hamsters, challenge with homologous and heterologous species, components of specific immunity and nonspecific resistance
Blastocrithidia culicis

Galinari, S.; and Camargo, E. P., 1979, J. Parasitol., v. 65 (1), 88
Blastocrithidia culicis, symbiont-harboring wild strain has complete set of urea cycle enzymes and acetylornithinase, corresponding aposymbiotic strain lacks some of these enzymes

Blastocrithidia culicis

Goncalves de Lima, V. M. Q.; Roitman, I.; and Kilgour, V., 1979, J. Protozool., v. 26 (4), 648-652
trypanosomatids, 7 species distinguished by electrophoretic mobilities of some isoenzymes

Blastocrithidia culicis

Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Blastocrithidia culicis

trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use

Blastocrithidia culicis triatomae, illus.
da Rocha e Silva, E. O.; et al., 1977, Rev. Saude Pub., S. Paulo, v. 11 (1), 87-96
[host uncertain]: insect colony, Moji Guacu

Blastocrithidia culicis triatomae galvaoi n. subsp., illus.
Zelus leucogrammus (tubo digestivo, orgaos reprodutores femininos, fezes): Goias, Minas Gerais and Santa Catarina, Brasil

Blastocrithidia vagoi, n. sp., illus.
Eurydema ventralis (intestin)

Blastocystis sp., illus.
Burden, D. J.; Anger, H. S.; and Hammet, N. C., 1979, Vet. Microbiol., v. 3 (3), 227-234
Blastocystis sp., pigs (feces), pathogenicity discussed: Berkshire and East Anglia, England

Blastocystis hominis, illus.
E[ntamoeba] histolytica, intrahepatic inoculation in Cricetus auratus of human strain associated with Blastocystis hominis, liver abscess, diagnosis, results demonstrate the tissue adaptability of B. hominis and its potential as a conditioned pathogen

Blastocystis h[ominis]

Soto Travieso, R.; et al., 1977, Rev. Cubana Med. Trop., v. 29 (3), 115-120
human intestinal parasites, diagnosis, modified Baermann's technique compared with standard diagnostic methods

Bodo decipiens Diesing (1850)
as syn. of Hexamita intestinalis Dujardin, 1841

Blastocrithidia culicis

26 trypanosomatid species, cultivation in new chemically-defined medium RE III
Bodo intestinalis Ehrenberg (1838)
Univ. Purkynianae Brun., Biol., v. 6 (5), 177-209
as syn. of Hexamita intestinalis Dujardin, 1841

Buchneriella pheretima, nova sp., illus.
de Puytorac, P.; and Rakotoariveloh, R., 1965,
Arch. Zool. Exper. et Gen., v. 105 (2), 229-240
Pheretima sp. (gesier): Singapour

Burenella gen. n.
Jouvenaz, D. P.; and Hazard, E. I., 1978, J.
Protozool., v. 25 (1), 24-29
Burenellidae fam. n.
mt: B. dimorpha sp. n.

Burenella dimorpha sp. n. (mt), illus.
Jouvenaz, D. P.; and Hazard, E. I., 1978, J.
Protozool., v. 25 (1), 24-29
pathologic manifestations
Solenopsis geminata (hypodermis, fat cells)
(nat. and exper.): State Road 26 east of
Interstate Highway 75, Gainesville, Alachua
Co., Florida
S. invicta (exper.)
S. richteri (exper.)
S. xyloni (exper.)

Burenellidae fam. n.
Jouvenaz, D. P.; and Hazard, E. I., 1978, J.
Protozool., v. 25 (1), 24-29
Microsporida
includes: Burenella gen. n.
Caudicula subgen. n.
subgen. of Protoopalina
Caudicula subgen. n.
subgen. of Protoopalina
Caudicula subgen. n.
subgen. of Protoopalina

Cepedea Metcalf, 1920
Cepedea sp.
Amaro, A.; Sena, S.; and dos Santos, E., 1968,
Hyla cuspidata: Recreio dos Bandeirantes,
Lagoinh da Taxas, na cidade do Rio de Janeiro,
Estado da Guanabara, Brasil

Cepedea (Cepedea) dimidiata (Stein, 1860)
Metcalf, 1923 (tod of subgen.), illus.

Cepedea (Longa) ciliata Metcalf, 1940

Cepedea (Longa) daloaensis Tuzet & Zuber-Vogeli, 1954

Cepedea (Cepedea) dimidiata (Stein, 1860)
Metcalf, 1923 (tod of subgen.), illus.

Cepedea (Cepedea) dimidiata (Stein, 1860)
Metcalf, 1923 (tod of subgen.), illus.

Cepedea (Longa) hyla Khan, 1962

Cepedea (Paucinucleata) lanceolata (Bezzenberger, 1904)
Metcalf, 1923 (tod of subgen.), illus.

Cepedea (Longa) longa (Bezzenberger, 1904)
Metcalf, 1923 (tod of subgen.), illus.

Cepedea (Paucinucleata) lanceolata (Bezzenberger, 1904)
Metcalf, 1923 (tod of subgen.), illus.
Cepedea longa (Bezzenberger)  
brief description  
Bufo melanosticetus (rectal contents): Dum  
Dum near Calcutta, India

Cepedea (Cepedea) marginata Amaro, 1964  

Cepedea (Cepedea) marginata Amaro, 1964  
key

Cepedea (Cepedea) mogyana (Carini, 1937) Metcalf, 1940  
key

Cepedea (Cepedea) mogyana (Carini, 1937) Metcalf, 1940, illus.  
synonymy

Cepedea (Longa) multiformis Metcalf, 1923  
key

Cepedea (Cepedea) parva Lu, 1945  

Cepedea (Longa) philauii Uttangi, 1951  

Cepedea (Phrynomantidis) phrynomantidis Metcalf, 1923 (tod of subgen.), illus.  

Cepedea (Plata) plata Metcalf, 1940 (tod of subgen.), illus.  

Cepedea (Pulchra) pulchra Metcalf, 1923 (tod of subgen.), illus.  

Cepedea (Cepedea) rubra (Carini, 1937) Metcalf, 1940  
key

Cepedea (Cepedea) rugosa (Carini, 1937) Metcalf, 1940  
key

Cepedea (Cepedea) rugosa (Carini, 1937) Metcalf, 1940, illus.  
synonymy

Cepedea (Longa) seychellensis angusta Mello, 1932  

Cepedea (Spinifera) spinifera Metcalf, 1923 (tod of subgen.), illus.  

Cepedella Poyarkof  
key

Cephaloidophora  
testinal eugregarines of Brachyura, distribution among hosts confirms validity of new classification system for hosts

Ceratomyxa sp.  
Lester, R. J. G., 1974, Syesis, v. 7, 195-200  
Gasteroesteus aculeatus (intestine): near Vancouver, British Columbia

Ceratomyxa spp.  
Paperna, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 16 (2), 173-175  
Dicentrarchus labrax (gall bladder): marine cultures in France

Ceratomyxa sp., illus.  
Moria, 13-31  
Scorpaena porcus (gall bladder): Black Sea

Ceratomyxa anoplopoma sp. n., illus.  
Moser, M., 1976, Canad. J. Zool., v. 54 (8), 1405-1406  
Anoplopoma fimbria (gallbladder): off southern California

Ceratomyxa arcuata Thelohan, 1895, illus.  
Moria, 13-31  
Uranoscopus scaber (gall bladder): Black Sea

Ceratomyxa asymmetrica sp. n., illus.  
Moser, M., and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537  
Coryphenaoides cinereus (gall bladder): waters off Alaska (Shumagin Island)  
Ventricifossa macropogon (gall bladder): waters off Venezuela

Ceratomyxa australis sp. n., illus.  
Gaevekskaia, A. V.; and Kovalova, A. A., 1979, Biol. Mria, Vladivostok (3), 80-83  
Trachurus trachurus capensis (gall bladder): Namibia region, southeastern Atlantic

Ceratomyxa coryphenaoida sp. n., illus.  
Moser, M.; and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537  
Coryphenaoides cinereus (gall bladder): waters off Canada (Triangle Island)
Ceratomyxa elegans Jameson, 1929
Moser, M.; and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537
Coryphaenoides ferdandezianus
Ventrofossa potronus (gall bladder of all): all from waters off northern Chile
Ceratomyxa globulifera Thelohan, 1895
Ophidion rochei (gall bladder): Black Sea
Ceratomyxa herouardi Georgievitch, 1916, illus.
Myxobolus exigius, Ceratomyxa herouardi, synapticemal complexes, electron microscopic observations, implications for life cycle and classification of myxosporidians
Ceratomyxa hokarari Meglitsch, 1960
Moser, M.; and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537
Coryphaenoides acrolepis (gall bladder, bile ducts): waters off northern Mexico; southern, central, and northern California; Oregon; British Columbia
C. ferdandezianus (gall bladder): waters off northern Chile
Ceratomyxa hopkinsi Jameson, 1929
Moser, M.; and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537
Nezumia stelgidolepis (gall bladder, bile ducts): waters off southern California
Ceratomyxa laxa Meglitsch, 1960
Moser, M.; and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537
Trachyrincus sp. (gall bladder): waters off southern California
Ceratomyxa merlangi sp. nov., illus.
Odontogadus merlangus euxinus (gall bladder): Black Sea (region near Sevastopol)
Ceratomyxa obesa Jameson, 1929
Moser, M.; and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537
Coryphaenoides marginatus (gall bladder): waters off Japan (Goto Island)
Malacocephalus occidentalis (gall bladder): waters off Angola
Ceratomyxa parva (Thelohan, 1895)
Ceratomyxa shasta
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians
Ceratomyxa shasta (Noble, 1950), illus.
Yamamoto, T.; and Sanders, J. E., 1979, J. Fish Dis., v. 2 (5), 411-428
Ceratomyxa shasta, stages of development leading to sporogenesis, light and electron microscopy
Saimo clarki (exper.)
Ceratomyxa subtilis Meglitsch, 1960
Moser, M.; and Noble, E. R., 1976, Canad. J. Zool., v. 54 (9), 1535-1537
Coelorinchus australis (gall bladder): waters off New Zealand (Wellington)
C. innotabilis (gall bladder, bile duct): waters off New Zealand (East Cape)
C. occa (gall bladder): waters off Lesser Antilles (Dominica Island)
Cercomonas sp., illus.
Paragrylodactylus superbus n. g., n. sp. (Darm): Aquarium des Naturhistorischen Museums, 'Bernardino Rivadavia', Buenos Aires, Argentinien
Cercomonas ranarum Perty (1852)
as syn. of Hexamita intestinalis Dujardin, 1841
Chagas disease
Chagas disease, human, serial hemoculture in Warren's medium, valuable diagnostic technique
Chagas disease
Chagas disease, high number of mast cells in myocardium, possibly responsible for sclerosing characteristic of myocarditis
Chagas disease
Chagas disease, human, endocardial changes in apical region
Chagas disease
human Chagas disease, high number of mast cells in myocardium, possibly responsible for sclerosing characteristic of myocarditis
Chagas disease
human protozoan infections, drugs in current use, dosage recommendations, review
Chagas disease
Chagas disease, human, tachycardia and aneurysms, case reports, medical and surgical management
Chagas disease

Apt, W.; Arribada, A.; and Maubens, S., 1971, Recent Advances Stud. Cardiac Struct. and Metab., v. 2, 95-105
human cardiomypathies resulting from Chagas disease or Toxoplasma gondii, etiology, clinical aspects, prognosis, clinicopathological correlations with autopsies, review: Chile

Chagas disease

Chagas disease, woman, pregnancy diagnosed shortly after parasitemia discovered, spontaneous abortion after 5 months of pregnancy, evidence of transplacental transmission to fetus, case report

Chagas disease

patients with Chagas cardiomyopathy and Stokes-Adams syndrome with total atrioventricular block, modifications of anesthesia technique for surgical implantation of epicardial pacemakers

Chagas disease

human Chagas disease, survey of randomly selected rural people for evidence of infection using complement fixation and electrocardiograms, no correlations could be established between the two tests: county of Encruzilhada do Sul, State of Rio Grande do Sul, Brazil

Chagas disease

Chagas disease, humans, prevalence survey using complement fixation test: southern zone, State of Rio Grande do Sul, Brazil

Chagas disease

Bastaroli, J. C.; et al., 1975, Rev. Argent. Cardiol., v. 43 (6), 421-437
Chagasic sinus node disease, human, clinical manifestations, case report: Argentina

Chagas disease

Chagas disease, comparative study of weight and metric features of diaphragm between chagasic (hypertrophic) and nonchagasic cardiopathies, autopsy study of 50 males: Brazil

Chagas disease

Chagas disease, incidence of congenital transmission in premature infants: Salvador, Bahia

Chagas disease

human Chagas disease, 400 term pregnancies, incidence in mothers and infants, no congenital transmission

Chagas disease

Chagas disease, human, survey of aborted fetal remains for incidence of congenital transmission: Brazil

Chagas disease

Chagas disease, congenital, diagnosis through study of fetal remains

Chagas disease

Chagas disease in children, diagnosis, pathology, therapeutic trials with various drugs, metronidazole was well tolerated and therefore most promising therapy: Panama

Chagas disease

Boainain, E.; Rassi, A.; and Jatene, A. D., 1975, Rev. Goiana Med., v. 21 (3-4), 129-130
Chagas disease, prevalence survey of patients at the Instituto de Cardiologia in Sao Paulo state, Brazil

Chagas disease

Chagas disease, rats, pulmonary vascular permeability changes suggested to be due to aging, not disease

Chagas disease

Bosque, C.; and Rabinovich, J. E., 1979, Canad. Entom., v. 111 (2), 171-180
Telenomus fariai parasitizing eggs of Triatoma phyllosoma pallidipennis, vector of Chagas' disease, oviposition behavior and host discrimination

Chagas disease

Chagas disease, man, development of esophageal carcinoma shortly after surgical repair of Chagasic megaesophagus, case report: Brazil

Chagas disease

Chagas disease, human, hypothalamus, pathological changes

Chagas disease

Chagas disease, human, biochemical alterations in mucous secretions of digestive tract and bronchus attributed to disturbances of autonomic regulation resulting from infection

Chagas disease

Chagas disease, decreased lipoprotein lipase activity in persons with chronic infection

Chagas disease

Canese, A., 1974, Rev. Paraguaya Microbiol., v. 9 (1), 45-51
Chagas disease, statistics of epidemiologic and vector survey: Paraguay
Chagas disease
Chagas disease, current epidemiologic statistics, vectors, suggestions for further investigations: Paraguay

Chagas disease
Chagas disease, bibliography: Paraguay

Chagas disease
Canese, A.; et al., 1975, Rev. Paraguaya Microbiol., v. 10 (1), 47-54
Chagas disease, statistics of epidemiologic survey taken during 1974 in various areas of Paraguay

Chagas disease
Canese, A.; and Canese, J., 1976, Rev. Paraguaya Microbiol., v. 11 (1), 35
Chagas disease, vector survey: Paraguay

Chagas disease
Canese, J.; and Brice, E., 1977, Rev. Paraguaya Microbiol., v. 12 (1), 9-10
Chagas disease, Indians of the Paraguayan Chaco, antibody prevalence survey: Paraguay

Chagas disease
Chagas disease, humans, chronic myocardopathy, clinical aspects, differential diagnosis, patholgy, review

Chagas disease
human Chagas disease, diagnosis using Lit medium and Mourao and Mello technique for blood cultures

Chagas disease
Chagas disease, human, prevalence survey: Londrina

Chagas disease
Chagas disease, statistics of survey of potential blood donors found to have positive sera, recommendations for possible control measures: Cordoba, Argentina

Chagas disease
human Chagas disease with resulting mega-esophagus, surgical procedure for successful repair of diseased area

Chagas disease
human Chagas cardiac disease, phonomechanocardiographic parameter of left ventricular systole in pre-clinical infection

Chagas disease
human Chagas cardiac disease, relationship between the pre-ejection and ejection phases of the left ventricle in chronic infections

Chagas disease
human Chagas disease, recommendations for therapy of chronic cardiopathies with imolamine chloride

Chagas disease
Chagas disease, humans, statistics of incidence survey: Province of Buenos Aires

Chagas disease
Chagas disease vector Rhodnius prolixus eggs found naturally parasitized by endophagous Microhymenoptera, possible importance as biological control: Venezuela

Chagas disease
effects of population density on Ooencyrtus trinidadensis, parasite of Rhodnius prolixus eggs: Venezuela

Chagas disease
key to triatomids that are vectors of human Chagas disease in Brazil

Chagas disease
Chagas disease, human, demonstration of degenerative lesions in cardiac autonomic fibers and interstitial cells supports theory that cardiopathy is of neurogenic origin

Chagas disease
human Chagas disease, first autochthonous cases reported from the State of Piaui, Brazil

Chagas disease
Chagas disease in rats, excretion of urinary catecholamines under basal conditions, after insulin hypoglycemia and under reserpine stimulation, comparison with normal controls

Chagas disease
Chagas disease, humans, evaluation of the latex agglutination test for diagnosis, comparison with other frequently used sero-immunologic techniques
Chagas disease
Chagas disease, aspects of lipid metabolism, comparison study of persons with chronic infections, chronic infections with cardiopathy, and normal controls, results imply that persons with chronic Chagas and cardiopathy may have lowered triglyceride synthesis

Chagas disease
Koeberle, F., 1974, Ciba Found. Symp., n.s. (20), 137-154
Chagas' disease, pathogenesis of late manifestations which are essentially neuropathies, review

Chagas disease
Chagas disease, human chronic infections, activity of lipoprotein lipase, compared with normal controls

Chagas disease
Gimeno, A. L.; et al., 1979, Cardivas. Research, v. 13 (12), 723-731
altered inotropic and chronotropic effects of noradrenaline on isolated rat atria exposed to chagasic sera, possible significance in alterations observed in chronic Chagas heart disease

Chagas disease
de Gutierrez, M. V.; et al., 1977, Rev. Neurol. Argentina, v. 3 (3), 452-457
Leishmania donovani, human, screening of sera for kala-azar using Crithidia sp. as antigen in indirect fluorescent antibody test, some positive reactions with L. tropica, cross-reactions at low titer with Chagas' disease and African trypanosomiasis

Chagas disease
Leishmania donovani, human, screening of sera for kala-azar using Crithidia sp. as antigen in indirect fluorescent antibody test, some positive reactions with L. tropica, cross-reactions at low titer with Chagas' disease and African trypanosomiasis

Chagas disease
Chagas disease, human, clinical evaluation of equine specific beta gammaglobulin as therapy

Chagas disease
Chagas disease, gastric emptying time, patients with Chagas disease or gastric ulcer

Chagas disease
Chagas disease, human, intracardiac autonomic nervous system pathology compared with pathology of rheumatic heart disease and hypertensive heart disease

Chagas disease
Chagas disease, human, chronic infections, heart weights at death compared with heart weights in deaths from other causes, legal medicine aspects

Chagas disease
Chagas disease, results of complement fixation and hemagglutination tests compared using pericardial fluid from autopsy cases with chronic cardiomyopathy

Chagas disease
Panstrongylus megistus leucofasciatus and Rhodnius nasutus, first encounter in interior of houses in State of Pernambuco, Brazil

Chagas disease
new type of file card designed for the selection of blood donors and for computerized data processing in order to identify potential donors who are carriers of Chagas disease and malaria

Chagas disease
latent Chagas disease, human, evaluation of physical capacity and myocardial function

Chagas disease
Chagas disease, human, diagnosis in rural areas using immunofluorescence, recommendations for storage of serum absorbed on filter paper samples

Chagas disease
Montesinos, H. J.; and Rabinovich, J. E., 1979, Entomophaga, v. 24 (2), 177-183
Telenomus farial, parasite of Chagas' disease vectors, population dynamics, laboratory conditions
Chagas disease
Motta, A. N.; et al., 1976, Semana Med. (4965), an. 83, v. 149 (16), 539-543
Chagas disease, human chronic cardiomyopathy amiodarone hydrochloride as therapy for extra ventricular systole

Chagas disease
Chagas disease, autopsy survey of cardiac associated infections, possible association between Chagas infection and the Negro race: Bahia, Brasil

Chagas disease
Chagas disease, humans, physiopathology of megaesophagus resulting from parasitic infection, extensive report

Chagas disease
human Chagas disease, nifurtimox therapy, development in some persons of an axonal neuropathy involving mainly the lower limbs

Chagas disease
Chagas disease, electromyographic study of persons with chronic infections, finding that there is some involvement of motor neurons but that these lesions have been adequately compensated by healthy neurons

Chagas disease
Chagas disease, efficacy of the direct agglutination test for diagnosis (with and without the addition of 2-mercaptoethanol), complement fixation test used as reference; concluded that test useful mainly in areas such as blood banks

Chagas disease
Chagas disease, humans with advanced megaesophagus, subtotal esophagectomy, new surgical technique: Brazil

Chagas disease
Chagas megaesophagus, humans, abnormally increased pressure of lower esophageal sphincter

Chagas disease
Chagas disease, males, necropsy study, increased incidence of tracheal deviations: Brazil

Chagas disease
human Chagas heart disease, phonomechanographic parameters of left ventricular systole and endocardial pacemaker in chronic infection

Chagas disease
human Chagas cardiac disease, phonocardiographic systolic parameters and complete heart block

Chagas disease
Chagas disease, hybridization experiments with triatomine vectors, sterile males produced, genetic mechanisms, possible control method

Chagas disease
Triatominae (Chagas disease vectors), sex identification of immature forms, possible application in sterile male release

Chagas disease
Chagas disease, humans, tachycardia-bradycardia syndrome, 2 case reports, differential diagnosis: Brazil

Chagas disease
Chagas' disease, slow-release juvenile hormone formulations for control of triatomine vectors

Chagas disease
Chagas disease, humans with megaesophagus, new surgical treatment

Chagas disease
Chagas disease, humans, nifurtimox, R07-1051, comparative study

Chagas disease
Chagas disease, survival time of humans with uncompensated chronic myocardiopathy, congestive heart failure may be important limiting factor in survival time

Chagas disease
de Rezende, J. M.; and Moreira, H., 1975, Rev. Gastroenterol. Mexico, v. 40 (1), 12-17
Chagas disease, humans, megacolon resulting from parasitic infection, diagnosis, clinical management, surgical treatment with the DuhameL-Haddad operation being the preferred surgical method: Goiania, State of Goias

Chagas disease
human Chagasic cardiomyopathy with A-V heart block, implantation of permanent pacemaker, case report: Arequipa
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Chagas disease
Chagas disease, humans with psychiatric disturbances, symptoms intensified by nifurtimox therapy, disappearance or diminution of symptoms when drug was discontinued

Chagas disease
Chagas disease, xenodiagnosis and complement fixation test compared: district of Bambui, Minas Gerais, Brazil

Chagas disease
Chagas disease, outpatients, review of cases from 1960-1970, decreased incidence of cardiology: Hospital das Clinicas de Ribeirao Preto

Chagas disease
Sanz Malaga, G.; Morales Gonzalez, W.; and Boza Revilla, A., 1975, Rev. Peruana Cardiol., v. 18 (1), 5-21
Chagas disease, chronic cardiomyopathy, pathology

Chagas disease
Trinitoma brasiliensis, Rhodnius prolixus (vectors of Chagas' disease), assembly pheromone of nymphs

Chagas disease
Chagas disease, humans, investigation of pulmonary hemosiderosis in subjects with Chagas and non-Chagasic myocarditis, concluded that entity results from passive congestion and does not represent a feature of Chagas disease

Chagas disease
Chagas disease, congenital case report, infant with cardiopathy and esophageal peristalsis from birth: Belo Horizonte, Brazil

Chagas disease
Chagas disease, highly endemic area for chronic infection, comparison of infected and non-infected women showed no differences in fetal losses: nordeste do Estado de Sao Paulo

Chagas disease
Chagas disease, human, chronic infections, frequent evidence of hypoglycemia

Chagas disease
Chagas disease, humans with neurologic disturbances, symptoms aggravated by nifurtimox therapy

Chagasella Machado, 1911
Syn.: Chagasia leger, 1911

Chagasella sp. Kirby, 1932

Chagasella sp. Gibbs, 1944
as syn. of Chagasella gibbsi n. sp.

Chagasella alvarengi Machado, 1913

Chagasella ganapotii Narasimhamurti and Kalamvati, 1968

Chagasella gibbsi n. sp.
Syn.: Chagasella sp. Gibbs, 1944
Cenaeus carnifex (salivary glands): Africa

Chagasella hartmanni (Chagas, 1910) Machado, 1911
synonymy

Chagasia Leger, 1911
as syn. of Chagasella Machado, 1911

Chagasia hartmanni (Chagas, 1910) Leger, 1911
as syn. of Chagasella hartmanni (Chagas, 1910) Machado, 1911

Chapmania gen. n.
Thelohaniidae fam. n., key to: C. cirratus sp. n.

Chapmania cirratus sp. n. (tod), illus.
Syn.: Thelohania sp. Chapman et al., 1969
Corethrella brakeleyi (adipose tissue): near Lake Charles, Louisiana, U.S.A.

Chapmania macrocystis (Gurley, 1893) comb. n.
Syns.: Thelohania macrocystis Gurley, 1893; Sarcosporidium Garbini, 1891; Sarcosporidiae Henneguy and Thelohan, 1892

Chapmania nepae (Lipa, 1966) comb. n.
Syn.: Thelohania nepae Lipa, 1966
Chilodonella cyprini

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

Chilodonella cyprini (Moroff, 1902), illus.

Heckmann, R.; and Liebelt, J., 1970, J. Wild-life Dis., v. 6 (3), 174
Catostomus catostomus (gill): Yellowstone River, Livingston, Montana

Chilodonella cyprini (Moroff, 1902)

Vlasekko, M. I.; and Meshcheriakova, A. A., 1977, Veterinariia, Moskva (4), 75-78
Chilodonella cyprini, Ichthyophthirius multifilis, [Costia], fish, formalin solution for control, toxicity tested and safe levels established

Chilodonella cyprini (Moroff, 1902)

Perca fluviatilis (gills): Lake Dargin, Mazurian Lakeland, Poland

Chilodonella cyprini Moroff

Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Chilodonella hexasticha (Kiernik, 1909), illus.

Hoffman, G. L.; et al., 1979, J. Fish Dis., v. 2 (2), 133-157
Chilodonella hexasticha on Ictalurus punctatus and Carassius auratus (gills of both), occurrence at new water temperature optimum, histopathology: North America

Chilodonella hexasticha (Kiernik, 1909), illus.

Russocka, L. R.; and Meshcheriakova, A. A., 1976, J. Protozool., v. 23 (4), 532-536
Actinonephalidae; Actinonephalinae
tod: C. striata (intestine): Europe;
modified zinc sulfate flotation technique in comparison with other methods of parasite recovery

Chilodonella sp.

Colinus virginianus (intestine): Oklahoma

Chilodonella sp., illus.

Chilodonella sp., cultivation in Dobell Laidlaw medium; in vitro and in vivo (chickens) testing of metronidazole gansos pollitos (exper.)

Chilodonella sp. gallinarum

Koesters, J.; et al., 1979, Berl. u. Munchen. Tierarztl. Wchnschr., v. 92 (13), 266-268
Chilodonella gallinarum in chickens (exper.) and in vitro, metronidazole

Chilodonella mesnili

Mahler, R.; and Liebelt, W., 1978, J. Parasitol., v. 64 (2), 427-431
comparison of different methods for detection of intestinal protozoa and helminths in human stool

C[Chilodonella] mesnili

human intestinal protozoa, modified Teleman and PAFS methods compared for diagnostic purposes

Chilodonella mesnili

Bartlett, N. S.; et al., 1978, J. Clin. Microbiol., v. 7 (6), 524-528
modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoan cysts and helminth eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-ZnSO4, compares favorably to FE method for detecting infections of clinical significance

Chilodonella mesnili

Blecka, L. J., 1978, J. Parasitol., v. 64 (2), 362-363
patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fecal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable

Chilodonella mesnili

Papio ursinus (feces): Rhodesia, imported from Northern Transvaal

Chilodonella mesnili

Heckmann, R., 1977, Saguenay, 532-536
parasitic flagellates, life cycle, infection in man, clinical signs, therapy, brief review

Chilodonella mesnili

Harvey, J., 1973, Saguay Med., v. 20 (3), 146-156
parasitic flagellates, life cycle, infection in man, clinical signs, therapy, brief review
Chilomastix mesnili
Balantidium coli, effect of various bacteria on propagation in vitro, on erythrophagocytic capability of balantidia, and on susceptibility of balantidia to atbrin, entobex, merox-
form, and protargol; Trichomonas hominis, Chilomastix mesnili, and Dientamoeba fragilis found to be without effect; effect of balantidia on bacteria
Chilomastix mesnili
Soto Travesio, R.; et al., 1977, Rev. Cubana Med. Trop., v. 29 (3), 115-120
human intestinal parasites, diagnosis, modified Baermann's technique compared with standard diagnostic methods
Chloromyxum sp.
Thyssanulus arcticus (gall bladder): Aishihik Lake, Yukon Territory
Coregonus clupeaformis (gall bladder): Aishihik Lake and Stevens Lake, Yukon Territory
Chloromyxum catostomi Kudo, 1919, illus.
Mitchell, L. G., 1978, J. Protozool., v. 25 (1), 100-105
diagnosis
Campostoma anomalum
Notropis dorsalis
Pimephales notatus
P. promelas
Sempetilus atromaculatus
(gall bladder of all): all from Iowa
Chloromyxum coregoni
Makhoensko, B. 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
Chloromyxum cristatum Leger
Iziumova, N. A.; Mashtakov, A. V.; and Timo-
[Abramis brahma]: Upper Kama
Chloromyxum dubium Auerbach, 1908
Lota lota (gall bladder): Aishihik Lake, Yukon Territory
Chloromyxum dubium
ialstva, Leningrad, v. 93, 117-120
protozoans of young predatory fish, extent of infection correlated with some environmental factors
[Lota lota]: Vrevo Lake, Leningrad district
Chloromyxum esocinum Dogiel, 1934
Esox lucius (gall bladder): Stevens Lake, Yukon Territory
Chloromyxum legeri Touraine
Iziumova, N. A.; Mashtakov, A. V.; and Timo-
[Abramis brahma]
[Rutilus rutilus]
all from Upper Kama
Chloromyxum mucronatum
ialstva, Leningrad, v. 93, 117-120
protozoans of young predatory fish, extent of infection correlated with some environmental factors
[Lota lota]: Vrevo Lake, Leningrad district
Chloromyxum quadratum Thelohan, 1895
Moria, 13-31
as syn. of Kudoa quadratum (Thelohan, 1895)
Chloromyxum trijugum Kudo, 1919, illus.
Mitchell, L. G., 1978, J. Protozool., v. 25 (1), 100-105
Lepomis cyanellus
L. macrochirus
Pomoxis annularis
P. nigromaculatus
(gall bladder of all): all from Iowa
Chloromyxum trijugum Kudo, 1919, illus.
Chloromyxum trijugum, description, host specificity
Lepomis gibbosus (gall bladders): western Montana
Chloromyxum truttae Leger, 1906, illus.
Mitenev, V. K., 1971, Parazitologiya, Leningrad, v. 8 (6), 556-558
[Salmo salar]
[Salmo trutta]
(gall bladder of all): all from mouth of Ponoy River
Chloromyxum wardi Kudo, 1919, illus.
Chloromyxum wardi, description, host specificity
Salmo clarki
S. gairdneri
Salvelinus fontinalis
Salvelinus malma
(gall bladders of all): all from western Montana
Ciliate
ciliate protozoa, bullock (lung), death appeared to be due to pulmonary echinococcosis
Ciliate, unidentified, illus.
Ishii, A., 1973, Snake, v. 5 (1-2), 133-140
Trimeresurus flavoviridis (intestine): Amami-oshima, southern Japan
Ciliates, illus.
fish. Ass., v. 61, 59-63
Crassostrea virginica (gills): New Haven Harbor, Connecticut
Ciliates, resembling Ancistrocomidae [sp.], illus.


Ciliates

Wright, C. A.; Rollinson, D.; and Goll, P. H., 1979, Parasitology, v. 79 (1), 95-105

Bulinus senegalensis and associated parasites, isoelectric focusing studies on enzymes, differences in prevalence and variety of infections in 7 host populations: south bank of Gambia River

Ciliophora Doflein, phylum


Ciliophora, Corlissian scheme of higher classification, annotated assignment of families and genera to orders and classes

Ciliophora [sp.]


parasitic and other diseases of tortoises, necropsy survey

Testudo graeca

Kinixys belliana

T. nigrith

T. hermanni

Geochelone pardalis

G. gigantea

T. elegans

T. horsfieldi

(intestinal tract of all)

Ciliophora [sp.]


parasitic and other diseases of terrapins and turtles, necropsy survey

Clemmys caspica leposra

Staurotypus triporcatus

(large intestine of all)

Cirrigregarina gen. n.

Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

Gregarinidae

tod: C. spissa (Henry, 1938) comb. n.

Cirrigregarina kamenote (Hoshide, 1951) comb. n.

Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

Syn.: Gregarina kamenote Hoshide, 1951

Mitella mitella (intestine): Japan; Asia

Cirrigregarina spissa (Henry, 1938) comb. n.

(tod)

Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

Syn.: Gregarina spissa Henry, 1938

Balanus crenatus

B. cariosus

B. glandula

(intestine of all): all from Washington State, North America

[Coccidia] koktsidi


nematode eggs, coccidial oocysts, non-litter pig manure, substances tested as disinfectants

nematode eggs, coccidial oocysts, non-litter pig manure, disinfecting by electrohydraulic effect (high voltage electric impulses)

Coccidia


helminth eggs and coccidia oocysts, effect of ultraviolet rays

Coccidi[a] coccidian oocysts, illus.


previously undescribed coccidian oocysts, occurrence in 5 humans from very diverse backgrounds: Papua New Guinea

Coccidia


Coccidia


parasites and other agents, diarrhea, calves, clinical aspects, etiology: Cuba

Coccidia

Hudson, R.; Kitts, W. D.; and Handy, P. J., 1971, J. Wildlife Dis., v. 7 (3), 171-174

Ovis canadensis, immunoglobulin response, effects of individual variation, season, and parasite activity

Coccidia

Joyner, L. P.; et al., 1978, Parasitology, v. 77 (1), 27-31

coccidia, particularly of the genus Eimeria, proposed terminology which provides for discussion of variation at infrasubspecific levels, guidelines for designation of strains and lines

[Coccidia] koktsidi


helminths, protozoa, cattle, influence of micro-elements in host diet on infectivity

[Coccidia] koktsidi


nematodes, coccidia, chickens, comparative infection levels and egg productivity and quality under various maintenance conditions (with and without enclosures, deep litter, uncovered or asphalt surfaces)

[Coccidia] koktsidi


nematodes, coccidia, age and seasonal dynamics of infection rates of chickens

Coccidia


ascarid eggs, coccidian oocysts in poultry feces in litter being composted in heaps for biothermic treatment, not surviving after three months

Coccidia, illus.


Coccidia, suckling pigs 5-14 days old (intestines), diarrhea, histopathology: southern Georgia; northern Florida
Coccidia oocysts
Smith, J. F., 1979, Feline Pract., v. 9 (2), 14, 16, 18
intestinal parasites, cats, efficacy of parenteral aqueous levamisole

Coccidia [sp.] coccidial oocysts
gastrointestinal nematodes and cestodes, sheep, 3 field trials with oxendazole, effective; no apparent effect on coccidial oocysts

Coccidia [sp.] coccidial oocysts
Yazwinski, T. A.; and Brown, A. H., 1979, Vet. Med. and Small Animal Clin., v. 74 (8), 1156-1158, 1160
intestinal parasites, bulls, levels of infection, variation of growth performance factors in relation to levels of eggs per gram of feces, regression analysis: Arkansas [Coccidia] koktsidii

Coccidiosis
[Sharikov, I. S.; and Antonenko, A. E., 1978, Veterinariia, Moskva (12), 63-64] helminth eggs, coccidia oocysts, disinfection of manure with penetrating electron radiation, dosages necessary

Coccidia [sp.] illus.
Coccidia [sp.] in 1-week-old Ursus horribilis (small intestine), severe diarrhea of unknown etiologic origin prior to death: Como Park Zoo, St. Paul, Minn.

Coccidia [sp.]
Carpenter, J. W.; et al., 1979, J. Am. Vet. Med. Ass., v. 175 (9), 948-951
Grus canadensis (intestines): Patuxent Wildlife Research Center

Coccidia [sp.]
Mustela nigripes: South Dakota, transported to Patuxent Wildlife Research Center, Laurel, Maryland

Coccidia [sp.], resembling immature Eimeria canina
Eaton, R. D. P.; and Secord, D. C., 1979, Canad. J. Comp. Med., v. 43 (2), 229-230
Arctic fox (ileum): Banks Island, Northwest Territories

Coccidia [sp.]
Podiceps cristatus
P. ruficollis
(small intestine of all): all from southeastern Seewinkel, Burgenland

Coccidia [sp.] (presumably Eimeria stieda)
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

Coccidia spp.
Ursus americanus: north of Montreal, Province of Quebec

Coccidia [sp.]
Apertex australia mantelli (kidneys, feces): bred in captivity, New Zealand

Coccidiosis
Avakian, A. A.; et al., 1978, Veterinariia, Moskva (11), 76-77
coccidiosis, chickens (broilers), prophylactic control by various preparations, pharcococcide recommended, treatment economics: Krymsk oblast

Coccidiosis
Bednir, P.; et al., 1979, Veterinarstvi, v. 29 (8), 353-355
coccidiosis, broiler chicken fattening, lasalocid compared with amprolium plus and monensin: Czechoslovakia

Coccidiosis
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Nematodirus battus definitely established in Dutch sheep after detection in sheep imported from Britain; clinical symptoms difficult to differentiate from coccidiosis: Netherlands

Coccidiosis
Brasitus, T. A., 1979, Am. J. Med., v. 67 (6), 1058-1065
parasitic infections, association with malabsorption in man

Coccidiosis
coccidiosis, dogs, treatment with various drugs, best results with amprolium

Coccidiosis
Fox, J. E., 1978, Mod. Vet. Pract., v. 59 (8), 56-603
bovine coccidiosis, review, emphasis on prevention and control; field tests, decoquinate against Eimeria bovis and E. zuernii prevented clinical signs of disease with no observable signs of toxicity

Coccidiosis
coccidiosis, rabbits, polysaccharide T as nonspecific prophylaxis

Coccidiosis
Kasai, K.; Miyamoto, M.; and Sakaguchi, T., 1979, Sijen Bobutsu (Exper. Animals), v. 28 (4), 481-485
method of establishing colony of Japanese white rabbits free from coccidia, host breeding performance

Coccidiosis
Kolabiskii, N. A.; and Pashkin, P. I., 1974, [Coccidiosis of farm animals], 160 pp.
coccidiosis, farm animals, handbook

Coccidiosis
intestinal parasites, human, diagnosis, Kato technique

Coccidiosis
parasites of lambs, distribution in the course of the year
Coccidiosis
Long, P. L.; and Millard, B. J., 1978, Avian Path., v. 7 (3), 373-381
Coccidiosis, broiler chickens, effect on oocyst output of various treatment regimens

Coccidiosis
coccidiosis, cattle, zebu, buffalo, age and seasonal dynamics: Azerbaidzhan

Coccidiosis
Manuel, M. F.; and Buduan, R. J., 1972, Philippine J. Vet. Med., v. 11 (2), 73-91
battery-raised broilers, effects of amproli plus or cycstat with or without payzone on weight gain and feed efficiency, no coccidiosis found

Coccidiosis
coccidiosis, avian, control, brief review

Coccidiosis
coccidiosis and other diseases, White Leghorn chicks, four strains: incidence and chick mortality patterns: India

Coccidiosis
Orekhova, M. M.; Arestov, I. G.; and Orekhov, Minsk, v. 13, 149-151
coccidiosis, lambs, excretion and development of oocysts, humidity of bedding, and growth of hosts

Coccidiosis
clinical and pathologic features, treatment with amproli: southern Georgia

Coccidiosis
Sherkov, Sh.; et al., 1978, Vet. Sbirka, v. 76 (6), 39-41
coccidiosis, calves, disinfectants against oocysts, sulfaquinoxaline as chemoprophyactic, elancoban-100 as coccidiostat

Coccidiosis
coccidiosis, chicks, sulphacombine, acute and subacute toxicity studies

Coccidiosis
parasitic diseases of swine, intensive rearing, treatment and control measures, review

Coccidiosis
rabbit's appendix, immunological model applied to study of epithelial immunity, including that against coccidiosis

Coccidiosis
Voeten, A. C.; et al., 1978, Tijdschr. Diergeneeskd., v. 103 (23), 1284-1289
coccidiosis, broilers, anticoccidials, floor pen trials

Coccidiosis
Zaionts, V. I.; et al., 1976, Khimiko-Farm. Zhurnal, v. 10 (11), 20-29
molecular mechanisms of action of some anticoccidial preparations, review

Coccidium bigeminum (Stiles, 1891) Luehe, 1906
as syn. of Sarcocystis murris (Blanchard, 1885) Labbe, 1899

Coccidium bigeminum Stiles, 1891
as syn. of Sarcocystis miescheriana (Kuehn, 1865) Lankester, 1882

Coccidium bigeminum Stiles, 1891
C. bigeminum var. canis selected as nominate subspecies of C. bigeminum and thus designated C. bigeminum bigeminum as syn. of Sarcocystis miescheriana (Kuehn, 1865) Lankester, 1882

Coccidium bigeminum var. canis Railliet and Lucet, 1891
selected as nominate subspecies of C. bigeminum and thus designated C. bigeminum bigeminum as syn. of Sarcocystis miescheriana (Kuehn, 1865) Lankester, 1882

Coccidium bigeminum var. cati Railliet and Lucet, 1891
as syn. of Sarcocystis muris (Blanchard, 1885) Labbe, 1899

Coccidium bigeminum var. cati Railliet and Lucet, 1891
coccidiosis, rabbit, mechanism of epithelial immunity in caecal appendix

Coccidium
Vivo Rodriguez, R., 1977, Noticias Neosan (186), v. 35, 35-38, 41-43
coccidiosis, lambs, excretion and development of oocysts, humidity of bedding, and growth of hosts
Coccidium bigeminum var. putorii Railliet and Lucet, 1891
as syn. of Sarcocystis potorii (Railliet and Lucet, 1891) comb. nov.

Coccidium variabile Thelohan, 1893
as syn. of Eimeria variabilis (Thelohan, 1893) Reichenow, 1921

Cognettia gen. n.
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Metameridae fam. n.
tod: C. legeri (Cognetti de Martiis, 1911) comb. n.

Cognettia legeri (Cognetti de Martiis, 1911) comb. n. (tod)
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Syn.: Taeniocystis legeri Cognetti de Martiis, 1911
Kynotus pitarelli (coelom): Madagascar, Africa

Colligocineta affinis n. sp., illus.
Sabella pavonina (prostomial cirri): Salstone, near Salcombe, England

Colligocineta finleyi n. sp., illus.
Sabella pavonina (prostomial cirri): Salstone, near Salcombe, England

Colligocineta scololepidis n. sp., illus.
Scololepis fuliginosa (anterior tentacles, dorsal branchiae, dorsal lamellae): Point Perharidic (Perhardy), near Roscoff

Colponema spp.
Paperna, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 16 (2), 173-175
Dicentrarchus labrax
Sparus aurata (gills of all): all from marine cultures in France

Cometoides pechumani sp. n., illus.
Incidence of infection throughout year, distribution within alimentary canal
Chrysalis fuliginosus
C. atlanticus
all from mouth of Housatonic River, Milford, Connecticut

Conispora var. putorii Railliet and Lucet, 1891
as syn. of Sarcocystis putorii (Railliet and Lucet, 1891) comb. nov.

Conispora variabile Thelohan, 1893
as syn. of Eimeria variabilis (Thelohan, 1893) Reichenow, 1921

Conispora gen. n.
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Metameridae fam. n.
tod: C. legeri (Cognetti de Martiis, 1911) comb. n.

Conispora legeri (Cognetti de Martiis, 1911) comb. n. (tod)
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
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Colligocineta affinis n. sp., illus.
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Colligocineta finleyi n. sp., illus.
Sabella pavonina (prostomial cirri): Salstone, near Salcombe, England

Colligocineta scololepidis n. sp., illus.
Scololepis fuliginosa (anterior tentacles, dorsal branchiae, dorsal lamellae): Point Perharidic (Perhardy), near Roscoff

Colponema spp.
Paperna, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 16 (2), 173-175
Dicentrarchus labrax
Sparus aurata (gills of all): all from marine cultures in France

Cometoides pechumani sp. n., illus.
Incidence of infection throughout year, distribution within alimentary canal
Chrysalis fuliginosus
C. atlanticus
all from mouth of Housatonic River, Milford, Connecticut

Conispora gen. n.
Wardiidae
tod: C. renalis sp. nov.

Conispora abyssa (Yoshino and Moser 1974) n. comb.
Syn.: Myxoproteus abyssus Yoshino and Moser 1974

Conispora renalis sp. nov. (tod), illus.
Merlucius productus (kidney tubules): Stuart Channel, British Columbia, Canada

Conorhynchus nov. gen.
Gregarine
mt: C. gibbosus nov. gen. et nov. spec.

Conorhynchus gibbosus nov. gen. et nov. spec. (mt), illus.
Syn.: Gregarina echiori
Echiurus pallasii (Darmkanal)

Contospora gen. nov.
Devdhar, M. J.; and Amoji, S. D., 1978, Arch. Protistenk., v. 120 (1-2), 182-189
Actinocephalidae, Acanthosporinae
mt: C. opalnia sp. nov.

Contospora opalnia gen. nov., sp. nov. (mt), illus.
Devdhar, M. J.; and Amoji, S. D., 1978, Arch. Protistenk., v. 120 (1-2), 182-189
Opalnia sp. (mid-gut, ceca): Shomeshwar and Kalaghathagi (Dharwar District), Karnataka State, India

Cornucopioides subgen. n.
subgen. of Zelleriella
type sp.: Zelleriella (Cornucopioides) cornucopia Carini, 1935

Cornucopioides
subgen. of Zelleriella
key to species

[Costia] kostioze
Vlasenko, M. I.; and Meshcheriakova, A. A., 1977, Veterinar, Moskva (4), 75-78
Chilodonella cyprini, Ichthyophthirius multifilis, [Costia], fish, formalin solution for control, toxicity tested and safe levels established

Costia necatrix
Astakhova, T. V.; and Stepanova, G. A., 1972, Parazitologiya, Leningrad, v. 6 (4), 384-386
Ctenopharyngodon idei (skin): pond and spawning-nursery fisheries, Volga delta

Costia necatrix
Iashchuk, V. D., 1977, Veterinar, Moskva (9), 71-73
Costia necatrix, rainbow trout, severe outbreak, economic benefits of treatment with malachite green: Vinnitsk fish farm

Costia necatrix (Henneguy)
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (gills): near Vancouver, British Columbia

Costia necatrix
Iashchuk, V. D., 1977, Veterinar, Moskva (9), 71-73
Costia necatrix, rainbow trout, severe outbreak, economic benefits of treatment with malachite green: Vinnitsk fish farm

Costia necatrix (Henneguy)
Crithidia
Kinetoplastida, cultivation, review

Crithidia
biochemistry of parasitic protozoa, textbook: methodology; catabolism and generation of energy; nucleic acid metabolism; protein metabolism; lipid metabolism; biochemical mechanism of drug action; isolation of parasitic protozoa from infected animals; culture of parasitic protozoa

Crithidia sp.
cryopreservation of parasitic protozoa

Crithidia sp.
zelus leucogrammus: Brasil

Crithidia-like
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Crithidia sp.
Leishmania donovani, human, screening of sera for kala-azar using Crithidia sp. as antigen in indirect fluorescent antibody test, some positive reactions with L. tropica, cross-reactions at low titer with Chagas' disease and African trypanosomiasis

Crithidia sp.
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Crithidia acanthocephali
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Crithidia acanthocephali
Crithidia acanthocephali, circular kinetoplast DNA molecules, heterogeneity in sensitivity to cleavage by 2 bacterial restriction endonucleases

Crithidia acanthocephali
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Crithidia acanthocephali
Mendes, N. P.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Crithidia arill
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidium cunninghami Carter, 1909
A syn. of Leishmania tropica (Wright, 1903)
Luehe, 1906

Crithidia deanei [lapsus p. 246 for C. deanei n. sp.]
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Crithidia deanei n. sp., illus.
[lapsus p. 246 as C. deanei]
ζelus leucogrammus (tubo digestivo) Musca domestica all from Brasil

Crithidia deanei
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Crithidia deanei, aposymbiotic
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Crithidia deanei, apysymbiotic C. deanei, purine metabolism
Crithidia deanei
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia deanei
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Crithidia deanei
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Crithidia deanei
Goncalves de Lima, V. M. Q.; Roitman, I.; and Kilgour, V., 1979, J. Protozool., v. 26 (4), 648-652
trypanosomatids, 7 species distinguished by electrophoretic mobilities of some isoenzymes

Crithidia deanei
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Crithidia deanei
Crithidia deanei, novel B-D-(1-2)-linked D-mannopyranan

Crithidia deanei, illus.
Souto-Padron, T.; and de Souza, W., 1979, J. Protozool., v. 26 (4), 551-557
trypanosomatids, various developmental stages, basic proteins, localization at fine-structural level with ethanolic phosphotungstic acid technique

Crithidia deanei
trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use

Crithidia fasciculata
Bowman, I. B. R., 1974, Ciba Found. Symp., n.s. (20), 255-284
trypanosomes, intermediary metabolism, review

Crithidia fasciculata Leger, illus.
Crithidia fasciculata, Trypanosoma equiperdum, T. lewisi, ultrastructure of flagellar attachment site, thin section, freeze-etch, and cytochemical techniques

Crithidia fasciculata
Camargo, E. P.; Itow, S.; and Alfieri, S. C., 1979, J. Parasitol., v. 64 (6), 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Crithidia fasciculata
Cosgrove, W. S.; Skeen, M. J.; and Hajduk, S. L., 1979, J. Protozool., v. 26 (4), 643-648
Crithidia fasciculata in vitro, effect of hydroxyurea on cell numbers, structure, macromolecular synthesis, and degree of synchrony

Crithidia fasciculata
Crithidia fasciculata, mechanism of inhibition of growth by adenosine and adenosine analogs

Crithidia fasciculata
Crithidia fasciculata, replication of kinetoplast DNA networks

Crithidia fasciculata
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia fasciculata
Fukushima, T.; et al., 1978, Analyt. Biochem., v. 89 (1), 71-79
differential microdetermination for various forms of biopterin, methods include Crithidia bioassay

Crithidia fasciculata
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Crithidia fasciculata
Crithidia fasciculata, atypical RNA components of cytoplasmic ribosomes

Crithidia fasciculata
Goncalves de Lima, V. M. Q.; Roitman, I.; and Kilgour, V., 1979, J. Protozool., v. 26 (4), 648-652
trypanosomatids, 7 species distinguished by electrophoretic mobilities of some isoenzymes

Crithidia fasciculata
Gorin, P. A. J.; et al., 1979, J. Protozool., v. 26 (3), 473-478
Crithidia fasciculata, D-mannan and D-arabinodagalactan, structure, changes in proportion with age of culture
Crithidia fasciculata
Crithidia fasciculata, carbohydrates, further characterization of previously identified mannans, isolation and partial characterization of arabinose- and galactose-containing polysaccharide, immunological evidence suggests cell surface nature of arabinogalactan

Crithidia fasciculata
Gray, M. W., 1979, Canad. J. Biochem., v. 57 (6), 914-926
Crithidia fasciculata, ribosomal RNA, physical characteristics and methylated sequences

Crithidia fasciculata
Kinetoplastida spp., Plasmodium spp., conversion of dihydrofasciculatate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Crithidia fasciculata, illus.
Hajduk, S. L., 1979, J. Cell Sc., v. 35, 185-202
Crithidia fasciculata, Trypanosoma equiperdum, observations on dyskinetoplasmy, possible mechanisms of acriflavine action

Crithidia fasciculata
Higa, A. I.; de Cazzulo, B. M. F.; and Cazzulo, J. J., 1979, J. Gen. Microbiol., v. 113 (2), 429-432
Crithidia fasciculata, NAD-specific glutamate dehydrogenase, partial purification and some properties

Crithidia fasciculata
Crithidia fasciculata, transport and accumulation of purine bases

Crithidia fasciculata
Crithidia fasciculata, Leishmania spp., adenine aminohydrolase, occurrence and possible significance

Crithidia fasciculata
Kidder, G. W.; Nolan, L. L.; and Dewey, V. C., 1979, J. Parasitol., v. 65 (4), 520-525
Crithidia fasciculata, purine phosphoribosyltransferases, identification, some properties

Crithidia fasciculata
Kutzman, R. S.; and Roberts, J. F., 1978, Comp. Biochem. and Physiol., v. 61C (1), 1-4
Crithidia fasciculata, adaptation to growth in presence of carbonyl cyanide m-chlorophenylhydrazone is apparently a physiological and not a genetic phenomenon, retention of this adaptive ability reported only in free-living protozoa is of interest from evolutionary standpoint and when considering drug resistance to parasitic protozoa

Crithidia fasciculata
Kutzman, R. S.; and Roberts, J. F., 1979, Comp. Biochem. and Physiol., v. 62B (4), 449-453
Crithidia fasciculata, metabolic changes accompanying physiological adaptation to growth in presence of carbonyl cyanide m-chlorophenylhydrazone

Crithidia fasciculata
Trypanosoma cruzi, 1,4-naphthoquinone and 1,2-naphthoquinone derivatives, in vitro and in vivo (mouse) evaluation of effects on growth, viability, and infectivity; in vitro studies also on Crithidia fasciculata

Crithidia fasciculata
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Crithidia fasciculata
Crithidia fasciculata, a-aminoisobutyrate transport: effect of incubation medium composition, kinetic studies, effects of inhibitors, studies on respiration, metabolic effects of inhibitors

Crithidia fasciculata
Morales, N. M.; and Roberts, J. F., 1979, Comp. Biochem. and Physiol., v. 61B (1), 1-4
Crithidia fasciculata, Leishmania tropica, Trypanosoma brucei, comparison of ribosomal RNAs, possible evolutionary significance

Crithidia fasciculata
Nolan, L. L.; and Kidder, G. W., 1979, Biochem. and Biophys. Research Commun., v. 91 (1), 253-262
Crithidia fasciculata, action of caffeine on purine metabolizing enzymes

Crithidia fasciculata
Rembold, H.; and Langenbach, T., 1978, J. Protozool., v. 25 (3, pt. 2), 404-408
Crithidia fasciculata, effect of colchicine on cell membrane and on bioprotein transport

Crithidia fasciculata
Shapiro, A.; et al., 1978, J. Protozool., v. 25 (4), 530-535
Crithidia fasciculata, growth in vitro, improvements in defined medium, survey of efficiency of chelators, chelator-metal ion relations, Fe, Cu, Mo requirements for heme sparing, potential uses of high-yield media

Crithidia fasciculata
hemoflagellate protozoa, method for isolation of maxicircle component of kinetoplast DNA

Crithidia fasciculata
de Souza, M. do C. M., 1974, Rev. Patol. Trop., v. 3 (3), 291-332
Leptomonas pessoai, antigenic relationships with other trypanosomatids, cross-protection of mice against Trypanosoma cruzi
Crithidia fasciculata
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia harmosa
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Crithidia hutneri
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia luciliæ
Crithidia luciliæ kinetoplast used as substrate (Crithidia method) for immunofluorescence test for antibody to native DNA (ds-DNA), method compared with radioimmunoassay by testing sera from persons with systemic sclerosis, rheumatoid arthritis, and other conditions

Crithidia luciliæ
Ballou, S. P.; and Kushner, I., 1979, Arthritis and Rheum., v. 22 (4), 321-327
Crithidia luciliæ method for detecting antinative DNA, diagnosis and clinical management of systemic lupus erythematosus

Crithidia luciliæ (Strickland, 1911), illus.
Zelus leucogrammus (tubo digestivo) Musca domestica all from Brasil

Crithidia luciliæ
6 insect trypanosomatids, attempted adaptation to mice, alteration of component elements of excreted factors (EF) produced by the 3 adapted species, EF components of Leishmania donovani isolates differ with varying infectivity for hamsters

Crithidia luciliæ
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia luciliæ
Crithidia luciliæ, RNA contains transcripts of maxi-circle and not mini-circle component of kinetoplast DNA

Crithidia luciliæ
Crithidia luciliæ, use in detection of anti-dsDNA antibodies in patients with systemic lupus erythematosus

Crithidiium luciliæ
Crithidiium luciliæ, use as antigen substrate in immunofluorescence test for detecting antinative DNA antibodies

Crithidia fasciculata
de Souza, M. do C. M.; and Barbosa, W., 1972, Rev. Patol. Trop., v. 1 (4), 415-419
antigens of Crithidia fasciculata, Trypanosoma cruzi and Leishmania brasiliensis showed cross-reacting precipitating bands with the antigen of Leptomonas pessoai as demonstrated by the agar gel diffusion technique

Crithidia fasciculata
Trager, W., 1974, Ciba Found. Symp., n.s. (20), 225-254
trypanosomes, leishmanias, nutrition and biosynthetic capabilities, problems of in vitro cultivation and differentiation, review

Crithidia fasciculata
Vakirtzi-Lemonias, C.; and Gregoriadis, G., 1979, Tsitologiia, v. 21 (3), 310-317
1978, Biochem. Soc. Tr., v. 6 (6), 1241-1244
Crithidia fasciculata, uptake of liposome-entrapped agents

Crithidia fasciculata
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia fasciculata var. culicis
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia fasciculata var. noelleri
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia fasciculata var. noguchii
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia harmosa
6 insect trypanosomatids, attempted adaptation to mice, alteration of component elements of excreted factors (EF) produced by the 3 adapted species, EF components of Leishmania donovani isolates differ with varying infectivity for hamsters

Crithidia harmosa
Figueiredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-549
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus
Crithidia luciliae
Jonsen, J.; and Norberg, R., 1976, Scand. J. Rheumatol., v. 5 (4), 221-226
Crithidia luciliae, effect of enzyme treatment on reactivity of kinetoplast with anti-DNA sera, concluded that results of Crithidia test for demonstration of anti-DNA antibodies are not completely unambiguous

Crithidia luciliae, illus.
Crithidia luciliae, ultrastructure

Crithidia luciliae
Trypanosoma gambiensc, Crithidia luciliae, use as antigen for detection of antibodies to double-stranded DNA in immunofluorescence tests

Crithidia luciliae, illus.
Scheinberg, M. A.; Santos, L.; and Diniz, R., 1979, AMB, Rev. Ass. Med. Brasil., v. 25 (6), 190-200
Crithidia luciliae, detection of antibodies against native DNA, comparison of radioimmunoassay and direct immunofluorescence, rat livers

Crithidia luciliae, illus.
Immunofluorescence assay for double-stranded DNA antibodies using Crithidia luciliae kinetoplast as double-stranded DNA substrate

Crithidia luciliae, illus.
Crithidia luciliae, use in immunofluorescence anti-DNA assay in patients with systemic lupus erythematosus

Crithidia luciliae
Stefanovic, Z.; Arneric, S.; and Mijailovic, R., 1979, Parasitol. v. 81 (2), 499-500
Crithidia luciliae used as antigen substrate in immunofluorescence test for detection of antibodies against dsDNA

Crithidia luciliae
Crithidia luciliae test for antibodies to native DNA in patients with systemic lupus erythematosus

Crithidia mellificae
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Crithidia oncocelti
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Crithidia oncocelti
Chang, K. P.; et al., 1978, J. Protozool., v. 25 (4), 145-149
Methylglyoxal bis(guanylhydrazone) (MGBG), little in vitro effect on Blastocritidia culicis, Crithidia oncocelti, and Leishmania spp. but complete inhibition of growth of Trypanosoma brucei, reduced parasitemia of T. brucei and T. congolesne in rats but infections relapsed, tracer studies with T. brucei showed that MGBG interfered with nucleoside incorporation

Crithidia oncocelti
Figueredo, E. N.; et al., 1978, J. Protozool., v. 25 (4), 546-548
Crithidia spp., enzymes of ornithine-arginine metabolism, existence of common enzymatic pattern for species of this genus

Crithidia oncocelti
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Crithidia oncocelti
Trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Crithidia oncocelti
Crithidia oncocelti, motile response of flagellum to changes in temperature, pressure, and viscosity of environment, results provide information about mechanochemical cycle which bends flagellum

Crithidia oncocelti
Crithidia oncocelti, analysis of shape and propagation of waves on flagellum

Crithidia oncocelti
Crithidia oncocelti, individual assignments of heme resonances in 360 MHz 1H NMR spectra of cytochrome c-557

Crithidia oncocelti
McCormack, J. J.; et al., 1979, Biochem. Pharmacol., v. 28 (21), 3227-3229
Inhibition of dihydrofolate reductases by derivatives of 2,4-diaminopyrroloquinazoline, Crithidia oncocelti used as one source of reductases

Crithidia oncocelti, illus.
Crithidia oncocelti, acriflavine, effect on structure of kinetoplast, kinetoplast DNA, protein synthesis in kinetoplast and cytoplasmic ribosomes; suggests that information required for synthesis of kinetoplast ribosomes is contained in kinetoplasts
Crithidia oncopelti, illus.
Crithidia oncopelti, comparative study of ultrastructure, cultures differing in sensitivity to olovymycin; lipid drops in cytoplasm of resistant protozoa; nature of action of olovymycin on sensitive parasites

Crithidia oncopelti
Zaitseva, G. N.; Aseev, V. V.; and Kunavina, I. Iu., 1978, Biokhimia, v. 43 (2), 283-289
Crithidia oncopelti nucleoli, DNA-dependent RNA polymerase activity

Crithidia oncopelti
Crithidia oncopelti, C. fasciculata, ribosomal RNA synthesis in kinetoplasts

Cryptobia sp., illus.

Cryptobia catostomi n. sp., illus.
Ollenschlaeger, B., 1975, Tiereraerzt. Prax., v. 3 (1), 99-107
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

Cryptobia catostomi
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

Cryptobia catostomi n. sp., illus.
Cryptobia catostomi in Catostomus commersoni (blood), division and morphogenesis, explanation for variation in parasite size

Cryptobia catostomi
Catostomus commersoni (blood): Oyster River, Strafford County, New Hampshire

Cryptobia lomakini sp. n., illus.
Khaibulaev, K. Kh., 1971, Parazitologiia, Leningrad, v. 5 (6), 551-555
Gobius melanostomus affinis
G. kessleri gorlap
G. fluvialtis pullasi
Benthophilus macrocephalus (blood of all): all from Caspian Sea

Cryptobia salmositica
Cryptobia salmositica in Salmo gairdneri (exper.), plasma glucose and proteins and haematocrit levels during course of infection, changes produced in host metabolism will undoubtedly affect host growth and population size

Cryptobia salmositica
Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (7), 1514-1518
Cryptobia salmositica in Salmo gairdneri (exper.), division process
Piscicola salmositica: Vancouver Island Oncorhynchus kisutch (exper.)

Cryptocaryon gen. n.
mt: C. irritans gen. et sp. n.

Cryptocaryon irritans gen. et sp. n. (mt)
Canthigaster rostratus
Scarus cretensis
Diplodus vulgaris

Cryptocaryon irritans Brown, 1951
Cheung, P. J.; Nigrelli, R. F.; and Ruggieri, G. D., 1979, J. Fish Dis., v. 2 (2), 93-97
Cryptocaryon irritans, effect of temperature and salinity on reproductive cycle

Cryptochilum Maupas, 1883
Iankovskii, A. V., 1979, Parazitologiia, Leningrad, v. 7 (3), 214-219
Hymenostomatida, Tetrahymenina, Entodiscidae fam. n.

Cryptochilum cuenoti
as syn. of Symbionecta cuenoti (Florentin, 1898) comb. n.

Cryptosporidia
Brazitus, T. A., 1979, Am. J. Med., v. 67 (6), 1058-1065
parasitic infections, association with malabsorption in man
Cryptosporidium, illus.
Cryptosporidium and Eimeria found among other agents in newborn calves that had naturally occurring diarrheal disease: Iowa

Cryptosporidium
Cryptosporidium, bovine, ultrastructure of life cycle stages

Cryptosporidium sp., illus.
Cryptosporidium sp., calves (free in lumen of small intestine), light, transmission and scanning electron microscopy: Colorado State University

Cryptosporidium sp., illus.
turkeys (respiratory tract): Indiana

Cryptosporidium sp.
Pseudechis porphyriacus (stomach mucosa): zoological park near Brisbane, Australia

Cryptosporidium sp., illus.
Cryptosporidium sp., calf (brush border of villous epithelial cells in distal small intestine), light, transmission and scanning electron microscopy: Great Britain

Cryptosporidium sp., illus.
Cryptosporidium sp., calves (free in lumen and attached to epithelium of ileum), life cycle, morphology, pathology, diarrhea, transmission and scanning electron microscopy

Cryptosporidium sp., illus.
Cryptosporidium [sp.] in Arabian foals with inherited combined immunodeficiency, mixed infection with adeno viruses, difficult to separate effects of both disease agents

Cryptosporidium sp., human, case report, immunosuppressed renal-transplant recipient with IgA deficiency: Johns Hopkins Hospital

Cryptosporidium cuniculus [n. sp.], illus.
Inman, L. R.; and Takeuchi, A., 1979, Vet. Path., v. 16 (1), 89-95
Cryptosporidium cuniculus [n. sp.?] in asymptomatic Cryptosporidium cuniculus (ileum), electron microscopy (transmission and scanning), altered intestinal microvilli in attachment of parasite

Cryptosporidium cuniculus, illus.
Cryptosporidium cuniculus (jejunum, ileum): rabbitry, California

Cryptosporina gen. n.
Weisburger, J. R., 1979, Avian Path., v. 72 (3), 473-478

Cryptosporina brachyfila sp. n., (tod), illus.
Theholoaniidae fam. n., key
tod: C. brachyfila sp. n.

Cryptosporina brachyfila sp. n., (tod), illus.
Piona sp. (adipose tissue): West swamp, Payne's Prairie, State Road 121, near Gainesville, Florida, U.S.A.

Curviperistematus subgen. n.
subgen. of Nyctotherus
tod of subgen.: N. (C.) ochoterenai Schouten, 1937

Cygnicollum Bogolepova, 1953
as syn. of Lecudina Mingazzini, 1891

Cygnicollum attenuatrum Bogolepova, 1953
as syn. of Lecudina attenuata (Bogolepova, 1953) Theodorides, 1969

Cystocephalus devdharii n. sp., illus.
Patil, C. C.; and Amoji, S. D., 1979, Arch. Protistenk., v. 122 (3-4), 333-339
Rhytinota impolita (intestine): near Gulbarga, Karnataka, India

Cystoisospora
cyst-forming coccidia, life cycle, taxonomy, comparative review

Cystoisospora canis
coccidia, dogs (feces), coprological and serological survey: South Germany

Cystoisospora felis
Fayer, R.; and Frenkel, J. K., 1979, J. Parasitol., v. 65 (5), 756-762
6 spp. of feline coccidia, oocytes fed to calves, calf tissue then fed to cats: neither Besnoitia, Hammondia, nor Sarcocystis were pathogenic for calves nor did they establish patent infections which could be transmitted back to cats; Cystoisospora spp. were not pathogenic for calves but could be transmitted back to cats; Toxoplasma strains were slightly to moderately pathogenic for calves and could be transmitted back to cats
Cystoisospora ohioensis  
Boch, J.; Boehm, A.; and Weiland, G., 1979,  
Berl. u. Munchen. Tierarztl. Wchnschr., v. 92  
(12), 240-243  
coccidia, dogs (feces), coprological and  
serological survey: South Germany

Cystoisospora rivolta  
Fayer, R.; and Frenkel, J. K., 1979,  
J. Parasitol., v. 65 (5), 756-762  
spp. of feline coccidia, oocysts fed to  
calves, calf tissue then fed to cats; nei-  
ther Besnoitia, Hammondia, nor Sarcocystis  
were pathogenic for calves nor did they es-  
stablish patent infections which could be  
transmitted back to cats; Cystoisospora spp.  
were not pathogenic for calves but could be  
transmitted back to cats; Toxoplasma strains  
were slightly to moderately pathogenic for  
calves and could be transmitted back to cats

Cystoisosporinae new subfamily  
Frenkel, J. K.; et al., 1979, Ztschr. Para-  
sitol., v. 58 (2), 115-139  
Coccidia

Cytamoeba bacterifera, illus.  
da Costa, S. C. G.; da Silva, A. M.; and  
Janeiro, v. 12 (3), 157-159  
Cytamoeba bacterifera, taxonomy, geographic  
distribution, cytology, life cycle, review  
Leptodactylus ocellatus: Estado do Rio de  
Janeiro; Estado da Guanabara, Brasil

Cytamoeba bacterifera Labbe, 1894  
Univ. Purkynianae Brun., Biol., v. 6 (5), 177-  
209  
Rana esculenta (krev): CSSR

Cytauxzoon sp., illus.  
Ferris, D. H., 1979, Comp. Immunol., Micro-  
bol. and Infect. Dis., v. 1 (4), 269-276  
Cytauxzoon sp., cats (blood, lungs, spleen,  
liver, lymph nodes) (nat. and exper.), dis-  
ease syndrome, differential diagnosis, prog-  
nosis, epizootiology, review: Missouri;  
Arkansas; Texas; Georgia

Cytauxzoon sp., illus.  
Meet., Am. Ass. Vet. Lab. Diagn. (Minneapolis,  
Minnesota, Oct. 16-18), 123-130  
Cytauxzoon sp., domestic cats, diagnosis,  
gross and microscopic lesions

Cytauxzoon-like parasite  
Shindel, N.; Dardiri, A. H.; and Ferris, D. H.,  
Cytauxzoon-like parasite, cats (exper.), de-  
tection in frozen spleen sections by indirect  
fluorescent antibody test

Cytauxzoon [sp.]  
Wagner, J. E.; Kier, A. B.; and Morehouse, L.  
G., 1976, Missouri Vet., v. 26 (2), 12-15  
Cytauxzoon [sp.], domestic cats (blood),  
case reports: southwestern Missouri

Cytauxzoon felis, illus.  
Meet., Am. Ass. Vet. Lab. Diagn. (Minneapolis,  
Minnesota, Oct. 16-18), 123-130
Dactylosoma
Krylov, M. V.; and Krylova, N. P., 1972, Parasitologiya, Leningrad, v. 6 (6), 493-505
Piroplasmida, analysis of host specificit

Dactylosoma ranarum (Lankester, 1882) Labbe 1894, illus.
Dactylosoma ranarum, life cycle forms related to Toxoplasma
Leptodactylus ocellatus: Rio Bonito, Alcantara (Estado do Rio de Janeiro), Brazil

Dactylosoma ranarum (Krusse, 1890) Labbe, 1894, illus.

Dermocystidium percae Reichenbach-Klinke
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Dermocystidium ranae Guyenot et Naville, 1922, illus.
description
Rana temporaria (kuze): CSSR

Dermocystidium salmonis
Makhowenka, E. T., 1972, Parasitologiya, 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

Dermosporidium granulosum Broz et Privora, 1952, illus.
description
Rana temporaria (kuze): CSSR

Dermosporidium multigranulare Broz, Kulda, 1954, illus.
description
Rana temporaria (kuze): CSSR

Dercocmonas intestinalis Grassi (1882)
as syn. of Hexamita intestinalis Dujardin, 1841

Didymophyes gigantea, illus.
Didymophyes gigantea, electron microscopy of developmental stages of trophozoite, fine structure of deutomerite, nuclear division, Golgi apparatus
Oryctes nasicornis (Darm): Prafragance (Cevennes) and 'La Forestiere', Lesquin (Departement Nord), France

Dientamoeba fragilis
Akhtaruzzaman, K. M.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (4), 427-431
comparison of different methods for detection of intestinal protozoa and helminths in human stool
Dientamoeba fragilis
Blecka, L. J., 1978, J. Parasitoll., v. 64 (2), 362-365

Patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fecal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable.

Dientamoeba fragilis
de Carneri, I.; and Grassi, L., 1974, Parasitologia, v. 16 (1), 79-81
Dientamoeba fragilis, Entamoeba histolytica, E. coli, prevalence in 500 individuals, taxonomic implications of differential drug sensitivity.

Dientamoeba fragilis
Enteric human pathogens, sexual transmission, higher prevalence among homosexual males, public health aspects.

Dientamoeba fragilis
Balantidium coli, effect of various bacteria on propagation in vitro, on erythrocytopagocytic capability of balantidia, and on susceptibility of balantidia to atebrin, entobex, mecox, form, and protargol; Trichomonas hominis, Chilomastix mesnili, and Dientamoeba fragilis found to be without effect; effect of balantidia on bacteria.

Dientamoeba fragilis
Sargeaunt, P. G.; and Williams, J. E., 1979, Tr. Roy. Soc. Trop. Med. and Hyg., v. 73 (2), 225-227
Pathogenic and non-pathogenic intestinal amoeba of man, all species can easily be distinguished by characteristic electrophoretic isoenzyme patterns.

Dientamoeba fragilis, illus.
Dientamoeba fragilis, children with acute and chronic gastrointestinal symptoms, clinical findings, symptomatic recovery after treatment with diconidohydroxyquin or metronidazole indicates pathogenic role.

Dientamoeba fragilis
Enteric protozoa, Enterobius vermicularis, high rate of infection in homosexual men who practice anilingus; New York City.

Dinema perttyi, Huber, Pestalozzi
Peranemidae, key to species

Dinema sp.
Microcyclops varicans: water body of Botanical Garden, Brisbane, Australia.

Dinema aegypticum Mich.

Dinema agile Michajlow, 1965
Acanthocylops vernalis

Dinema agile Mich.
Key

Dinema amoeboidiale Michajlow, 1970
Acanthocylops vernalis

Dinema amoeboidiale Mich.
Key

Dinema antarcticum sp. n., illus.
Pseudoboeckella silvestri (eggs)- reservoir on King George Island, Southern Shetland Islands, Antarctica.

Dinema australiense Mich.
Mesocylops leuckarti: water body of Botanical Garden, Australia.

Dinema bangalorense sp. n. illus.
Mesocylops leuckarti M. rylovi
Eucyclops serrulatus
All from Botanical Gardens Lal-Bagh, Bangalore, India (Karnataka).

Dinema cyclopus Mich.
Key

Dinema dis匹catum Michajlow, 1970
Eucyclops serrulatus

Dinema dis匹catum Mich.
Key

Dinema eudiaptomi Mich.
Key

Dinema hanoiense Mich.
Key
Dinema italicum Mich.
key

Dinema mazuriense Mich.
key

Dinema mazuriense, illus.
Acanthocyclops vernalis

Dinema metabolicum Michajlow, 1970
Acanthocyclops vernalis

Mesocyclops leuckarti

key

Dinema mazuriense,  illus.
Acanthocyclops vernalis

Dinema metabolicum Michajlow, 1970
Acanthocyclops vernalis

Mesocyclops leuckarti

Dinema minimum Mich.
key

Dinema mongolicum Mich.
key

Dinema naupliorum Mich.
key

Dinema ocelli Mich.
key

Dinema ocelli, illus.
Acanthocyclops vernalis

Dinema parvum  Mich.
key

Dinema penetrans  Mich.
key

Dinema pseudoboekellae sp. n., illus.
Pseudoboekellae silvestri (eggs): reservoir on King George Island, Southern Shetland Islands, Antarctica

Dinema rostratum Mich.
Mesocyclops leuckarti: water body of Botanical Garden, Australia

Dinema rotans Mich.
key

Dinema rotundum Mich.
key

Dinema rotundum Mich.
Mesocyclops leuckarti: water body of Botanical Garden, Melbourne, Australia

Dinema symmetricum Michajlow, 1970
Acanthocyclops vernalis

Dinema symmetricum Mich.
key

Dinema symmetricum Mich.
key

Dinema trakayense Michajlow, 1970
Macrocyclops albidus

Dinema trakayense Mich.
key

Dinema undulaflagellatum Monch.
key

Dinema unispicatum Michajlow, 1970
Eucyclops serrulatus

Dinema unispicatum Mich.
key

Dinema vaksalense Mich.
key

Dinema violeutum Michajlow, 1970
Acanthocyclops vernalis

Dinema symmetricum Mich.
key

Dinema undulaflagellatum Monch.
key

Dinema unispicatum Michajlow, 1970
Macrocyclops albidus

Dinema trakayense Mich.
key

Dinema unispicatum Michajlow, 1970
Eucyclops serrulatus

Dinema unispicatum Mich.
key

Dinema vaksalense Mich.
key

Dinema violeutum Michajlow, 1970
Acanthocyclops vernalis
Dinemia violentum Mich.
key

Dinemia Mich.
Peranemidae, key
to species

Dinemia ocelli Michajlow, 1970
Mesocyclops leuckarti
Acanthocyclops vernalis

Dinembula Mich.
key
to species, includes: Dinemula celer Mich.

Dinemula celer, illus.
Dipartiella sp.? illus.
Crenilabrus tinca (gills): Black Sea

Diplauxis [sp.]
Laoneris glauca (coelomique): Villefranche-sur-Mer (Alpes-Maritimes)

Diplauxis schreveli
syzygy from Platynereis dumerilii at Villefranche-sur-Mer identified by Theodorides, 1969 a, as Lecudina platynereidis actually belongs to D. schreveli

Diplocystis tipulae sp. nov., illus.
Sherlock, P. L., 1979, Parasitology, v. 78 (2), 207-220
Diplocystis tipulae sp. nov. from Tipula spp., morphology, life cycle, relationship with intestinal gregarines, synchrony between host and parasite developmental rates, pathology, host reactions
Tipula paludosa (nat. and exper.): Northumberland and Cumbria
T. oleracea (exper.)
(larval midgut surface and throughout haemocoel of pupae and adults of all)

Doliocystis Leger, 1893
as syn. of Lecudina Mingazzini, 1891

Doliocystis criodrilii Sciachitano, 1931
as syn. of Lecudina criodrilii (Sciachitano, 1931) n. comb.

Drepanidium ranarum Krusse, 1890
as syn. of Dactylosoma ranarum (Krusse, 1890) Labbe, 1894

Duttonella, subgenus
identification of morphologically similar trypanosomes of mammals
East Coast fever
East Coast fever, cattle, 65 field cases, clinical symptoms; recovery of 20 animals appeared to be unrelated to severity of symptoms or to drug treatment: Uganda

Eimeria
Barker, I. K.; Munday, B. L.; and Presidente, P. J. A., 1979, J. Parasitol., v. 65 (3), 451-456
Syn.: Ileocystis

Eimeria

Eimeria
Godfrey, D. G., 1979, J. Parasitol., v. 65 (3), 408-415
Identification of economically important parasites (use of anatomical, biochemical, and behavioral tests), brief review

Eimeria
Gutteridge, W. E.; and Coombs, Biochemistry of parasitic protozoa, 172 pp., illus.

Eimeria
Joyner, L. P.; et al., 1978, Parasitology, v. 77 (1), 27-31
Coccidia, particularly of the genus Eimeria, proposed terminology which provides for discussion of variation at infrasubspecific levels, guidelines for designation of strains and lines

Eimeria[a], illus.
Koerting, W., 1977, Fisch u. Umwelt (4), 37-48
Fish parasites, histopathological changes

Eimeria
Demonstration of antibodies to Protozoa, extensive review

Eimeria
McCallister, G. L., 1979, J. Parasitol., v. 65 (1), 24
Eimeria, use of commercial soft drinks as source of carbon dioxide for excystation of oocysts

Eimeria
Cryptosporidia and Eimeria found among other agents in newborn calves that had naturally occurring diarrheal disease: Iowa

Eimeria
Intestinal nematodes and coccidia compared in terms of host response and immunity, colloquium presentation

Eimeria
Immune response to Eimeria, review

Eimeria
Samoil, H. P.; and Samuel, W. M., 1977, Canad. J. Zool., v. 55 (10), 1671-1683
Key to species parasitizing members of genus Lepus includes: Eimeria septentrionalis; E. homlesi n. sp.; E. punjabensis; E. hungarica; E. ruficaudati; E. keithi n. sp.; E. rowani n. sp.; E. athenascensis n. sp.; E. robertsonii; E. stefanski; E. americana; E. europea; E. stiedai; E. belorussica; E. townsendi; E. semisculpta; E. sculpta

Eimeria [sp.], presumably E. neosciuri
Britt, D.; and Molineux, D. H., 1979, J. Parasitol., v. 65 (3), 408
Sciurus carolinensis: Delamere Forest, Cheshire, England

Eimeria sp.
Canis lupus (feces): northeastern Minnesota

Eimeria spp.
Carpenter, J. W.; et al., 1979, J. Am. Vet. Med. Ass., v. 175 (9), 948-951
Grus canadensis (feces): Patuxent Wildlife Research Center

Eimeria sp.
Davronov, O., 1973, Parazitologiia, Leningrad, v. 7 (2), 190-191
Eimeria sp., virulence for Mus musculus, possible use in biological control of house mice

Eimeria sp.
Coccidian oocysts from stools of crows examined, "After sporulation, however, it was clear that they were oocysts of Isospora and not Eimeria..." as reported by Bisseru and Lim in 1971: Klang, Malaysia

Eimeria sp.
Coyotes (feces): Montana

Eimeria spp.
Eimeria spp., lambs, amprolium and monensin, oocyst discharge, feed utilization, and ruminal metabolism
Eimeria spp.
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

Eimeria sp.
Colinus virginianus (intestine): Oklahoma

E[imeria spp.]
Eimeria spp., calves, heifers, and cows, age and seasonal dynamics: Lovevish okrug

Eimeria sp.
Krishnamurthy, R.; and Kshirsagar, H. S., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 153-156
Eimeria spp., goats (feces), prevalence and seasonal incidence: slaughter house at Parbhani, Maharashtra state

Eimeria sp., illus.
Histomonas meleagridis, absence in ceca of Coturnix coturnix japonicum; incidental finding of developmental stages of Eimeria spp.: Philippines

Eimeria spp., illus.
cattle (intestine)
Sheep
all imported to United Arab Republic

Eimeria sp.
Eimeria spp., sheep, incidence, distribution, review of clinical aspects, pathology, epizootiology: Spain

Eimeria sp. n. Brada, 1966
as syn. of Eimeria dunsingi Farr, 1960

Eimeria sp., unidentified
Woolf, A.; and Harder, J. D., 1979, Wildlife Monogr. (67), 53 pp.
Odocoileus virginianus: Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania

Eimeria sp., illus.
Symphodus scina (urinary bladder): Black Sea

Eimeria abidzhanovi sp. n., illus.
Davronov, O., 1973, Parazitologia, Leningrad, v. 7 (1), 79-86
Rhomboynys opimus: Karshinsk and Ul'tianovsk regions, Uzbek SSR

E[imeria] acervulina
Experimental reproduction of necrotic enteritis in chicks with mixed infections of Clostridium perfringens and coccidia

E[imeria] acervulina
Bednik, P.; et al., 1979, Arch. Geflugelk., v. 43 (1), 7-10
Eimeria spp., chickens (exper.), comparative efficiency of anticoccidials in combination with growth promotant nitrovin

Eimeria acervulina
Eimeria spp., excystation, roles of various enzymes

Eimeria acervulina, illus.
Chappel, L. R., 1979, J. Parasitol., v. 65 (1), 137-143
Eimeria spp., chicks, site of action of salinomycin

Eimeria acervulina
Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (2), 304-307
Eimeria spp., broilers (exper.), salinomycin, monensin, lasalocid, drug tolerance and anticoccidial efficacy compared in 5 field trials, commercial facilities

Eimeria acervulina
Cruthers, L. R.; et al., 1978, Poultry Science, v. 57 (5), 1227-1233
Eimeria spp., broiler chicks (exper.), lonomycin in feed, high degree of anticoccidial activity, comparison with lasalocid and monensin

Eimeria acervulina
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1468-1475
Eimeria spp. (recent field isolates resistant to various drugs), chickens, halofuginone, action cidal rather than static

Eimeria acervulina
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1476-1482
Eimeria spp. (recent field isolates resistant to various drugs), halofuginone with roxarsone and/or bacitracin MD

Eimeria acervulina
Eimeria acervulina-infected chickens, reduced time of generation cycle of duodenal crypt cells as measured by [*H]thymidine, increased population of dividing cells within each duodenal crypt; changes seem to result from induced changes in functional activity

Eimeria acervulina
Greeley, E.; and Kuehnhold, W., 1977, Prakt. Tierarzt., v. 58 (5), 338-341
Eimeria spp., chickens (exper.), synergistic effect of metichlorpindol and methylbenzoquate, rotation program with other coccidio-stats discussed
Eimeria acervulina
Eimeria spp., chicks (exper.) and cell cultures, activity of chlorobromofebrifugine

Eimeria acervulina
Eimeria acervulina, chicks (exper.), stress of intestinal infection results in depletion of ascorbic acid in blood plasma and tissues, addition of dietary ascorbic acid prevents depletion

Eimeria acervulina
Kellogg, P. E.; Doster, G. L.; and Johnson, J. R., 1971, J. Wildlife Dis., v. 7 (3), 186-187
Indian red junglefowl, pen-raised (small intestine)

Eimeria acervulina
Kilgore, R. L.; et al., 1978, Poultry Science, v. 57 (4), 907-911
Eimeria spp., broiler chickens (exper.), arprinocid, effects on weight, feed efficiency, and histological lesions

Eimeria acervulina
Kilgore, R. L.; et al., 1979, Poultry Science, v. 58 (1), 67-71
Eimeria spp., chickens, floor-pen trials evaluating 4 methods of induced exposure to coccidiosis suitable for use in drug research operations, laboratory sporulated oocysts spread over litter most satisfactory method

Eimeria acervulina
Kucera, J.; and Lom, J., 1979, Veterinarstvi, v. 29 (8), 351-353
Eimeria spp., Heterakis gallinae, incidence at large scale poultry farms using cage breeding methods: Cechach

Eimeria acervulina
Kutzer, E.; et al., 1979, Wien. Tierarztl. Monatsschr., v. 66 (6-7), 197-202
Eimeria spp., broiler chickens, arprinocid, drug efficacy compared with monensin

Eimeria acervulina
Eimeria spp., chickens (feces), rate of infection: Baghdad area, Iraq

Eimeria acervulina
Eimeria spp., chickens, incidence of clinical coccidiosis by month of year and age of host in the Ontario Veterinary Services Branch records 1973-1977, possible use of data to synchronize drug rotation with change in incidence

Eimeria acervulina
Long, P. L.; and Millard, B. J., 1978, Avian Path., v. 7 (3), 373-381
coccidiosis, broiler chickens, effect on oocyst output of various treatment regimens

Eimeria acervulina
Long, P. L.; and Millard, B. J., 1979, Avian Path., v. 8 (3), 213-228
Eimeria spp., young chickens kept in litter pens, immunization, response to challenge with homologous and heterologous strains, effect of host age and of immunizing dose, timing of onset of immunity, longevity of immunity

Eimeria acervulina
Long, P. L.; Millard, B. J.; and Smith, K. M., 1979, Avian Path., v. 8 (4), 453-467
Eimeria spp., chickens, effect of 4 anti-coccidial drugs on development of immunity, field and laboratory conditions

Eimeria acervulina
Long, P. L.; and Rowell, J. G., 1975, Brit. Poultry Sc., v. 16 (6), 583-592
Eimeria spp., method of sampling surface litter of commercial broiler houses for laboratory estimation of numbers of coccidial oocysts

Eimeria acervulina
McDougald, L. R.; Karlsson, T.; and Reid, W. M., 1979, Avian Dis., v. 23 (4), 999-1005
coccidiosis, chickens (exper.), natural outbreak of infectious bursal disease (IBD), during comparison of anticoccidials for their effect on development of immunity, interaction between diseases, immunity to coccidiosis not blocked by IBD

Eimeria acervulina
Eimeria spp., effects of coccidiosis on digestive capacity (amylase) of broiler chickens, changes in pancreatic, luminal, and surface-bound amylolytic activity, reduction in amylolytic activity as pH went below 5.0

Eimeria acervulina
Major, J. R., jr.; and Ruff, M. D., 1978, J. Parasitol., v. 64 (4), 706-711
Eimeria spp.-infected broilers, reduced disaccharidase activity in region of intestine with maximum infection, this reduction is related to both time and severity of infection and can contribute to overall reduction in nutrient absorption

Eimeria acervulina
Michael, E., 1978, Ztschr. Parasitenk., v. 57 (3), 221-228
Eimeria acervulina, formation and final structure of oocyst wall, transmission and scanning electron microscopy

Eimeria acervulina
Migaki, T. T.; Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (5), 1192-1196
Eimeria spp., chicks (exper.), salinomycin, monensin, Lasalocid, efficacy in battery trials

Eimeria acervulina
Eimeria spp., chickens (exper.), efficacy of coccidiostats in feed, better production efficiency of medicated groups
Eimeria acervulina
Eimeria tenella, E. acervulina, sporozoites, ratio of rhoptry-micronec elements to anterior pole cytoplasm, such ratios may be species specific

Eimeria acervulina
Morrison, W. D.; Ferguson, A. E.; and Leeson, S., 1979, Poultry Science, v. 58 (5), 1160-1161
Eimeria spp., chicks (exper.), salinomycin and crenorol compared with other anticoccidials, efficacy and effect on chick performance

Eimeria acervulina
Eimeria spp., chicks (exper.), no interference with overall intestinal absorption of 14C-glucose, results suggest probable compensatory absorption by sections of intestine unaffected by a specific coccidial infection

Eimeria acervulina
Eimeria E. tenella, chickens, effect of single vs. repeated vs. successive infections of mixed species on manifestation of symptoms, food intake and body weight gain, and oocyst production

Eimeria acervulina
Olson, G.; et al., 1978, Poultry Science, v. 57 (5), 1245-1250
Eimeria spp. field isolates, chickens (exper.), arprinocid in comparison trials with marketed drugs, effective against all isolates tested including those refractory to many of the other products

Eimeria acervulina
Ongao, H.; et al., 1978, Nippon Zyuji-Kai Sasi (J. Japan Vet. Med. Ass.), v. 31 (10), 592-596
Eimeria spp., chicks and cell cultures, monensin

Eimeria acervulina
Panitz, E., 1979, Parasitology, v. 78 (1), 33-40
Eimeria spp., chicks, anticoccidial efficacy and cross-resistance patterns of N,N'-bis (3,4 ditrifluoromethylphenyl) methylmalonamide compound have no practical application because of weight gain depression

Eimeria acervulina
Eimeria tenella, E. acervulina, E. brunetti, polyvaccine tested, chicks maintained in battery cages or deep litter; simultaneous zoalene treatment efficacious in deep litter maintenance

Eimeria acervulina
Eimeria spp., chickens, crenorol prevents coccidiosis under laboratory and field conditions, during fattening period

Eimeria acervulina
Quarles, C. L.; and Fagerberg, D. J., 1979, Poultry Science, v. 58 (2), 465-468
Eimeria acervulina chicks (exper.), ammonia stress, mortality and growth performance

Eimeria acervulina
Rose, M. E.; and Hesketh, P., 1979, Infect. and Immum., v. 26 (2), 659-677
Eimeria spp. infections in normal animals vs. in animals with functional deficiencies in either T-lymphocytes or B-lymphocytes

Eimeria acervulina
Rose, M. E.; Hesketh, P.; and Ogilvie, B. M., 1979, Immunology, v. 36 (1), 71-79
Eimeria maxima, chickens, E. nieschulzi, rats, primary and secondary infections, E. maxima-immunized chickens challenged with E. acervulina: peripheral blood leucocyte response, correlation with resistance to reinfection

Eimeria acervulina
Eimeria spp., chickens, anticoccidials, safe withdrawal times, effect on nutrient malabsorption

Eimeria acervulina
Ruff, M. D.; et al., 1978, Avian Dis., v. 22 (1), 32-41
Eimeria spp., broilers (exper.), arprinocid, drug efficacy in both battery and floor-pen trials

Eimeria acervulina
Ruff, M. D.; et al., 1979, Poultry Science, v. 58 (2), 298-303
Eimeria spp., battery raised broilers (exper.), narasin compared with monensin

Eimeria acervulina
Ruff, M. D.; Anderson, W. I.; and Reid, W. M., 1978, J. Parasitol., v. 64 (2), 306-311
Eimeria spp. in broilers, arprinocid decreased number of oocysts produced, fewer of the oocysts sporulated, and those oocysts which did sporulate were less infective than those from unmedicated birds

Eimeria acervulina
Eimeria acervulina, 5 strains, broiler chicks, dietary aflatoxin increased severity of coccidiosis (body weight, plasma pigment, blood parameters)

Eimeria acervulina
Ruff, M. D.; Wyatt, R. D.; and Witlock, D. R., 1978, J. Parasitol., v. 64 (1), 23-26
Eimeria spp. in broilers, severe infection increased prothrombin times compared with uninfected birds

Eimeria acervulina
Ryley, J. F.; and Hardman, L., 1978, J. Parasitolog., v. 64 (5), 878-881
Eimeria acervulina, E. mivati, speciation studies (cross-immunity and drug resistance studies), some immunological relationship was demonstrated but the failure of the 2 organisms to interbreed in the drug resistance studies lends support to status of E. mivati as distinct species
Eimeria acervulina
Ryley, J. F.; and Hardman, L., 1978, Parasitology, v. 76 (1), 11-20
Eimeria spp., chicks (exper.), effects of dietary vitamin K on severity of disease with particular attention to effects of vitamin K on response to anticoccidial drugs, concluded that use of vitamin K deficient diet for experimental work is quite justified

Eimeria acervulina
Ryley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-59
Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-floatation methods for separation of oocysts from feces

Eimeria acervulina
Schindler, P.; et al., 1979, Poultry Science, v. 58 (1), 23-27
Eimeria spp., broiler chicken pen trials, arprinocid in feed highly effective prophylaxis, comparison with halofuginone, monensin, nicarbazin, and pancoxin: England; France; Germany

Eimeria acervulina
coccidiosis, broilers, field trials of anticoccidials: CSSR

Eimeria acervulina
Shirley, M. W., 1979, Avian Path., v. 8 (1), 107-113
Eimeria mivati, enzyme electrophoresis, cross-immunity, and other studies suggest that confusion over taxonomic status arose because some cultures were contaminated with E. acervulina; possibility exists that E. mivati and E. mitis are same species; E. diminutia or E. acervulina var. diminuta "should... be referred to as E. mivati (diminuta)."

Eimeria acervulina
Shirley, M. W., 1979, Parasitology, v. 78 (2), 221-237
Eimeria mivati, enzyme electrophoresis, cross-immunity, and other studies suggest that confusion over taxonomic status arose because some cultures were contaminated with E. acervulina; possibility exists that E. mivati and E. mitis are same species; E. diminutia or E. acervulina var. diminuta "should... be referred to as E. mivati (diminuta)."

Eimeria acervulina
Tamas, T.; et al., 1978, Poultry Science, v. 57 (2), 581-585
Eimeria acervulina, E. maxima, E. necatrix, E. tenella, arprinocid and dichloro analog L-628,914 in feed, decrease in oocysts' capacity to sporulate

Eimeria acervulina
Wang, C. C.; et al., 1979, Biochem. Pharmacol., v. 28 (15), 2249-2260
arprinocid inhibits hypoxanthine-guanine transport, may be mode of anticoccidial action

Eimeria acervulina var. diminuta
Joyner, L. P.; et al., 1978, Parasitology, v. 77 (1), 37-31
"The term 'variety' is considered unnecessary: it is proposed that the above parasites should be given the status of Strains. Parasites previously described as E. maxima var. indentata for example, would be better referred to as E. maxima (indentata)."

Eimeria acervulina var. diminuta
Shirley, M. W., 1979, Parasitology, v. 78 (2), 221-237
Eimeria mivati, enzyme electrophoresis, cross-immunity, and other studies suggest that confusion over taxonomic status arose because some cultures were contaminated with E. acervulina; possibility exists that E. mivati and E. mitis are same species; E. diminutia or E. acervulina var. diminuta "should... be referred to as E. mivati (diminuta)."

Eimeria acervulina var. mivati
Schindler, P.; et al., 1979, Poultry Science, v. 58 (1), 23-27
Eimeria spp., broiler chicken pen trials, arprinocid in feed highly effective prophylaxis, comparison with halofuginone, monensin, nicarbazin, and pancoxin: England; France; Germany

Eimeria acervulina var. mivati
Shirley, M. W., 1979, Parasitology, v. 78 (2), 221-237
Eimeria mivati, enzyme electrophoresis, cross-immunity, and other studies suggest that confusion over taxonomic status arose because some cultures were contaminated with E. acervulina; possibility exists that E. mivati and E. mitis are same species; E. diminutia or E. acervulina var. diminuta "should... be referred to as E. mivati (diminuta)."

Eimeria adenoides, illus.
Bemrick, W. J.; and Hammer, R. F., 1979, Avian Dis., v. 23 (4), 812-820
Eimeria adenoids, turkeys (exper.), damage to cecal mucosa, scanning electron microscopy

Eimeria adenoides
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1483-1489
Eimeria spp., turkeys, halofuginone effective

Eimeria adenoides
Hamet-Foure, N.; Macar, C.; and Robin, B., 1979, Avian Path., v. 8 (1), 107-113
Eimeria meleagrititis, E. adenoides, turkeys, activity of clopidol with methylbenzoquate and amprolium with ethopabate: France
Eimeria adenoides
McDougald, L. R., 1979, Poultry Science, v. 58 (1), 76-80
coccidiosis, histomoniasis, turkeys, tests for efficacy and compatibility indicate that amprolium and carbarsone can be used in combination

Eimeria adenoides
McDougald, L. R.; and Johnson, J. K., 1979,
Poultry Science, v. 58 (3), 72-75
Eimeria spp., turkeys, efficacy of aprinocid compared with amprolium, floor pen studies

Eimeria adenoides
McDougald, L. R.; and McQuiston, T. E., 1978,
Avian Dis., v. 22 (4), 765-770
Eimeria spp., kennels, coccidiosis management, innate (age) resistance and acquired immunity vs. anticoccidial medication

Eimeria adenoides, illus.
Madden, P. A.; and Ruff, M. D., 1979, J. Parasitol., v. 65 (2), 234-242
Eimeria spp. in turkeys, effects on structural integrity of intestinal and cecal mucosa, scanning electron microscopy, comparison of damage with parasite distribution as seen by light microscopy

Eimeria adenoides
Eimeria spp., turkey pouls (exper.), single and mixed infections, lasalocid sodium, controlled battery trials

Eimeria adenoides
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Eimeria adenoides
Reid, W. M.; Anderson, W. I.; and McDougald, L. R., 1978, Avian Path., v. 7 (4), 560-576
Eimeria spp., turkey pouls, anticoccidial protection and development of immunity while using monensin

Eimeria adenoides
Eimeria meleagritis, E. adenoides, turkeys, outbreak causing great economic loss despite anticoccidial drug in medicated feed; need for recognizing development of resistant strains of coccidia: Beamsville, Ontario

Eimeria adenoides
Vvore, P.; et al., 1978, Ann. Recherches Vet., v. 9 (3), 531-539
Eimeria adenoides spp., turkeys (exper.), single and multiple infections, pathology, suggested role of bacteria in pathogenic potential

Eimeria ah-sa-ta
prevalence, prepatent period
sheep (feces): Wisconsin
Eimeria anseris

Eimeria apodemi

Eimeria arctica Yakimoff, Matschoulsky, Spartan-sky, 1939, illus.

Eimeria arkhari Yakimoff, Matschoulsky, 1934, illus.

Eimeria arloingi

Eimeria arloingi

Eimeria arloingi (Marotet, 1910), illus.

Eimeria arloingi
Krishnamurthy, R.; and Kshirsagar, H. S., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 153-156 Eimeria spp., goats (feces), prevalence and seasonal incidence: slaughter house at Parbhani, Maharahstra state

Eimeria arloingi
Martin, 1909, illus.

Eimeria arloingi

Eimeria arloingi

Eimeria arloingi

Eimeria arundeli sp. n., illus.
Barker, I. K.; Munday, B. L.; and Presidente, P. J. A., 1979, J. Parasitolog., v. 65 (3), 451-456 Vombatus ursinus (feces, tissues): North-eastern Tasmania, Australia; Victoria, Australia

Eimeria athabascensis sp. n., illus.

Eimeria auburnensis

Eimeria auburnensis

Eimeria auburnensis
Evplov, N. N.; and Nazarov, V. G., 1977, Veterinariia, Moskva (6), 65-66 Eimeria spp., calves, chemococcide effective; compared with biomycin and norsulfadoxil: Belgorodsk oblast

Eimeria auburnensis
Fitzgerald, P. R.; and Mansfield, M. E., 1979, J. Parasitolog., v. 65 (5), 824-825* Eimeria spp., calves (exper.), lasalocid

Eimeria auburnensis

Eimeria auburnensis

Eimeria auburnensis
Ward, J. K.; Ferguson, D. L.; and Parkhurst, A. M., 1979, J. Animal Sc., v. 49 (2), 306-309 gastrointestinal parasites, beef cows (feces), level of infection, effect of animal age and season of year: Mead, Nebraska

Eimeria audubonii
Wiggins, J. P.; and Rothenbacher, H., 1979, J. Parasitolog., v. 65 (3), 393-394 Sylvilagus floridanus (feces): central Pennsylvania

Eimeria azul sp. n., illus.
Wiggins, J. P.; and Rothenbacher, H., 1979, J. Parasitolog., v. 65 (3), 393-394 Sylvilagus floridanus (feces): central Pennsylvania

Eimeria badchisica
Daillonov, O., 1973, Parazitologiia, Leningrad, v. 7 (1), 79-86 Rhombomys opimus: Uzbek SSR
Eimeria handipurensis, illus.
Chowattukunnel, J. T., 1979, J. Protozool., v. 26 (1), 36-38
re-description
Funambulus tristriatus (feces): Kotkayam district, Kerala State, India

Eimeria bareillyi Gill, Chhabra & Lal, 1963
Kishnamurthy, R.; and Shastry, U. V., 1976,
Riv. Parasitol., Roma, v. 37 (1), 71-77
Eimeria bareillyi, morphology of oocyst
Bubalus bubalis: Parbhani, Maharashtra State, India

Eimeria beauchampi, illus.
Fitzgerald, P. R.; and Mansfield, M. E., 1979,
J. Parasit., v. 65 (5), 824-825
Eimeria spp., calves (exper.), lasalocid

Eimeria bovis, illus.
Fox, J. E., 1978, Mod. Vet. Pract., v. 59 (8), 599-603
bovine coccidiosis, review, emphasis on prevention and control; field tests, decoquinate against Eimeria bovis and E. zuernii prevented clinical signs of disease with no observable signs of toxicity

Eimeria bovis
Eimeria bovis, E. cylindrica, E. ellipsoidalis, calves, safe prophylaxis with biovetin

Eimeria bovis
Gobzen, V. R.; and Nazarov, V. G., 1978,
Veterinariia, Moskva (3), 67-69
Eimeria spp., calves, diagnostic difficulties, clinical symptoms, chemoprophylactic substances tested at various dosages and in various combinations

Eimeria bovis
Graefner, G.; Graubmann, H. D.; and Kron, A., 1978,
Eimeria spp., cattle on rearing and fattening farms, intensity and extensity of infection in relation to certain environmental conditions: DDR

Eimeria bovis
Hiepe, T.; Romeyke, D.; and Jungmann, R., 1978,
Monatsh. Vet. Med., v. 33 (23), 894-904
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria bovis
Klesius, P. H.; et al., 1975, Transplant. Proc., v. 7 (3), 449-452
Eimeria bovis, calves, delayed hypersensitivity (DH) response, passive transfer to other calves via lymphocytes and via cell-free transfer factor (TF); acquired immunity found in some calves receiving TF; DH skin reactivity for coccidian oocyst antigen and diphtheria toxoid was also passively transferred to rabbits, dogs, and rhesus monkeys with calf TP

Eimeria bovis
Eimeria ferrisi, cell-mediated immunity stimulated in mice by prophylactic treatment with bovine transfer factor (TFd) prepared from lymph node lymphocytes of cattle immune to E. bovis, lymphocyte stimulation and protection against clinical infection, susceptible mice given lymphocytes from donor mice treated with bovine TFd were also partly protected against clinical infection

Eimeria bovis
Eimeria bovis, Holstein-Friesian calves (exper.), monensin added to complete feed ration as preventive medication, control excellent
Eimeria bovis (Zublin, 1908) Fiebigcr, 1912, illus.

Musaev, M. A.; and Manafova, Sh. G., 1971, Parazitologija, Leningrad, v. 5 (4), 310-315

Eimeria smithi, valid species, not a synonym of Eimeria bovis

Eimeria bovis

Riley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-39

Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria bovis, illus.


parasites of calves, diagnosis, pathology, therapy, review

Eimeria bovis


gastrointestinal parasites, beef cattle (feces), level of infection, effect of animal age and season of year: Mead, Nebraska

Eimeria bovis

Zajicek, D.; et al., 1977, Veterinarstvi, v. 27 (11), 507-508

Eimeria spp., calves, prevalence in large-scale breeding

Eimeria brasiliensis

Cotteleer, C.; and Famerree, L., 1978, Schweiz. Arch. Tierhr., v. 120 (3), 149-156

Eimeria spp., cattle, rate of infestation: Belgium

Eimeria brunetti, illus.

Black, J.; and Smith, B. F., 1977, Microbios Letters (23-24), v. 6, 111-116

Eimeria brunetti, microgametogony and macrogametogony, ultrastructure

Eimeria brunetti

Chapman, H. D., 1978, Avian Path., v. 7 (2), 269-277

Eimeria maxima, E. brunetti, E. tenella, chickens, effect of monensin on development of immunity acquired by repeated low-level infections

Eimeria brunetti


Eimeria spp., excystation, roles of various enzymes

Eimeria brunetti

Chappel, L. E.; and Babcock, W. E., 1979, Poultry Science, v. 58 (2), 304-307

Eimeria spp., broilers (exper.), salinomycin, monensin, lasalocid, drug tolerance and anticoccidial efficacy compared in 5 field trials, commercial facilities

Eimeria brunetti Cruthers, L. R.; et al., 1978, Poultry Science, v. 57 (5), 1227-1233

Eimeria spp., broiler chicks (exper.), lonomycin in feed, high degree of anticoccidial activity, comparison with lasalocid and monensin

Eimeria brunetti

Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1469-1475

Eimeria spp. (recent field isolates resistant to various drugs), chickens, halofuginone, action cidal rather than static

Eimeria brunetti, illus.


Eimeria brunetti, sporulation of oocysts, development of zygote and formation of sporoblasts, light and electron microscopy

Eimeria brunetti

Greuel, E.; and Kuehnhold, W., 1977, Prakt. Tierarztl., v. 58 (5), 338-341

Eimeria spp., chickens (exper.), synergistic effect of metichlorpindol and methylbenzoquate, rotation program with other coccidiostats discussed

Eimeria brunetti


Eimeria spp., chicks (exper.) and cell cultures, activity of chlorobromofebrifugine

Eimeria brunetti

Kilgore, R. L.; et al., 1978, Poultry Science, v. 57 (4), 907-913

Eimeria spp., broiler chickens (exper.), arprinocid, effects on weight, feed efficiency, and histological lesions

Eimeria brunetti

Kilgore, R. L.; et al., 1979, Poultry Science, v. 58 (1), 67-71

Eimeria spp., chickens, floor-pen trials evaluating 4 methods of induced exposure to coccidiosis suitable for use in drug research operations, laboratory sporulated oocysts spread over litter most satisfactory method

Eimeria brunetti

Kucera, J.; and Lom, J., 1979, Veterinarstvi, v. 29 (8), 351-353

Eimeria spp., Heterakis gallinae, incidence at large scale poultry farms using cage breeding methods: Cechach

Eimeria brunetti

Kutzer, E.; et al., 1979, Wien. Tierarztl. Monatsschr., v. 66 (6-7), 197-202

Eimeria spp., broiler chickens, arprinocid, drug efficacy compared with monensin
Eimeria brunetti
Eimeria spp., chickens (exper.), rate of infection: Baghdad area, Iraq

Eimeria brunetti
Eimeria spp., chickens, incidence of clinical coccidiosis by month of year and age of host in the Ontario Veterinary Services Branch records 1973-1977, possible use of data to synchronize drug rotation with change in incidence

Eimeria brunetti
Long, P. L.; and Millard, B. J., 1979, Avian Path., v. 8 (4), 453-467
Eimeria spp., chickens, effect of 4 anti-coccidial drugs on development of immunity, field and laboratory conditions

Eimeria brunetti
Long, P. L.; and Rowell, J. G., 1975, Brit. Poultry Sc., v. 16 (6), 583-592
Eimeria spp., method of sampling surface litter of commercial broiler houses for laboratory estimation of numbers of coccidial oocysts

Eimeria brunetti
McDougald, L. R.; Karlsson, T.; and Reid, W. M., 1979, Avian Dis., v. 23 (4), 999-1005
coccidiosis, chickens (exper.), natural outbreak of infectious bursal disease (IBD) during comparison of anticoccidials for their effect on development of immunity, interaction between diseases, immunity to coccidiosis not blocked by IBD

Eimeria brunetti
Eimeria spp., effects of coccidiosis on digestive capacity (amylase) of broiler chickens, changes in pancreatic, luminal, and surface-bound amylolytic activity, reduction in amylolytic activity as pH went below 5.0

Eimeria brunetti
Major, J. R., jr.; and Ruff, M. D., 1978, J. Parasitol., v. 64 (4), 706-711
Eimeria spp.-infected chickens, reduced disaccharidase activity in region of intestine with maximum infection, this reduction is related to both time and severity of infection and can contribute to overall reduction in nutrient absorption

Eimeria brunetti
Maxey, B. W.; and Page, R. K., 1977, Poultry Science, v. 56 (6), 1909-1913
Eimeria brunetti, E. maxima, chickens, lincomycin feed medication for control of necrotic enteritis

Eimeria brunetti
Eimeria spp., chicks (exper.), salinomycin, monensin, lasalocid, efficacy in battery trials

Eimeria brunetti
Mladenovic, Z.; Movsesian, M.; and Borojevic, D., 1978, Vet. Glasnik, v. 32 (10), 829-834
Eimeria spp., chickens (exper.), mixed infections, cyostat, nitryl, and stenorol

Eimeria brunetti
Eimeria spp., chickens (exper.), efficacy of coccidiodiastats in feed, better production efficiency of medicated groups

Eimeria brunetti
Eimeria spp., chicks (exper.), no interference with overall intestinal absorption of 14C-glucose, results suggest probable compensatory absorption by sections of intestine unaffected by a specific coccidial infection

Eimeria brunetti
Olson, G.; et al., 1978, Poultry Science, v. 57 (5), 1245-1250
Eimeria spp. field isolates, chickens (exper.), arprinocid in comparison trials with marketed drugs, effective against all isolates tested including those refractory to many of the other products

Eimeria brunetti
Onaga, H.; et al., 1978, Nippon Zyuuisi-Kai Zassi (J. Japan Vet. Med. Ass.), v. 31 (10), 592-596
Eimeria spp., chickens and cell cultures, monensin

Eimeria brunetti
Eimeria tenella, E. acervulina, E. brunetti, polyvaccine tested, chicks maintained in battery cages or deep litter; simultaneous zoalene treatment efficacious in deep litter maintenance

Eimeria brunetti
Eimeria spp., chickens, anticoccidials, safe withdrawal times, effect on nutrient malabsorption

Eimeria brunetti
Ruff, M. D.; et al., 1978, Avian Dis., v. 22 (1), 32-41
Eimeria spp., broilers (exper.), arprinocid, drug efficacy in both battery and floor-pen trials

Eimeria brunetti
Ruff, M. D.; et al., 1979, Poultry Science, v. 58 (2), 298-303
Eimeria spp., battery raised broilers (exper.), narasin compared with monensin
Eimeria brunetti
Ruff, N. D.; Anderson, W. I.; and Reid, W. M., 1978, J. Parasitol., v. 64 (2), 506-511
Eimeria spp. in broilers, arprinocid decreased number of oocysts produced, fewer of the oocysts sporulated, and those oocysts which did sporulate were less infective than those from unmedicated birds

Eimeria brunetti
Ryley, J. F.; and Hardman, L., 1978, Parasitology, v. 76 (1), 11-20
Eimeria spp., chicks (exper.), effects of dietary vitamin K on severity of disease with particular attention to effects of vitamin K on response to anticoccidial drugs, concluded that use of vitamin K deficient diet for experimental work is quite justified

Eimeria brunetti
Ryley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-39
Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria brunetti
Schindler, P.; et al., 1979, Poultry Science, v. 58 (1), 23-27
Eimeria spp., broiler chicken pen trials, arprinocid in feed highly effective prophylaxis, comparison with halofuginone, monensin, nicarbazin, and pancoxin: England; France; Germany

Eimeria brunetti
Thanikachalam, M.; Sundararaj, A.; and Manchar, B. M., 1979, Poultry Adviser, v. 12 (7), 63-65
Eimeria brunetti, fowls, pathology of ileum and rectum: near Madras

Eimeria bukidnonesis
Eimeria spp., cattle, rate of infestation: Belgium

Eimeria bukidnonesis
Evplov, N. N.; and Nazarov, V. G., 1977, Veterinarstvi, Moskva (6), 65-66
Eimeria spp., calves, chemococcide effective; compared with biomyacin and norsulfazol: Belgorodsk oblast

Eimeria bukidnonesis
Eimeria spp., cattle on rearing and fattening farms, intensity and extensity of infection in relation to certain environmental conditions: DDR

Eimeria bukidnonesis
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria canadensis
Eimeria spp., cattle on rearing and fattening farms, intensity and extensity of infection in relation to certain environmental conditions: DDR

Eimeria canadensis
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria canadensis Bruce, 1921, illus.
Musaev, M. A.; and Mankafova, Sh. G., 1971, Parasitologiya, Leningrad, v. 5 (4), 310-315
Eimeria zurnabadensis, valid species, not a synonym of Eimeria canadensis

Eimeria canadensis
Gastrointestinal parasites, beef cows (feces), level of infection, effect of animal age and season of year: Mead, Nebraska

Eimeria canadensis
Zajicek, D.; et al., 1977, Veterinarstvi, v. 27 (11), 507-508
Eimeria spp., calves, prevalence in large-scale breeding

Eimeria carnei, illus.
Eimeria carnei, sporulation time, measurements
Kamel (Kot): Zoologischen Garten Berlin

Eimeria carassiusaurati n. sp., illus.
Canis lupus (feces): Alma-Ata zoo park

Eimeria carassiusaurati n. sp., pathology
Eimeria carassiusaurati n. sp., pathology
Carassius auratus (intestino): Granada, Espana

Eimeria carpelli
Tesarcik, J., 1971, Prace VÚRH Vodnany (9), 99-132
Neoechinorhynchus rutilis, Eimeria spp., carp, tetrafenol, nitrofurazon, prophylaxis and therapy under aquarium conditions

Eimeria christensi Levine, Ivens & Fritz, illus.
McDougald, L. R., 1979, J. Protozool., v. 26 (1), 109-113
Eimeria christensi oocysts from goat, failure to infect sheep; E. nikaholyakimovae-like oocysts from sheep, failure to infect goats, E. nikaholyakimovae-like coccidia of the 2 hosts belong to separate species, E. ovuloidalis sp. n. proposed for species from sheep, E. nikaholyakimovae retained for species from goats
Eimeria citelli
Citellus citellus (Jejunum, Rectum): Neusiedlerseegebiet, nördlichen Burgenland

Eimeria cleftrenomyis sp. n., illus.
Straneva, J. E.; and Kelley, G. L., 1979, J. Protozool., v. 26 (4), 530-532
Cleftrenomyis gapperi (feces): Brush Valley, Indiana County, Pennsylvania

Eimeria coecicola Cheissin, 1947, illus.
Catchpole, J.; and Norton, C. C., 1979, Parasitology, v. 79 (2), 249-257
Eimeria spp. in rabbits from 3 commercial rabbitries, species identification, level of infection, % occurrence and % predominant of different spp.: South East England

Eimeria colchici
Eimeria phasianii and E. colchici in Phasianus colchicus, dynamics of incidence dependent upon host biotope, host movements, season, temperature, and humidity: Mittelbohmen

Eimeria colchici
Eimeria colchici causing coccidiosis in intensively raised pheasants, controlled by sulphamethoxine and diaveridine (Saquadil) in drinking water
Pavo cristatus: Essex, Great Britain

Eimeria columbarum
domestic and semi-feral pigeons, survey of intestinal parasites, presence of anti-Toxoplasma antibodies in serum, possible role in epidemiology of toxoplasmosis: Belgium

Eimeria cunevi
Dawronov, O., 1973, Parasitologija, Leningrad, v. 7 (1), 79-86
Rhombomys opimus: Uzbek SSR

Eimeria crandallis
prevalence, prepatent period
sheep (feces): Wisconsin

Eimeria crandallis
Eimeria spp., sheep and goats, occurrence, seasonality, host age: Kashkadar'sinsk oblast

Eimeria crandallis
Eimeria spp., confinement-reared lambs (exper.) from weaning to market weight, monensin and lasalocid highly effective in eliminating oocysts, weight gains and feed conversion rates measured

Eimeria crandallis (Honess, 1942), illus.
Syn.: Eimeria punctata (Landers, 1955)
[Ovis aries] (feces): Belorussia

Eimeria crandallis
Ovis mison: Bulgaria

Eimeria crandallis
Eimeria spp., lambs, development of naturally acquired infection: Otago, New Zealand

Eimeria crandallis
Samizadeh-Yazd, A.; et al., 1979, Am. J. Vet. Research, v. 40 (8), 1107-1109
Eimeria spp., lambs, efficacy of monensin and aureomycin separately and combined

Eimeria crandallis Honess 1942
Ovis moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin

Eimeria crandallis
Eimeria spp., sheep, incidence, distribution, review of clinical aspects, pathology, epizootiology: Spain

Eimeria criceti
Cricketus cricetis (Rectum): Neusiedlerseegebiet, nördlichen Burgenland

Eimeria cylindrica
coccidia and helminths of calves, comparison of stall-enclosure and pasture maintenance, economics

Eimeria cylindrica
Eimeria spp., cattle, rate of infestation: Belgium

Eimeria cylindrica
Evplov, N. N.; and Nazarov, V. G., 1977, Veterinar'ia, Moskva (6), 65-66
Eimeria spp., calves, chemococcide effective; compared with biomycin and norsulfazoil: Belgorodsk oblast

Eimeria cylindrica
Ovis moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin

Eimeria cylindrica
Issled. Vet. Inst., v. 8, 118-120

Eimeria cylindrica

Eimeria cylindrica

coccidia and helminths of calves, comparison of stall-enclosure and pasture maintenance, economics

Eimeria cylindrica
Eimeria spp., cattle, rate of infestation: Belgium

Eimeria cylindrica
Evplov, N. N.; and Nazarov, V. G., 1977, Veterinar'ia, Moskva (6), 65-66
Eimeria spp., calves, chemococcide effective; compared with biomycin and norsulfazoil: Belgorodsk oblast

Eimeria cylindrica
Ovis moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin

Eimeria cylindrica

Eimeria cylindrica

coccidia and helminths of calves, comparison of stall-enclosure and pasture maintenance, economics

Eimeria cylindrica
Eimeria spp., cattle, rate of infestation: Belgium

Eimeria cylindrica
Evplov, N. N.; and Nazarov, V. G., 1977, Veterinar'ia, Moskva (6), 65-66
Eimeria spp., calves, chemococcide effective; compared with biomycin and norsulfazoil: Belgorodsk oblast

Eimeria cylindrica
Ovis moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin

Eimeria cylindrica
Eimeria cylindrica
Eimeria spp., cattle on rearing and fattening farms, intensity and extensity of infection in relation to certain environmental conditions: DDR

Eimeria cylindrica
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria cylindrica
gastrointestinal parasites, beef cows (feces), level of infection, effect of animal age and season of year: Mead, Nebraska

Eimeria debliecki group
Desser, S. S., 1978, J. Parasitol., v. 64 (5), 933-935
evidence of extraintestinal development pig (liver)

Eimeria debliecki
Eimeria spp., nematodes, pigs, soft runs as source of contamination, weather and climatic conditions

Eimeria debliecki
mixed coccidial infection, pig, first infection did not confer any immunity, pig became resistant to challenge after second infection

Eimeria debliecki, illus.
coccidia, pigs (exper.), mixed infection with 4 spp., macro- and microgametocytic stages, mostly not identified to species

Eimeria debliecki
4 spp. of coccidia, pigs (exper.), only slightly pathogenic, no gross observable lesions

Eimeria deserticola sp. n., illus.
Davronov, O., 1973, Parazitologita, Leningrad, v. 7 (1), 79-86
Citellus fulvus: Karshinsk and Ul'ianovsk regions, Uzbek SSR

Eimeria diminuta
Shirley, M. W., 1979, Parasitology, v. 78 (2), 221-237
Eimeria mivati, enzyme electrophoresis, cross-immunity, and other studies suggest that confusion over taxonomic status arose because some cultures were contaminated with E. acervulina; possibility exists that E. mivati and E. mitis are same species; E. diminuta or E. acervulina var. diminuta "should...be referred to as E. mivati (diminuta)."

Eimeria dingleyi sp. n., illus.
cytology
Blennius pholis (epithelium of intestine): Aberystwyth and Portch Cwyfan, Wales, U. K.

Eimeria dispersa Tyzzer 1929
Doran, D. J., 1978, J. Parasitol., v. 64 (5), 882-885
Eimeria dispersa, turkey strain, life cycle compared in chickens, Alectoris graeca, Phasianus colchicus, and Colinus virginianus (all exper.)

Eimeria dispersa Tyzzer, 1929, illus.
Eimeria dispersa, life cycle in turkeys

Eimeria dispersa
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1483-1489
Eimeria spp., turkey, halofuginone effective control measures: DDR

Eimeria dispersa Tyzzer, 1929, illus.
Eimeria dispersa, development in bovine kidney cell cultures

Eimeria dispersa Tyzzer 1929, illus.
Long, P. L.; and Millard, B. J., 1979, Parasitology, v. 78 (1), 41-51
Eimeria dispersa, isolation from turkeys in Britain, life cycle and reproduction, cross-protection against American strain, electrophoretic analysis of enzymes, host specificity studies, in vitro growth studies, gross pathology, pathogenicity, immunogenicity

Eimeria dispersa, illus.
Eimeria dispersa, turkey (exper.), presence of spine-like structures attached to outside of parasitophorous vacuole of second generation schizonts within host intestinal epithelial cells

Eimeria dispersa, illus.
Madden, P. A.; and Ruff, M. D., 1979, J. Parasitol., v. 65 (2), 234-242
Eimeria spp. in turkeys, effects on structural integrity of intestinal and cecal mucosa, scanning electron microscopy, comparison of damage with parasite distribution as seen by light microscopy
Eimeria dispersa
Eimeria spp., turkey poults (exper.), single and mixed infections, lasalocid sodium, controlled battery trials

Eimeria dispersa
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Eimeria dunsingi Farr, 1960, illus.
description
Syn.: Eimeria sp. n. Brada, 1966
Melopsittacus undulatus (feces, small intestine)

Eimeria duodenalis
Pavo cristatus: Essex, Great Britain

E[imeria] ellipsoidalis
coccidia and helminths of calves, comparison of stall-enclosure and pasture maintenance, economics

Eimeria ellipsoidalis
Cottelee, C.; and Fameree, L., 1978, Schweiz. Arch. Tierhr., v. 120 (3), 149-156
Eimeria spp., cattle, rate of infestation: Belgium

Eimeria ellipsoidalis
Evplov, N. N.; and Nazarov, V. G., 1977, Veterinarstvi, v. 28 (2), 64-67
Eimeria spp., calves, chemococcide effective; compared with biomycin and norsulfazol: Belgorodsk oblast

Eimeria ellipsoidalis
Fitzgerald, P. R.; and Mansfield, M. E., 1979, J. Parasitol., v. 65 (3), 904-910
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria ellipsoidalis
Lepus europaeus: Bulgaria

Eimeria ellipsoidalis
Gottschalk, C., 1975, Ang. Parasitol., v. 14 (1), 44-54
endo-parasites of Lepus europaeus, seasonal dynamics, distribution according to locality, sex and age of host, economic importance of parasitism for regional hunting: Oostburingen, DDR

Eimeria europaeae, illus.
Golemski, V. G., 1976, Priroda, Sofiia, v. 25 (2), 64-67
Lepus europaeus: Bulgaria

Eimeria exigu a
Pav, J., 1978, Veterinarstvi, v. 28 (2), 84-86
coccidia, cestodes, prevalence in hares: Czechoslovakia

Eimeria falciformis
Rattus norvegicus: Neusiedlerseegebiet, nördlichen Burgenland

Eimeria falciformis var. pragensis, illus.
Mesfin, G. M.; and Bellamy, J. E. C., 1978, J. Parasitol., v. 64 (4), 696-705
Eimeria falciformis var. pragensis in Mus musculus (exper.), prepatent and patent periods, description of oocysts, location in host, merogony, first- to fourth-generation schizonts, microgametogony, macrogametogony; development in Rattus norvegicus progressed only as far as mature 1st-generation schizonts; comparison with other murine Eimeria

Eimeria falciformis var pragensis, illus.
Mesfin, G. M.; and Bellamy, J. E. C., 1978, J. Parasitol., v. 65 (3), 469-471
Eimeria falciformis var pragensis, migration of sporozoites from absorptive to crypt epithelium of mouse colon
Eimeria falciformis var. pragensis
Mesfin, G. M.; and Bellamy, J. E. C., 1979, Infect. and Immun., v. 23 (1), 108-114
Eimeria falciformis var. pragensis, mice, (i) effects of immune response on life cycle, (ii) relative immunizing ability of different doses of oocysts, (iii) duration of acquired resistance; possibility that cell-mediated immune mechanism is responsible for arrest in schizogony

Eimeria falciformis var. pragensis, illus.
Mesfin, G. M.; and Bellamy, J. E. C., 1979, Infect. and Immun., v. 23 (2), 460-464
Eimeria falciformis var. pragensis, mice, thymic dependence of immunity

Eimeria falciformis var. pragensis, illus.
Eimeria falciformis var. pragensis, mice (exper.), clinical signs and pathological changes, effects of varying infective dose

Eimeria faurei
prevalence, prepatent period sheep (feces): Wisconsin

Eimeria faurei
Eimeria spp., sheep and goats, occurrence, seasonality, host age: Kashkadar'insk oblast

Eimeria faurei
Eimeria spp., lambs (nat. and exper.), effect of monensin on oocyst discharge, feed consumption, fecal output, and weight gain (by sex of host): Illinois

Eimeria faurei (Moussi et Marotell, 1901), illus.
synonymy
[Ovis aries] (feces): Belorussia

Eimeria faurei, illus.
Ovis musimon: Bulgaria

Eimeria faurei
Krishnamurthy, R.; and Kshirsagar, H. S., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 153-156
Eimeria spp., goats (feces), prevalence and seasonal incidence: slaughter house at Parbhani, Maharashtra state

Eimeria faurei Moussi, Marotell, 1905, illus.
Ammotragus lervia
Capra ibex sibirica
Ovis canadensis sibirica
(feces of all): all from Alma-Ata zoo park

Eimeria faurei
Samizadeh-Yazd, A.; et al., 1979, Am. J. Vet. Research, v. 40 (8), 1107-1109
Eimeria spp., lambs, efficacy of monensin and aureomycin separately and combined

Eimeria faurei
Eimeria spp., sheep, natural infection, amphibium, furoxone, not sufficient control for sheep grazing on pasture

Eimeria faurei
Ovibos moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin

Eimeria faurei
Eimeria spp., sheep, incidence, distribution, review of clinical aspects, pathology, epizootiology: Spain

Eimeria felina
Eimeridae, incidence in cats: Belgique

Eimeria fersi Levine and Ivens, 1956, illus.
Blagburn, B. L.; Chobotar, B.; and Smith, R. T., 1979, Ztschr. Parasitenk., v. 297 (1), 1-14
Eimeria fersi in Mus musculus, clinical and histologic study of actively induced resistance

Eimeria fersi
Eimeria fersi, cell-mediated immunity stimulated in mice by prophylactic treatment with bovine transfer factor (TFd) prepared from lymph node lymphocytes of cattle immune to E. bovis, lymphocyte stimulation protection against clinical infection, susceptible mice given lymphocytes from donor mice treated with bovine TFd were also partly protected against clinical infection

Eimeria fersi
Klesiu, P. H.; et al., 1979, Clin. Immunol. and Immunopathol., v. 12 (2), 143-149
Eimeria fersi, C57BL/6 mice, effects of immunization and treatment with transfer factor, results suggest this host strain has genetically determined defect in cell-mediated immune response to this infection

Eimeria fersi
Klesiu, P. H.; and Hind, S. E., 1979, Infect. and Immun., v. 26 (3), 1111-1115
Eimeria fersi, comparison of susceptibility in various inbred and F1 hybrid mouse strains and in nu/nu and nu/+ BALB/c mice, effect of treatment with rabbit anti-mouse thymocyte serum

Eimeria filamentifera sp. n., illus.
Wacha, R. S.; and Christiansen, J. L., 1979, J. Protozool., v. 26 (3), 353-354
Chelydra serpentina (intestinal contents): Shimek State Forest, Lee Co., Iowa
Eimeria flavescens Marotel & Guilhon, 1941, illus.
Catchpole, J.; and Norton, C. C., 1979, Parasitology, v. 79 (2), 249-257
Eimeria spp. in rabbits from 3 commercial rabbitries, species identification, level of infection, % occurrence and % predominance of different spp.: South East England

Eimeria irresidua, E. flavescens, redescription, sporulation time, schizogony and gametogony, pathogenicity and oocyst production, immunogenicity, geographic distribution, prevalence; "the name E. hakei should be suppressed in favour of E. flavescens" Oryctolagus cuniculus (caecum, colon, ileum) (exper.)

Eimeria gallatii sp. n.
Stranava, J. E.; and Kelley, G. L., 1979, J. Protozool., v. 26 (4), 530-532
Clethrionomys gapperi (feces): Brush Valley, Indiana County, Pennsylvania

Eimeria gallopavonis
Edgar, S. A.; and Elkan, C., 1979, Poultry Science, v. 58 (6), 1483-1489
Eimeria spp., turkeys, halofuginone effective against Eimeria spp., turkey poults, anticoccidial tests, efficacy of using monensin to protect and develop immunity while prolonging storage in liquid nitrogen, some protection for over 10 years

Eimeria gallopavonis
McDougald, L. R., 1979, Poultry Science, v. 58 (1), 76-80
coccidiosis, histomoniasis, turkeys, tests for efficacy and compatibility indicate that amprolium and carbarsone can be used in combination

Eimeria gallopavonis
McDougald, L. R.; and Johnson, J. K., 1979, Poultry Science, v. 58 (1), 72-75
Eimeria spp., turkeys, efficacy of apramycin compared with amprolium, floor pen studies

Eimeria gallopavonis
McDougald, L. R.; and McQuistion, T. E., 1978, Avian Dis., v. 22 (4), 765-770
Eimeria spp., turkeys, coccidiosis management, innate (age) resistance and acquired immunity vs. anticoccidial medication

Eimeria gallopavonis
Eimeria spp., turkey poult's (exper.), single and mixed infections, lasalocid sodium, controlled battery trials

Eimeria gallopavonis
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, species successfully recovered after preservation for over 10 years

Eimeria gallopavonis
Reid, W. M.; Anderson, W. I.; and McDougald, L. R., 1978, Avian Path., v. 7 (4), 569-576
Eimeria spp., turkey poult's, anticoccidial protection and development of immunity while using monensin

Eimeria gasterostei (Thelohan)
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (liver): near Vancouver, British Columbia

Eimeria gaviae n. sp., illus.
Eimeria gaviae n. sp. in Gavia immer (kidney), pathology

Eimeria granulosa
prevalence sheep (feces): Wisconsin

Eimeria granulosa (Christensen, 1938)
[Ovis aries] (feces): Belorussia

Eimeria granulosa
Krishnamurthy, R.; and Kshirsagar, H. S., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 153-156
Eimeria spp., goats (feces), prevalence and seasonal incidence: slaughter house at Parbhani, Maharashtra state

Eimeria granulosa
Samizadeh-Yazd, A.; et al., 1979, Am. J. Vet. Research, v. 40 (8), 1107-1109
Eimeria spp., lambs, efficacy of monensin and aureomycin separately and combined

Eimeria granulosa
Eimeria spp., sheep, incidence, distribution, review of clinical aspects, pathology, epizootiology: Spain

Eimeria grenieri, illus.
Eimeria grenieri in Numida meleagris (intestine, caeca) (nat. and exper.), life cycle, reproduction rate, pathogenicity (severe depression of body weight gain), immunity to reinfection, treatment with sulphaquinoxaline in drinking water and robenidine in food: Britain

Eimeria grenieri
Long, P. L.; and Millard, B. J., 1979, Parasitology, v. 78 (2), 239-244
Eimeria maxima, rejection by 'foreign' host (Numida meleagris); E. tenella, E. grenieri, survival of sporozoites in peritoneal macrophages from 'foreign' vs. normal hosts in vitro

Eimeria gundii n. sp., illus.
Ctenodactylus gundi (intestinal mucosa): southern region of Tunisia

Eimeria hagani
Kucera, J.; and Lom, J., 1978, Veterinarstvi, v. 29 (8), 351-353
Eimeria spp., Heterakis gallinacea, incidence at large scale poultry farms using cage breeding methods: Cechach
Eimeria hagani
Latif, B. M. A.; Ali, S. R.; and Versenyi, L.,
Eimeria spp., chickens (feces), rate of infection: Baghdad area, Iraq

Eimeria hakei
Norton, C. C.; Catchpole, J.; and Joyner, L. P., 1979, Parasitology, v. 79 (2), 231-248
"the name E. hakei should be suppressed in favour of E. flavescens"

Eimeria holmesi sp. n., illus.
Samoil, H. P.; and Samuel, W. M., 1977, Canad. J. Zool., v. 55 (10), 1671-1683
key
Lepus americanus (feces): near Rochester, north-central Alberta

Eimeria honessi
Wiggins, J. P.; and Rothenbacher, H., 1979,
J. Parasit., v. 65 (3), 393-394
Sylvilagus floridanus (feces): central Pennsylvania

Eimeria hungarica, illus.
Golemskii, V. G., 1976, Priroda, Sofia, v. 25 (2), 64-67
Lepus europaeus: Bulgaria

Eimeria hungarica
endo-parasites of Lepus europaeus, seasonal dynamics, distribution according to locality, sex and age of host, economic importance of parasitism for regional hunting: Ostthuringen, DDR

Eimeria hypophthalmichthys Dogiel et Achmerov
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Eimeria illinoensis
Hiepe, T.; Romeyke, D.; and Jungmann, R., 1978,
Monatsh. Vet.-Med., v. 33 (23), 904-910
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria indentata
Eimeria indentata, E. maxima, characterization of DNA in oocysts by weight and buoyant density, "E. indentata from the Malayan jungle fowl is not a species distinct from E. maxima," suggests use of technique for making species distinctions between morphologically similar, closely related species of Coccidia

Eimeria intestinalis Cheissin, 1948
Catchpole, J.; and Norton, C. C., 1979, Parasitology, v. 79 (2), 249-257
Eimeria spp., in rabbits from 3 commercial rabbitries, species identification, level of infection, % occurrence and % predominance of different spp.: South East England

Eimeria intestinalis
Eimeria pellerdyi n. sp., E. intestinalis, pure isolates distinguished in coccidia-free rabbits on basis of duration of life cycle, site of development, and strict specificity of acquired immunity; pathogenicity
Oryctolagus cuniculus (ileon) (exper.)

Eimeria intestinalis
E[imeria] pellerdyi, E[imeria] intestinalis, young rabbits, hematological changes

Eimeria intestinalis
Eimeria spp., rabbits, cyclical variations in excretion of fecal oocysts, seasonal effects, effect of pregnancy, parturition, and lactation, removal of mother from litter, infection of litters, relationship between maternal coccidial levels and those in the young, performance

Eimeria intestinalis (Cheissin, 1948)
Licois, D.; Coudert, P.; and Mongin, P., 1978,
Ann. Recherches Vet., v. 9 (1), 1-10
Eimeria intestinalis, E. pellerdyi, rabbits (exper.), changes in water metabolism in diarrhoeic hosts

Eimeria intestinalis
Eimeria stiedae, E. intestinalis, standard rabbit diet heavily contaminated with oocysts, sterilization by suxamethonium and irradiation was satisfactory for elimination of oocysts from diet but pelleting even at 68° was unsatisfactory

Eimeria intestinalis
Peeters, J. E.; Halen, P.; and Meulemans, G., 1979,
Eimeria spp., rabbits (nat. and exper.), efficacy of robenidine

Eimeria intestinalis
Ryley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-39
Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria intricata
prevalence, prepatent period sheep (feces): Wisconsin

Eimeria intricata Spiegil, 1926, illus.
Bhatia, B. B.; et al., 1978, Indian J. Animal Sc., v. 48 (9), 688-691
Eimeria intricata, sheep (exper.), sporogony

Eimeria intricata
Eimeria spp., sheep and goats, occurrence, seasonality, host age: Kashkad'insk oblast

Eimeria intricata
Fitzgerald, P. R.; and Mansfield, M. E., 1978,
Am. J. Vet. Research, v. 39 (1), 7-10
Eimeria spp., lambs (nat. and exper.), effect of monensin on oocyst discharge, feed consumption, fecal output, and weight gain (by sex of host): Illinois
Eimeria intricata (Spiegel, 1925), illus.  
Gobzem, V. R., 1971, Nauch. Trudy, Nauchno- 
Issled. Vet. Inst., v. 9, 124-130  
[Ovis aries] (feces): Belorussia

Eimeria intricata, illus.  
Golemanski, V. G., 1977, Priroda, Sofia, v. 26  
(1), 71-74  
Ovis musimon: Bulgaria

Eimeria intricata  
Krishnamurthy, R.; and Kshirsagar, H. S.,  
1976, Marathwada Univ. J. Sc. (Nat. Sc.),  
v. 15 (8), 153-156  
Eimeria spp., goats (feces), prevalence  
and seasonal incidence: slaughter house  
at Parbhani, Maharashtra state

Eimeria intricata  
McDougald, L. R.; and Dunn, W. J., 1978, Am.  
J. Vet. Research, v. 39 (9), 1459-1462  
Eimeria spp., lambs (exper.), efficacy of  
monensin in feed

Eimeria intricata  
Research, v. 40 (8), 1107-1109  
Eimeria spp., lambs, efficacy of monensin  
and aureomycin separately and combined

Eimeria intricata  
Santiago, M. A. M.; da Costa, U. C.; and da  
Silva, O. L., 1977, Rev. Centro Cien. Rurais,  
v. 7 (3), 297-301  
Eimeria spp., sheep, natural infection, am- 
prolum, furazole, not sufficient control  
for sheep grazing on pasture

Eimeria intricata  
(2), 151-160  
Ovisibos moschatus, management in zoological  
park, includes information on parasites  
and their treatment: Tierpark Berlin

Eimeria intricata  
Tarazona, J. M.; and Fernandez, J. M., 1974,  
Animal (1), 55-62  
Eimeria spp., sheep, incidence, distribution,  
review of clinical aspects, pathology,  
epizootiology: Spain

Eimeria irresidua Kessel & Jankiewicz, 1931,  
illus.  
Catchpole, J.; and Norton, C. C., 1979, Para-  
sitology, v. 79 (2), 249-257  
Eimeria spp. in rabbits from 3 commercial  
rabbitries, species identification, level  
of infection, % occurrence and % predomi- 
nance of different spp.: South East England

Eimeria irresidua  
Vyroby, Vet., v. 14 (v. 20) (2), 151-169  
Eimeria spp., rabbits (nat. and exper.),  
sulphadione, controlled test, subacute  
toxicity, no negative effect on followed  
indicators

Eimeria irresidua  
(4), 371-380  
Eimeria spp., rabbits, cyclical variations  
in excretion of fecal oocysts, seasonal  
effects, effect of pregnancy, parturition,  
and lactation, removal of mother from litter,  
infection of litter, relationship between  
maternal coccidial levels and those in the  
young, performance

Eimeria irresidua, illus.  
Norton, C. C.; Catchpole, J.; and Joyner,  
L. P., 1979, Parasitology, v. 79 (2), 231-248

Eimeria irresidua, E. flavescens, redescrip- 
tion, sporulation, time, schizogony and  
gametogony, pathogenicity and oocyst produc- 
tion, immunogenicity, geographic distribu- 
tion, prevalence

Oryctolagus cuniculus (jejunum and ileum)  
(exper.)

Eimeria irresidua  
Pav, J., 1978, Veterinarstvi, v. 28 (2), 84-86  
coccidia, cestodes, prevalence in hares:  
Czechoslovakia

Eimeria jersenica sp. n., illus.  
Davrovov, O., 1973, Parazitologiia, Leningrad,  
v. 7 (1), 79-86  
Meriones erythrosurus: Chustsk, Zadar'insk,  
Tiurakurgansk, and Karshinsk regions, Uzbek  
SSR

Eimeria karschinica sp. n., illus.  
Davrovov, O., 1973, Parazitologiia, Leningrad,  
v. 7 (1), 79-86  
Meriones meridianus: Guzarsk and Ul'ianovsk  
regions, Uzbek SSR

Eimeria keithi sp. n., illus.  
Samol, H. P.; and Samuel, W. M., 1977, Canad.  
J. Zool., v. 55 (10), 1671-1683  
key  
Lepus americanus (feces): near Rochester,  
north-central Alberta

Eimeria kofoidi  
Zaprianov, M. Ia., 1978, Vet. Med. Nauki,  
v. 15 (4), 103-107  
Eimeria kofoidi in Alectoris graeca cypri- 
atis (nat. and exper.), amprolium, DOT- 
soluble, and Esb; tested

Eimeria kostencovii sp. n., illus.  
Davrovov, O., 1973, Parazitologiia, Leningrad,  
v. 7 (1), 79-86  
Meriones meridianus: Karshinsk region,  
Uzbek SSR

Eimeria kotlani Graefner et Graubmann, 1964,  
illus.  
Shibalova, T. A.; and Antukhaev, I. K., 1979,  
Tsitoligia, v. 21 (3), 300-303  
Eimeria kotlani-infected loose intestinal  
epithelial cells, ultrastructure

Eimeria labbeana  
Arch. Tierh., v. 120 (4), 181-187  
domestic and semi-feral pigeons, survey of  
intestinal parasites, presence of anti-  
Toxoplasma antibodies in serum, possible  
role in epidemiology of toxoplasmosis:  
Belgium

Eimeria larimerensis  
Boda, R. J.; and Schmidt, G. D., 1978, J.  
Helminth., v. 52 (4), 323-326  
Spermophilus spilosoma: Colorado

Eimeria leachi  
Timchenko, A. D., 1972, Parazitologiia, Lenin- 
grad, v. 6 (4), 380-381  
Eimeria spp., survival of non-sporulated and  
sporulated oocysts on soil surface and at  
various depths under conditions prevailing  
in southern Ukraine during winter to spring  
period, implications for prophylaxis and con- 
trol of coccidiosis
Eimeria leporis, illus.
Golemanski, V. G., 1976, Priroda, Sofia, v. 25 (2), 64-67
Lepus europaeus: Bulgaria

Eimeria leporis
Endo-parasites of Lepus europaeus, seasonal dynamics, distribution according to locality, sex and age of host, economic importance of parasitism for regional hunting: Ostthuringen, DDR

Eimeria leporis Nieschulz 1923, illus.
Eimeria leporis, life cycle in Lepus capensis (exp.), electron microscopy

Eimeria leporis
Pav, J., 1978, Veterinarstvi, v. 28 (2), 84-86
coccidia, cestodes, prevalence in hares: Czechoslovakia

Eimeria leporis Nieschulz 1923, illus.
Redescription, key
Lepus graminensis (fecal material from parts of intestine having macroscopic lesions): Granada, Spain

Eimeria leporis Nieschulz 1923, illus.
Samol, H. P.; and Samuel, W. M., 1977, Canad. J. Zool., v. 55 (10), 1671-1683
Redescription, key
Lepus americanus (feces): near Rochester, north-central Alberta

Eimeria leuckarti, illus.
Eimeria leuckarti, horses, 5 necropsy reports, possible pathogenic role: Minnesota

Eimeria leuckarti
Chineme, C. N.; Tulpule, S. S.; and Jamdar, M. N., 1979, Vet. Rec., v. 105 (6), 126
Eimeria leuckarti, donkeys (jejunum, ileum), enteritis: Nigeria

Eimeria leuckarti, illus.
Morphology, biology: Yugoslavia

Eimeria leucuri sp. n., illus.
Stabler, R. M.; et al., 1979, J. Parasitol., v. 65 (2), 272-274
Lagopus leucurus (feces): Alpine meadows of Colorado Rockies

Eimeria mccordcki
Woolf, A.; and Harder, J. D., 1979, Wildlife Monogr. (67), 53 pp.
Odocoileus virginianus: Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania

Eimeria madisonensis
Woolf, A.; and Harder, J. D., 1979, Wildlife Monogr. (67), 53 pp.
Odocoileus virginianus: Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania

Eimeria magna Perard, 1925, illus.
Catchpole, J.; and Norton, C. C., 1979, Parasitology, v. 79 (2), 249-257
Eimeria spp. in rabbits from 3 commercial rabbitries, species identification, level of infection, % occurrence and % predominance of different spp.: South East England

Eimeria magna
Eimeria spp., rabbits (nat. and exper.), sulphaconium, controlled test, subacute toxicity, no negative effect on followed indicators

Eimeria magna
Eimeria spp., rabbits, cyclical variations in excretion of fecal oocysts, seasonal effects, effect of pregnancy, parturition, and lactation, removal of mother from litter, infection of litters, relationship between maternal coccidial levels and those in the young, performance

Eimeria magna
Pav, J., 1978, Veterinarstvi, v. 28 (2), 84-86
coccidia, cestodes, prevalence in hares: Czechoslovakia

Eimeria magna
Eimeria spp., rabbits (nat. and exper.), efficacy of robenidine

Eimeria magna
Ryley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-39
Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria magna, illus.
Speer, C. A., 1979, J. Parasitol., v. 65 (4), 591-598
Eimeria magna, development of gamonts and oocysts in cell cultures inoculated with merozoites, extent of sporulation and infectiousness of oocysts developing in such cultures

Eimeria maior
Wiggins, J. P.; and Rothenbacher, H., 1979, J. Parasitol., v. 65 (3), 393-394
Sylvilagus floridanus (feces): central Pennsylvania

Eimeria malabaricas sp. n., illus.
Chowattukunnel, J. T., 1979, J. Protozool., v. 26 (1), 36-38
Funambulus tristriatus (feces): Kottayam district, Kerala State, India

Eimeria marconii sp. n., illus.
Straneva, J. E.; and Kelley, G. L., 1979, J. Protozool., v. 26 (4), 530-532
Clethrionomys gapperi (feces): Brush Valley, Indiana County, Pennsylvania
Eimeria maxima
Bednrik, P., 1977, Veterinarstvi, v. 27 (10), 458-459
coccidiosis, chickens, current prevalence, amprol plus treatment

Eimeria maxima
Bednrik, P., et al., 1979, Arch. Geflugelkd., v. 43 (1), 7-10
Eimeria spp., chickens (exper.), comparative efficiency of anticoccidials in combination with growth promotant nitrovin

Eimeria maxima
Chapman, H. D., 1978, Avian Path., v. 7 (2), 269-277
Eimeria maxima, E. brunetti, E. tenella, chickens, effect of monensin on development of immunity acquired by repeated low-level infections

Eimeria maxima
Eimeria spp., excystation, roles of various enzymes

Eimeria maxima
Chapman, H. D., 1979, Avian Path., v. 8 (2), 181-186
Eimeria maxima in chickens (exper.), sensitivity to monensin of field isolates from monensin-exposed vs. unexposed sites, low level resistance may have developed as a result of previous drug exposure

Eimeria maxima
Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (2), 304-307
Eimeria spp., broilers (exper.), salinomycin, monensin, lasalocid, drug tolerance and anticoccidial efficacy compared in 5 field trials, commercial facilities

Eimeria maxima
Cruthers, L. R.; et al., 1978, Poultry Science, v. 57 (5), 1227-1233
Eimeria spp., broiler chicks (exper.), lonomycin in feed, high degree of anticoccidial activity, comparison with lasalocid and monensin

Eimeria maxima
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1469-1475
Eimeria spp. (recent field isolates resistant to various drugs), chickens, halofuginone, action cidal rather than static

Eimeria maxima
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1476-1482
Eimeria spp. (recent field isolates resistant to various drugs), halofuginone with roxarsone and/or bacitracin MD

Eimeria maxima
Eimeria spp., chickens (exper.), synergistic effect of metichlorpindol and methylbenzoquate, rotation program with other coccidiostats discussed

Eimeria maxima
Ishii, T.; and Onaga, H., 1978, Nippon Zyusishiki, v. 29 (8), 531-533
Eimeria spp., broiler chickens (exper.), arprinocid, effects on weight, feed efficiency, and histological lesions

Eimeria maxima
Eimeria maxima, activity of methyl benzoquate and clopidol, synergy shown to be supra-additive, collateral sensitivity could not be demonstrated in resistant lines, effect of marbofuran against standard and drug-resistant lines, resistance transfer experiments with clopidol- and methyl benzoquete-resistant lines, preparation of bi-resistant lines, attempts to develop marbofuran-resistant strain

Eimeria maxima
Kellogg, F. E.; Doster, G. L.; and Johnson, J. K., 1971, J. Wildlife Dis., v. 7 (3), 186-187
Indian red junglefowl, pen-raised (small intestine)

Eimeria maxima
Kilgore, R. L.; et al., 1978, Poultry Science, v. 57 (4), 907-911
Eimeria spp., broiler chickens (exper.), drug efficacy compared with monensin

Eimeria maxima
Kilgore, R. L.; et al., 1979, Poultry Science, v. 58 (1), 67-71
Eimeria spp., chickens, floor-pen trials evaluating 4 methods of induced exposure to coccidiosis suitable for use in drug research operations, laboratory sporulated oocysts spread over litter most satisfactory method

Eimeria maxima
Kucera, J.; and Lom, J., 1979, Veterinarstvi, v. 29 (8), 351-353
Eimeria spp., Heterakis gallinae, incidence at large scale poultry farms using cage breeding methods: Cechach

Eimeria maxima
Kutzer, E.; et al., 1979, Wien. Tierarztl. Monatsschr., v. 66 (6-7), 197-202
Eimeria spp., broiler chickens, arprinocid, drug efficacy compared with monensin

Eimeria maxima
Eimeria spp., chickens (feces), rate of infection: Baghdad area, Iraq

Eimeria maxima
Eimeria indentata, E. maxima, characterization of DNA in oocysts by weight and buoyant density, "E. indentata from the Malayan jungle fowl is not a species distinct from E. maxima," suggests use of technique for making species distinctions between morphologically similar, closely related species of Coccidia
Eimeria maxima
Eimeria maxima, chickens, single sporocyst infections give rise to infective oocysts and confer partial protective immunity, results suggest that sporozoites of this species are probably sexually undifferentiated

Eimeria maxima
Eimeria spp., chickens, incidence of clinical coccidiosis by month of year and age of host in the Ontario Veterinary Services Branch records 1973-1977, possible use of data to synchronize drug rotation with change in incidence

Eimeria maxima
Long, P. L.; and Millard, B. J., 1978, Avian Path., v. 7 (3), 373-381
coccidiosis, broiler chickens, effect on oocyst output of various treatment regimens

Eimeria maxima
Long, P. L.; and Millard, B. J., 1979, Parasitology, v. 78 (2), 239-247
Eimeria maxima, rejection by 'foreign' host (Numida meleagris); E. tenella, E. greneri, survival of sporozoites in peritoneal macrophages from 'foreign' vs. normal hosts in vitro

Eimeria maxima
Long, P. L.; and Millard, B. J., 1979, Parasitology, v. 79 (3), 451-457
Eimeria maxima, immunological differences between laboratory strains and field isolates effect of mixed immunizing inoculum on heterologous challenge

Eimeria maxima
Long, P. L.; and Millard, B. J., 1979, Avian Path., v. 8 (3), 213-228
Eimeria spp., young chickens kept in litter pens, immunization, response to challenge with homologous and heterologous strains, effect of host age and of immunizing dose, timing of onset of immunity, longevity of immunity

Eimeria maxima
Long, P. L.; Millard, B. J.; and Smith, K. M., 1979, Avian Path., v. 8 (4), 453-467
Eimeria spp., chickens, effect of 4 anticoccidial drugs on development of immunity, field and laboratory conditions

Eimeria maxima
Long, P. L.; and Rowell, J. G., 1975, Brit. Poultry Sc., v. 16 (6), 583-592
Eimeria spp., method of sampling surface litter of commercial broiler houses for laboratory estimation of numbers of coccidial oocysts

Eimeria maxima
McDougal, L. R.; Karlsson, T.; and Reid, W. M., 1979, Avian Dis., v. 23 (4), 999-1005
coccidiosis, chickens (exper.), natural outbreak of infectious bursal disease (IBD) during comparison of anticoccidials for their effect on development of immunity, interaction between diseases, immunity to coccidiosis not blocked by IBD

Eimeria maxima
Eimeria spp., effects of coccidiosis on digestive capacity (amylase) of broiler chickens, changes in pancreatic, luminal, and surface-bound amylolytic activity, reduction in amylolytic activity as pH went below 5.0

Eimeria maxima
Major, J. R., jr.; and Ruff, M. D., 1978, J. Parasitol., v. 64 (4), 706-711
Eimeria spp.-infected broilers, reduced disaccharidase activity in region of intestine with maximum infection, this reduction is related to both time and severity of infection and can contribute to overall reduction in nutrient absorption

Eimeria maxima
Maxey, B. W.; and Page, R. K., 1977, Poultry Science, v. 56 (6), 1909-1913
Eimeria brunetti, E. maxima, chickens, lincomycin feed medication for control of necrotic enteritis

Eimeria maxima
Migaki, T. T.; Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (5), 1192-1196
Eimeria spp., chicks (exper.), salinomycin, monensin, lasalocid, efficacy in battery trials

Eimeria maxima
Eimeria spp., chicks (exper.), salinomycin and stenorol compared with other anticoccidials, efficacy and effect on chick performance

Eimeria maxima
Eimeria maxima, development of resistance to monensin, feed medication for control of necrotic enteritis

Eimeria maxima
Eimeria maxima, E. necatrix, chickens, effect of single vs. repeated vs. successive infections on manifestation of symptoms, food intake and body weight gain, and oocyst production

Eimeria maxima
Olson, G.; et al., 1978, Poultry Science, v. 57 (5), 1245-1250
Eimeria spp, field isolates, chickens (exper.), aprinocid in comparison trials with marketed drugs, effective against all isolates tested including those refractory to many of the other products

Eimeria maxima
Ogawa, H.; et al., 1978, Nippon Zyuishi-Kai Ass., v. 51 (10), 592-596
Eimeria spp., chicks and cell cultures, monensin
Eimeria maxima, illus.
  Pittilo, R. M.; and Ball, S. J., 1979, Parasitology, v. 79 (2), 259-265
  Eimeria maxima, fine structure of developing macrogamete

Eimeria maxima
  Eimeria maxima, var. indentata

Ruff, M. D.; et al., 1978, Parasitology, v. 76 (1), 11-20
  Eimeria spp., chicks (exper.), effects of dietary vitamin K on severity of disease with particular attention to effects of vitamin K on response to anticoccidial drugs, concluded that use of vitamin K deficient diet for experimental work is quite justified

Eimeria maxima
  Ruff, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-39
  Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria maxima
  Rose, M. E.; and Hesketh, P., 1979, Infect. and Immun., v. 26 (2), 650-657
  Eimeria spp. infections in normal animals vs. in animals with functional deficiencies in either T-lymphocytes or B-lymphocytes

Eimeria maxima, illus.
  Rose, M. E.; Hesketh, P.; and Ogilvie, B. M., 1979, Immunology, v. 36 (1), 71-79
  Eimeria maxima, chickens, E. nieschulzi, rats, primary and secondary infections, E. maxima-immunized chickens challenged with E. acervulina: peripheral blood leucocyte response, correlation with resistance to reinfection

Eimeria maxima
  Eimeria spp., chickens, anticoccidials, safe withdrawal times, effect on nutrient malabsorption

Eimeria maxima
  Ruff, M. D.; et al., 1978, Avian Dis., v. 22 (1), 32-41
  Eimeria spp., broilers (exper.), arprinocid, drug efficacy in both battery and floor-pen trials

Eimeria maxima
  Ruff, M. D.; et al., 1979, Poultry Science, v. 58 (2), 298-303
  Eimeria spp., battery raised broilers (exper.), narasin compared with monensin

Eimeria maxima
  Ruff, M. D.; Anderson, W. I.; and Reid, W. M., 1978, J. Parasitology, v. 64 (2), 306-311
  Eimeria spp. in broilers, arprinocid decreased number of oocysts produced, fewer of the oocysts sporulated, and those oocysts which did sporulate were less infective than those from unmedicated birds

Eimeria maxima
  Eimeria spp. in broilers, severe infection increased prothrombin times compared with uninfected birds

Eimeria maxima
  Ryley, J. F.; and Hardman, L., 1978, Parasitology, v. 76 (1), 11-20
  Eimeria spp., chicks (exper.), effects of dietary vitamin K on severity of disease with particular attention to effects of vitamin K on response to anticoccidial drugs, concluded that use of vitamin K deficient diet for experimental work is quite justified

Eimeria maxima
  Ryley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-39
  Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria maxima
  Schindler, P.; et al., 1979, Poultry Science, v. 58 (1), 23-27
  Eimeria spp., broiler chicken pen trials, arprinocid in feed highly effective prophylaxis, comparison with halofuginone, monensin, nicarbazin, and pancoxin: England; France; Germany

Eimeria maxima
  Tamas, T.; et al., 1978, Poultry Science, v. 57 (2), 381-385
  Eimeria acervulina, E. maxima, E. necatrix, E. tenella, arprinocid and dichloro analog L-628,914 in feed, decrease in oocysts' capacity to sporulate

Eimeria maxima var. indentata
  Joyner, L. P.; et al., 1978, Parasitology, v. 77 (1), 27-31
  "The term 'variety' is considered unnecessary: it is proposed that the above parasites should be given the status of strains. Parasites previously described as E. maxima var. indentata for example, would be better referred to as E. maxima (indentata)."

Eimeria media
  Kessel, 1929, illus.
  Catchpole, J.; and Norton, C. C., 1979, Parasitology, v. 79 (2), 249-257
  Eimeria spp. in rabbits from 3 commercial rabbitries, species identification, level of infection, % occurrence and % predominance of different spp.: South East England

Eimeria media
  Eimeria spp., rabbits (nat. and exper.), sulphacombine, controlled test, subacute toxicity, no negative effect on followed indicators

Eimeria media
  Eimeria spp., rabbits, cyclical variations in excretion of fecal oocysts, seasonal effects, effect of pregnancy, parturition, and lactation, removal of mother from litter, infection of litters, relationship between maternal coccidial levels and those in the young, performance
Eimeria media
Eimeria spp., rabbits (nat. and exper.), efficacy of robenidine

Eimeria meleagrimitis Tyzzer, illus.
Augustine, P. C.; and Thomas, O. P., 1979, Avian Path., v. 23 (4), 854-862
Eimeria meleagrimitis, development from sporozoites and merozoites in turkey kidney cell cultures

Eimeria meleagrimitis
Augustine, P. C.; and Thomas, O. P., 1979, Avian Path., v. 23 (4), 854-862
Eimeria meleagrimitis, development from sporozoites and merozoites in turkey kidney cell cultures

Eimeria meleagrimitis
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1483-1489
Eimeria spp., turkeys, halofuginone effective

Eimeria meleagrimitis
Hamet-Foure, N.; Macar, C.; and Robin, B., 1979, Avian Path., v. 8 (1), 107-113
Eimeria meleagrimitis, E. adenoides, turkeys, activity of clopidol with methylbenzoquate and amprolium with ethopabate: France

Eimeria meleagrimitis
McDougald, L. R., 1979, Poultry Science, v. 58 (1), 76-80
coccidiosis, histomoniasis, turkeys, tests for efficacy and compatibility indicate that amprolium and carbarsone can be used in combination

Eimeria meleagrimitis
McDougald, L. R.; and Johnson, J. K., 1979, Poultry Science, v. 58 (1), 72-75
Eimeria spp., turkeys, efficacy of arprinoicid compared with amprolium, floor pen studies

Eimeria meleagrimitis
McDougald, L. R.; and McQuistion, T. E., 1978, Avian Dis., v. 22 (4), 765-770
Eimeria spp., turkeys, coccidiosis management, innate (age) resistance and acquired immunity vs. anticoccidial medication

Eimeria meleagrimitis, illus.
Madden, P. A.; and Ruff, M. D., 1979, J. Parasitol., v. 65 (2), 234-242
Eimeria spp. in turkeys, effects on structural integrity of intestinal and cecal mucosa, scanning electron microscopy, comparison of damage with parasite distribution as seen by light microscopy

Eimeria meleagrimitis
Eimeria spp., turkey poult (exper.), single and mixed infections, lasalocid sodium, controlled battery trials

Eimeria meleagrimitis
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Eimeria meleagrimitis
Reid, W. M.; Anderson, W. J.; and McDougald, L. R., 1978, Avian Path., v. 7 (4), 569-576
Eimeria spp., turkey poult, anticoccidial protection and development of immunity while using monensin

Eimeria meleagrimitis
Eimeria meleagrimitis, E. adenoides, turkeys, outbreak causing great economic loss despite anticoccidial drug in medicated feed; need for recognizing development of resistant strains of coccidia: Beamsville, Ontario

Eimeria merlangi sp. nov., illus.
Odontogadus merlangus euninus (intestinal wall, gall bladder): Black Sea (region near Sevastopol)

Eimeria mitis
experimental reproduction of necrotic enteritis in chicks with mixed infections of Clostridium perfringens and coccidia

Eimeria mitis
Eimeria tenella, E. mitis, biochemical characteristics of pathogenesis in chickens, review

Eimeria mitis
Kucera, J.; and Lom, J., 1979, Veterinarstvi, v. 29 (8), 351-353
Eimeria spp., Heterakis gallinae, incidence at large scale poultry farms using cage breeding methods: Czechoslovakia

Eimeria mitis
Eimeria spp., chickens (feces), rate of infection: Baghdad area, Iraq

Eimeria mitis
Eimeria tenella, E. mitis, chickens, serum protein changes over course of infection

Eimeria mitis
Musae, M. A.; and Ibragimova, G. G., 1974, Parazitologiia, Leningrad, v. 8 (1), 70-73
Eimeria tenella, E. mitis, chickens (exper.), changes in lecithin content of blood serum at different stages of infection, extent of biochemical changes depends on pathogenicity of different species and host age

Eimeria mitis
Musae, M. A.; and Surkova, A. M., 1972, Parazitologiia, Leningrad, v. 6 (1), 11-15
Eimeria tenella, E. mitis-infected chickens (exper.), changes in activity of alkaline and acid phosphatases of small intestine depend on species of coccidia, age of host, and stage of infection
Eimeria mitis
Oikawa, H.; and Kawaguchi, H., 1976, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 25 (3), 141-147
Eimeria praecox, E. mitis, chickens, single, repeated or successive infection, effect on manifestation of symptoms and oocyst production

Eimeria mitis
Shirley, M. W., 1979, Parasitology, v. 78 (2), 221-237
Eimeria mitis, enzyme electrophoresis, cross-immunity, and other studies suggest that confusion over taxonomic status arose because some cultures were contaminated with E. acervulina; possibility exists that E. mitis and E. mitis are same species; E. diminuta or E. acervulina var. diminuta "should...be referred to as E. mivati (diminuta)."

Eimeria mivati
Tyzzer, 1929
Surkov, A. M., 1972, Parazitologiya, Leningrad, v. 6 (2), 171-175
Eimeria tenella, E. mitis, chickens (exper.), changes in total, residual, and protein nitrogen content in liver, depends on stage of development of parasite, host age, and species of Coccidia

Eimeria mivati
Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (2), 304-307
Eimeria spp., broilers (exper.), salinomycin, monensin, lasalocid, drug tolerance and anticoccidial efficacy compared in 5 field trials, commercial facilities

Eimeria mivati
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1460-1475
Eimeria spp. (recent field isolates resistant to various drugs), chickens, halofuginone, action cidal rather than static

Eimeria mivati
Kellogg, P. E.; Doster, G. L.; and Johnson, J. K., 1971, J. Wildlife Dis., v. 7 (3), 166-187
Indian red junglefowl, pen-raised (small intestine)

Eimeria mivati
Kucera, J.; and Lom, J., 1979, Veterinarstvi, v. 29 (8), 351-353
Eimeria spp., Heterakis gallinae, incidence at large scale poultry farms using cage breeding methods: Cechach

Eimeria mivati
Long, P. L.; and Millard, B. J., 1979, Avian Path., v. 8 (3), 213-228
Eimeria spp., young chickens kept in litter pens, immunization, response to challenge with homologous and heterologous strains, effect of host age and of immunizing dose, timing of onset of immunity, longevity of immunity

Eimeria mivati
Long, P. L.; Millard, B. J.; and Smith, K. M., 1979, Avian Path., v. 8 (4), 453-467
Eimeria spp., chickens, effect of 4 anticoccidial drugs on development of immunity, field and laboratory conditions

Eimeria mivati
McDougald, L. R.; Karlsson, T.; and Reid, W. M., 1979, Avian Dis., v. 23 (4), 999-1005 cocidiosis; chickens (exper.), natural outbreak of infectious bursal disease (IBD) during comparison of anticoccidials for their effect on development of immunity, interaction between diseases, immunity to cocidiosis not blocked by IBD

Eimeria mivati
Migaki, T. T.; Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (5), 1192-1196
Eimeria spp., chicks (exper.), salinomycin, monensin, lasalocid, efficacy in battery trials

Eimeria mivati
Ruff, M. D.; et al., 1978, Avian Dis., v. 22 (1), 32-41
Eimeria spp., broilers (exper.), arprinocid, drug efficacy in both battery and floor-pen trials

Eimeria mivati
Ruff, M. D.; et al., 1979, Poultry Science, v. 58 (2), 298-303
Eimeria spp., battery raised broilers (exper.), narasin compared with monensin

Eimeria mivati
Ruff, M. D.; Anderson, W. I.; and Reid, W. M., 1978, J. Parasitol., v. 64 (2), 306-311
Eimeria spp. in broilers, arprinocid decreased number of oocysts produced, fewer of the oocysts sporulated, and those oocysts which did sporulate were less infective than those from unmedicated birds

Eimeria mivati
Ryley, J. F.; and Hardman, L., 1978, J. Parasitol., v. 64 (5), 878-881
Eimeria acervulina, E. mivati, speciation studies (cross-immunity and drug resistance studies), some immunological relationship was demonstrated but the failure of the 2 organisms to interbreed in the drug resistance studies lends support to status of E. mivati as distinct species

Eimeria mivati
Eimeria mivati and E. mivati var. diminuta strains differing in sensitivity to sulphaquinonoxaline and electrophoretic mobility of lactate dehydrogenase crossed; electrophoretic variation of enzymes a further marker for genetic studies

Eimeria mivati
Shirley, M. W., 1979, Avian Path., v. 8 (4), 460-475
Eimeria mivati, chickens (exper.), 3 strains (2 chicken-maintained, 1 embryo-adapted), pathogenicity compared with E. acervulina, cross-protection between virulent and attenuated strains
Eimeria mivati
Shirley, M. W., 1979, Parasitology, v. 78 (2), 221-237
Eimeria mivati, enzyme electrophoresis, cross-immunity, and other studies suggest that confusion over taxonomic status arose because some cultures were contaminated with E. acervulina; possibility exists that E. mivati and E. mitis are same species; E. diminuta or E. acervulina var. diminuta "should ... be referred to as E. mivati (diminuta)."

Eimeria mivati var. diminuta
Eimeria mivati and E. mivati var. diminuta strains differing in sensitivity to sulpha-quinoxaline and electrophoretic mobility of lactate dehydrogenase crossed; electrophoretic variation of enzymes a further marker for genetic studies

Eimeria (?) mucosa (Blanchard, 1885) nov. comb.
Balbiania mucosa, descriptive history, erroneously indicated as Sarcocystis; "Until it is studied further, its correct name should be considered Eimeria (?) mucosa (Blanchard, 1885) nov. comb."

Eimeria mustelae
Mustela nivalis (Jejunum, Rectum): Neusiedlerseegebiet, nördlichen Burgenland

Eimeria myotis
Myotis myotis (Jejunum): Neusiedlerseegebiet, nördlichen Burgenland

Eimeria necatrix
Experimental reproduction of necrotic enteritis in chicks with mixed infections of Closistoderm perfringens and coccidia

Eimeria necatrix
Bedrnik, P., 1977, Veterinarstvi, v. 27 (10), 458-459
Coccidiosis, chickens, current prevalence, amprol plus treatment

Eimeria necatrix
Bedrnik, P.; et al., 1979, Arch. Geflugelk., v. 43 (1), 7-10
Eimeria spp., chickens (exper.), comparative efficiency of anticoccidials in combination with growth promotant nitrovin

Eimeria necatrix
Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (2), 304-307
Eimeria spp., broilers (exper.), salinomycin, monensin, lasalocid, drug tolerance and anticoccidial efficacy compared in 5 field trials, commercial facilities

Eimeria necatrix
Cruthers, L. R.; et al., 1978, Poultry Science, v. 57 (5), 1227-1233
Eimeria spp., broiler chicks (exper.), lonomycin in feed, high degree of anticoccidial activity, comparison with lasalocid and monensin

Eimeria necatrix
Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1469-1475
Eimeria spp. (recent field isolates resistant to various drugs), chickens, halofuginone, action cidal rather than static

Eimeria necatrix
Eimeria spp., chickens (exper.), synergistic effect of metichlorpindol and methylbenzo-quate, rotation program with other coccidio-stats discussed

Eimeria necatrix
Kilgore, R. L.; et al., 1978, Poultry Science, v. 57 (4), 907-911
Eimeria spp., broiler chickens (exper.), arprinocid, effects on weight, feed efficiency, and histological lesions

Eimeria necatrix
Kilgore, R. L.; et al., 1979, Poultry Science, v. 58 (1), 67-75
Eimeria spp., chickens, floor-pen trials evaluating 4 methods of induced exposure to coccidiosis suitable for use in drug research operations, laboratory sporulated oocysts spread over litter most satisfactory method

Eimeria necatrix
Kucera, J.; and Lom, J., 1979, Veterinarstvi, v. 29 (8), 351-353
Eimeria spp., Heterakis gallinae, incidence at large scale poultry farms using cage breeding methods: Gechach

Eimeria necatrix
Eimeria spp., chickens (feces), rate of infection: Baghdad area, Iraq

Eimeria necatrix
Eimeria spp., chickens, incidence of clinical coccidiosis by month of year and age of host in the Ontario Veterinary Services Branch records 1973-1977, possible use of data to synchronize drug rotation with change in incidence

Eimeria necatrix
Long, P. L.; and Millard, B. J., 1979, Avian Path., v. 8 (3), 213-228
Eimeria spp., young chickens kept in litter pens, immunization, response to challenge with homologous and heterologous strains, effect of host age and of immunizing dose, timing of onset of immunity, longevity of immunity

Eimeria necatrix
Long, P. L.; Millard, B. J.; and Smith, K. M., 1979, Avian Path., v. 8 (4), 453-467
Eimeria spp., chickens, effect of 4 anti-coccidial drugs on development of immunity, field and laboratory conditions
Eimeria necatrix
McDougald, L. R.; Karlsson, T.; and Reid, W. M., 1979, Avian Dis., v. 23 (4), 999-1005
coccidiosis, chickens (exper.), natural outbreak of infectious bursal disease (IBD) during comparison of anticoccidials for their effect on development of immunity, interaction between diseases, immunity to coccidiosis not blocked by IBD

Eimeria necatrix
Eimeria spp., effects of coccidiosis on digestive capacity (amylase) of broiler chickens, changes in pancreatic, luminal, and surface-bound amylolytic activity, reduction in amylolytic activity as pH went below 5.0

Eimeria necatrix
Major, J. R., jr.; and Ruff, M. D., 1978, J. Parasitol., v. 64 (4), 706-711
Eimeria spp.-infected broilers, reduced disaccharidase activity in region of intestine with maximum infection, this reduction is related to both time and severity of infection and can contribute to overall reduction in nutrient absorption

Eimeria necatrix
Migaki, T. T.; Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (5), 1192-1196
Eimeria spp., chicks (exper.), salinomycin, monensin, lasalocid, efficacy in battery trials

Eimeria necatrix
Mladenovic, Z.; Movsesijan, M.; and Boriojevic, D., 1978, Vet. Glasnik, v. 32 (10), 829-834
Eimeria spp., chickens (exper.), mixed infections, cycoStat, nitryl, and stenorol

Eimeria necatrix
Eimeria spp., chicks (exper.), salinomycin and stenorol compared with other anticoccidials, efficacy and effect on chick performance

Eimeria necatrix
Eimeria spp., chicks (exper.), no interference with overall intestinal absorption of 14C-glucose, results suggest probable compensatory absorption by sections of intestine unaffected by a specific coccidial infection

Eimeria necatrix
Oikawa, H.; and Kawaguchi, H., 1975, Kiseichugaku Zasshi (Japan. J. Parasitology), v. 24 (5), 276-283
Eimeria maxima, E. necatrix, chickens, effect of single vs. repeated vs. successive infections on manifestation of symptoms, food intake and body weight gain, and oocyst production

Eimeria necatrix
Olson, G.; et al., 1978, Poultry Science, v. 57 (5), 1245-1250
Eimeria spp. field isolates, chickens (exper.), arprinocid in comparison trials with marketed drugs, effective against all isolates tested including those refractory to many of the other products

Eimeria necatrix
Panitz, E., 1979, Parasitology, v. 78 (1), 33-40
Eimeria spp., chicks, anticoccidial efficacy and cross-resistance patterns of N,N'-bis (3,4 dinitrofluoromethylphenyl) methylmalonamide compound have no practical application because of weight gain depression

Eimeria necatrix
Eimeria spp., chickens, stenorol prevents coccidiosis under laboratory and field conditions, during fattening period

Eimeria necatrix
Eimeria spp., chickens, anticoccidials, safe withdrawal times, effect on nutrient malabsorption

Eimeria necatrix
Ruff, M. D.; et al., 1978, Avian Dis., v. 22 (1), 32-41
Eimeria spp., broilers (exper.), arprinocid, drug efficacy in both battery and floor-pen trials

Eimeria necatrix
Ruff, M. D.; et al., 1979, Poultry Science, v. 58 (2), 298-303
Eimeria spp., battery raised broilers (exper.), narasin compared with monensin

Eimeria necatrix
Ruff, M. D.; Anderson, W. I.; and Reid, W. M., 1978, J. Parasitol., v. 64 (2), 306-311
Eimeria spp. in broilers, arprinocid decreased number of oocysts produced, fewer of the oocysts sporulated, and those oocysts which did sporulate were less infective than those from unmedicated birds

Eimeria necatrix
Ruff, M. D.; Wyatt, R. D.; and Witlock, D. R., 1978, J. Parasitol., v. 64 (1), 23-26
Eimeria spp. in broilers, severe infection increased prothrombin times compared with uninfected birds

Eimeria necatrix
Ryley, J. F.; and Hardman, L., 1978, Parasitology, v. 76 (1), 11-20
Eimeria spp., chicks (exper.), effects of dietary vitamin K on severity of disease with particular attention to effects of vitamin K on response to anticoccidial drugs, concluded that use of vitamin K deficient diet for experimental work is quite justified
Eimeria necatrix

Ryley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 33-59
Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria necatrix

Schindler, P.; et al., 1979, Poultry Science, v. 58 (1), 23-27
Eimeria spp., broiler chicken pen trials, arprinocid in feed highly effective prophylactically, comparison with halofuginone, monensin, nicarbazin, and pancoxin: England; France; Germany

Eimeria necatrix

coccidiosis, broilers, field trials of antimicrocids: CSSR

Eimeria necatrix

Eimeria necatrix, different levels of infection, chicks, activity of decoquinate used prophylactically and therapeutically, effect on development of immunity

Eimeria necatrix

Eimeria necatrix, different levels of infection, chicks, activity of amprolium used prophylactically and therapeutically, effect on development of immunity

Eimeria necatrix

Tamas, T.; et al., 1978, Poultry Science, v. 57 (2), 381-385
Eimeria acervulina, E. maxima, E. necatrix, E. tenella, arprinocid and dichloro analog L-628,914 in feed, decrease in oocysts' capacity to sporulate

Eimeria necatrix

Eimeria necatrix, induction of gel-phase lipid in plasma membrane of chick intestinal cells after infection, membrane lipid of developing parasites remains exclusively liquid crystalline at physiological temperature

Eimeria necatrix

Timchenko, A. D., 1972, Parazitologija, Leninograd, v. 6 (6), 509-512
Eimeria spp., survival of non-sporulated and sporulated oocysts on soil surface and at various depths under conditions prevailing in southern Ukraine during winter to spring period, implications for prophylaxis and control of coccidiosis

Eimeria neodebliecki

mixed coccidial infection, pig, first infection did not confer any immunity, pig became resistant to challenge after second infection

Eimeria neodebliecki

coccidia, pigs (exper.), mixed infection with 4 spp., macro- and microgametocytic stages, mostly not identified to species

Eimeria neodebliecki

4 spp. of coccidia, pigs (exper.), only slightly pathogenic, no gross observable lesions

Eimeria neoirresidua

Wiggins, J. P.; and Rothenbacher, H., 1979, J. Parasitol., v. 65 (3), 393-394
Sylvilagus floridanus (feces): central Pennsylvania

Eimeria neoleporis

Wiggins, J. P.; and Rothenbacher, H., 1979, J. Parasitol., v. 65 (3), 393-394
Sylvilagus floridanus (feces): central Pennsylvania

Eimeria nieschulzi, illus.

Eimeria nieschulzi, structure of threemembranous pellicle, freeze fracture technique

Eimeria nieschulzi

Duszynski, D. W.; et al., 1978, J. Parasitol., v. 64 (1), 83-88
Trichinella spiralis, suppressed rejection in immunized rats concurrently infected with Eimeria nieschulzi

Eimeria nieschulzi

Duszynski, D. W.; et al., 1978, J. Protozool., v. 25 (3, pt. 2), 370-374
Eimeria nieschulzi, rats, intestinal transit time during infection, on basis of findings it is difficult to implicate altered intestinal transit time in symptoms such as diarrhea which attend coccidiosis

Eimeria nieschulzi

Eimeria nieschulzi, structural and functional changes in small intestine of infected rats (increase in intestinal mass; changes in mucosal structure especially increased crypt depth; decrease in peroxidase levels in lamina propria; reduction of brush border disaccharidase activity), intensity of all changes was directly dose-dependent

Eimeria nieschulzi

Rattus norvegicus (Jejunum, Rectum) R. rattus (Jejunum) all from Neusiedlerseegebiet, nördlichen Burgenland

Eimeria nieschulzi

Eimeria nieschulzi, rats, effect of infection on leukocyte levels
Eimeria nieschulzi, illus.
Marchiondo, A. A.; and Duszynski, D. W., 1978, J. Parasitol., v. 64 (1), 163-164
Eimeria nieschulzi, two methods for preparation of permanent light microscopy slides of oocysts

Eimeria nieschulzi, illus.
Eimeria nieschulzi, scanning electron micrographs of oocysts, transmission electron micrographs of oocyst wall and sporocyst wall

Eimeria nieschulzi
Rose, M. E.; et al., 1979, Parasite Immunol., v. 1 (2), 125-132
Eimeria nieschulzi, Nippostrongylus brasilienensis, failure of nude (athymic) rats to become resistant to reinfection

Eimeria nieschulzi, illus.
Rose, M. E.; and Hesketh, P., 1979, Infect. and Immum., v. 26 (2), 650-657
Eimeria spp. infections in normal animals vs. in animals with functional deficiencies in either T-lymphocytes or B-lymphocytes

Eimeria nieschulzi
Rose, M. E.; Hesketh, P.; and Ogilvie, B. M., 1979, Immunology, v. 36 (1), 71-79
Eimeria maxima, chickens, E. nieschulzi, rats, primary and secondary infections, E. maxima-immunized chickens challenged with E. acervulina: peripheral blood leucocyte response, correlation with resistance to reinfection

Eimeria ninakohlyakimovae
prevalence, prepatent period, sheep (feces): Wisconsin

Eimeria ninakohlyakimovae
Eimeria spp., sheep and goats, occurrence, seasonality, host age: Kashkadar‘insk oblast

Eimeria ninakohlyakimovae
Eimeria spp., lambs (nat. and exper.), effect of monensin on oocyst discharge, feed consumption, fecal output, and weight gain (by sex of host): Illinois

Eimeria ninakohlyakimovae
Eimeria spp., confinement-reared lambs (exper.) from weaning to market weight, monensin and lasalocid highly effective in eliminating oocysts, weight gains and feed conversion rates measured

Eimeria ninakohlyakimovaci (Jakimoff, Rastegaieff, 1929), illus.
synonymy [Ovis aries] (feces): Belorussia

Eimeria ninakohlyakimovi
Ovis musimon: Bulgaria

Eimeria ninakohlyakimovae
Eimeria spp., lambs, amprolium and monensin, oocyst discharge, feed utilization, and ruminal metabolism

Eimeria ninakohlyakimovae
Krishnamurthy, R.; and Kshirsagar, H. S., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 153-156
Eimeria spp., goats (feces), prevalence and seasonal incidence: slaughter house at Parbhani, Maharashtra state

Eimeria ninakohlyakimovae Yakimoff & Rastegaieff, illus.
McDougalld, L. R., 1979, J. Protozool., v. 26 (1), 109-113
Eimeria christenseni oocysts from goat, failure to infect sheep; E. ninakohlyakimovae-like oocysts from sheep, failure to infect goats, E. ninakohlyakimovae-like coccidia of the 2 hosts belong to separate species, E. ovincidualis sp. n. proposed for species from sheep, E. ninakohlyakimovae retained for species from goats

Eimeria ninakohlyakimovae
Eimeria spp., lambs, development of naturally acquired infection: Otago, New Zealand

Eimeria ninakohlyakimovae
Eimeria parva, E. ninakohlyakimovae, sheep (exper.), blood values 11th day post-infection

Eimeria ninakohlyakimovae
Samizadeh-Yazdani, A.; et al., 1979, Am. J. Vet. Research, v. 40 (8), 1107-1109
Eimeria spp., lambs, efficacy of monensin in feed

Eimeria ninakohlyakimovae
Eimeria spp., sheep, natural infection, amprolium, furoxone, not sufficient control for sheep grazing on pasture

Eimeria ninakohlyakimovae
Ovis moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin

Eimeria ninakohlyakimovae
Eimeria spp., sheep, incidence, distribution, review of clinical aspects, pathology, epizootiology: Spain
Eimeria nocens

Eimeria nutriae, illus.

Myocastor coypus (feces): Alma-Ata zoo park

Eimeria odocoilei
Woof, A.; and Harder, J. D., 1979, Wildlife Monogr. (67), 53 pp

Odocoileus virginianus: Rachelwood Wildlife Research Preserve, New Florence, Pennsylvania

Eimeria ondatrazibethicae

Ondatra zibethica (Jejunum, Rectum): Neu- siedlerseegebiet, nördlichen Burgenland

Eimeria oreoecetes sp. n., illus.
Stabler, R. M.; et al., 1979, J. Parasitol., v. 65 (2), 272-274

Lagopus leucurus: Alpine meadows

Dendragapus obscurus: forested mountains (feces of all): all from Colorado Rockies

Eimeria ovina

Eimeria spp., lambs (nat. and exper.), effect of monensin on oocyst discharge, feed consumption, fecal output, and weight gain (by sex of host): Illinois

Eimeria ovina

Eimeria spp., confinement-reared lambs (exper.) from weaning to market weight, monensin and lasalocid highly effective in eliminating oocysts, weight gains and feed conversion rates measured

Eimeria ovina, illus.

Ovis musimon: Bulgaria

Eimeria ovina

Eimeria spp., lambs, ammonium and monensin, oocyst discharge, feed utilization, and ruminal metabolism

Eimeria ovina

Eimeria spp., lambs (exper.), efficacy of monensin in feed

Eimeria ovina

Eimeria spp., lambs, development of naturally acquired infection: Otago, New Zealand

Eimeria ovina
Samizadeh-Yazd, A.; et al., 1979, Am. J. Vet. Research, v. 40 (8), 1107-1109

Eimeria spp., lambs, efficacy of monensin and aureomycin separately and combined

Eimeria ovinoidalis sp. n., illus.
McDougald, L. R., 1979, J. Protozool., v. 26 (1), 109-113

Eimeria christensenii oocysts from goat, failure to infect sheep; E. ninakohlyakimovae-like oocysts from sheep, failure to infect goats. E. ninakohlyakimovae-like coccidia of the 2 hosts belong to separate species, E. ovinoidalis sp. n. proposed for species from sheep, E. ninakohlyakimovae retained for species from goats

Eimeria pallida

prevalence, prepatent period sheep (feces): Wisconsin

Eimeria pallida

Eimeria spp., lambs (nat. and exper.), effect of monensin on oocyst discharge, feed consumption, fecal output, and weight gain (by sex of host): Illinois

Eimeria pallida

Eimeria spp., confinement-reared lambs (exper.) from weaning to market weight, monensin and lasalocid highly effective in eliminating oocysts, weight gains and feed conversion rates measured

Eimeria pallida
Samizadeh-Yazd, A.; et al., 1979, Am. J. Vet. Research, v. 40 (8), 1107-1109

Eimeria spp., lambs, efficacy of monensin and aureomycin separately and combined

Eimeria pallida

Eimeria spp., sheep, incidence, distribution, review of clinical aspects, pathology, epizootiology: Spain

Eimeria parva

prevalence, prepatent period sheep (feces): Wisconsin

Eimeria parva

Eimeria spp., sheep and goats, occurrence, seasonality, host age: Kashkadar'insk oblast

Eimeria parva

Eimeria spp., lambs (nat. and exper.), effect of monensin on oocyst discharge, feed consumption, fecal output, and weight gain (by sex of host): Illinois
Eimeria parva

Eimeria spp., confinement-reared lambs (exper.) from weaning to market weight, monensin and lasalocid highly effective in eliminating oocysts, weight gains and feed conversion rates measured

Eimeria parva (Kotlan, Mocsy, & Vajda, 1929), illus.
[Ovis aries] (feces): Belorussia

Eimeria parva, illus.

Ovis musimon: Bulgaria

Eimeria parva
Krishnamurthy, R.; and Kshirsagar, H. S., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 153-156
Eimeria spp., goats (feces), prevalence and seasonal incidence: slaughter house at Parbhani, Maharashtra state

Eimeria parva
Eimeria spp., lambs (exper.), efficacy of monensin in feed

Eimeria parva
Eimeria spp., lambs, development of naturally acquired infection: Otago, New Zealand

Eimeria parva Mocsy, Vajda, 1929, illus.
Capra ibex sibirica (feces): Alma-Ata zoopark

Eimeria parva
Eimeria parva, E. ninokahiyakimovae, sheep (exper.), blood values 11th day post-infection

Eimeria parva, illus.
Rama, S.; Singh, C. D. N.; and Sinha, B. K., 1977, Kerala J. Vet. Sci., v. 8 (2), 243-246
Eimeria parva, lambs, symptoms, pathology

Eimeria parva
Samizadeh-Yazd, A.; et al., 1979, Am. J. Vet. Research, v. 40 (8), 1107-1109
Eimeria spp., lambs, efficacy of monensin and aureomycin separately and combined

Eimeria parva
Eimeria spp., sheep, natural infection, amprolium, furoxone, not sufficient control for sheep grazing on pasture

Eimeria parva
Ovis moschatus, management in zoological park, includes information on parasites and their treatment: Tierpark Berlin

Eimeria parva
Eimeria spp., sheep, incidence, distribution, review of clinical aspects, pathology, epizootiology: Spain

Eimeria parvula
Eimeria pellerdyi n. sp., E. intestinalis, pure isolates distinguished in coccidia-free rabbits on basis of duration of life cycle, site of development, and strict specificity of acquired immunity; pathogenicity
Oryctolagus cuniculus (caecum, colon) (exper.)

Eimeria pellerdyi
E. pellerdyi, E. intestinalis, young rabbits, hematological changes

Eimeria pellerdyi (Coudert, 1977)
Eimeria intestinalis, E. pellerdyi, rabbits (exper.), changes in water metabolism in diarrhoeic hosts

Eimeria pellitory Supperer 1952, illus.
Redescription of sporulated oocyst Holstein-Friesian calves (feces): eastern Alabama

Eimeria perforans (Leuckart, 1879)
Eimeria perforans (Leuckart, 1879) Sluiter Swellengrebel, 1912, illus.

Eimeria perforans
Kotlan, Mocsy, § Vajda, 1929, illus.

Eimeria perforans
Eimeria perforans, confinement-reared lambs (exper.), blood values 11th day post-infection

Eimeria perforans, rabbits (nat. and exper.), sulphamethoxine, controlled test, subacute toxicity, no negative effect on followed indicators

Eimeria perforans
Eimeria spp., rabbits, cyclical variations in excretion of fecal oocysts, seasonal effects, effect of pregnancy, parturition, and lactation, removal of mother from litter, infection of litters, relationship between maternal coccidial levels and those in the young, performance
Eimeria perforans
Pav., J., 1978, Veterinarstvi, v. 28 (2), 84-86
coccidia, cestodes, prevalence in hares:
Czechoslovakia

Eimeria perforans
Peeters, J. E.; Halen, P.; and Meulemans, G.,
Eimeria spp., rabbits (nat. and exper.),
efficacy of robenidine

Eimeria perminuta
Fak. Agron.,
Rada B. Zivoc. Vyroba (1), 3-19
Eimeria spp., nematodes, pigs, soft runs as
source of contamination, weather and climatic
conditions

Eimeria perminuta
Upadhyay, A. N.; and Ahluwalia, S. S., 1976,
Indian Vet. J., v. 53 (12), 972-973
mixed coccidial infection, pig, first
infection did not confer any immunity, pig be-
came resistant to challenge after second
infection

Eimeria perminuta
Upadhyay, A. N.; and Ahluwalia, S. S., 1978,
Indian Vet. J., v. 55 (6), 458-461
coccidia, pigs (exper.), mixed infection with
4 spp., macro- and microgametocytic stages,
mostly not identified to species

Eimeria perminuta
Upadhyay, A. N.; and Ahluwalia, S. S., 1978,
Indian Vet. J., v. 55 (10), 829-830
4 spp. of coccidia, pigs (exper.), only
slightly pathogenic, no gross observable
lesions

Eimeria persica
Lovine and Becker, 1933, illus.
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Natrix multiperisa (intestine): lake Maloe
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Lama glama (feces): Alma-Ata zoopark

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Latif, B. M. A.; Ali, S. R.; and Versenyi, L.,
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Issled. Vet. Inst., v. 9, 124-130
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Eimeria tenella
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Edgar, S. A.; and Flanagan, C., 1979, Poultry Science, v. 58 (6), 1469-1475
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Eimeria tenella
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Krylov, M. V.; et al., 1975, Parazitologiia, Leningrad, v. 9 (1), 82-91
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Eimeria maxima, rejection by 'foreign' host (Numida meleagris); E. tenella, E. grenieri, survival of sporozoites in peritoneal macrophages from 'foreign' vs. normal hosts in vitro

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Eimeria tenella, chickens (exper.), t-butylaminoethanol alone or in synergistic combination with sulfaquinoxaline and pyrimethamine, anticoccidial efficacy, specific reversal of toxicity for parasite and host by choline and dimethylaminoethanol

McManus, E. C.; and Rogers, E. F., 1979, Exper. Parasitol., v. 48 (2), 235-238

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Eimeria tenella, surgical ligation of chick ceca used to study role of absorption and extraintestinal transport in action of anticoccidial drugs


Eimeria tenella, embryoadapted strain, fine structure and development in chicken embryos, complete endogenous cycle is restricted to epithelial cells of chorioallantoic membrane, no major ultrastructural changes have occurred as result of repeated embryo passage


Eimeria tenella, efficiency of Seinhorst filter for recovery of oocysts from large quantities of feces as compared to 3 previously applied methods
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Eimeria tenella, broilers (exper.), evaluation of amprol plus and coyden-25 with or without 3-nitro-50 (roxarsone)

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Eimeria tenella, White Leghorn chicks (exper.), comparative efficacy of Esb, and Abi-Zet;

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Eimeria tenella, chickens, beclotiamine, mode of action studies; attempts to potentiate or antagonize its activity revealed that pyri-thiamine and 2,4-dinitrophenol also showed slight anticoccidial activity and that a combination of 2,4-DNP and beclotiamine was effective but weight gain was not as good as with beclotiamine alone

Eimeria tenella
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Eimeria tenella, chicks, carbohydrate in host diet, effect on infection

Eimeria tenella, illus.
Matsuzawa, T., 1979, Poultry Science, v. 58 (4), 1007-1008

Eimeria tenella in chicken ceca, incorporation of H\textsuperscript{3}-glucose, electron microscope autoradiography

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Migaki, T. T.; Chappel, L. R.; and Babcock, W. E., 1979, Poultry Science, v. 58 (5), 1192-1196

Eimeria spp., chicks (exper.), salinomycin, monensin, lasalocid, efficacy in battery trials

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Eimeria tenella oocysts remain viable in digestive tract of Musca domestica and when excreted, flies containing E. tenella oocysts produce infection when fed to chicks

Eimeria tenella
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Eimeria spp., chickens (exper.), mixed infections, cycostat, nitryl, and stenorol

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Musaev, M. A.; and Ibragimova, G. G., 1974, Parazitologiia, Leningrad, v. 8 (1), 70-73

Eimeria tenella, E. mitis, chickens (exper.), changes in lecithin content of blood serum at different stages of infection, extent of biochemical changes depends on pathogenicity of different species and host age

Eimeria tenella
Musaev, M. A.; and Surkova, A. M., 1972, Parazitologiia, Leningrad, v. 6 (1), 11-15

Eimeria tenella, E. mitis-infected chickens (exper.), changes in activity of alkaline and acid phosphatases of small intestine depend on species of coccidia, age of host, and stage of infection

Eimeria tenella
Musaev, M. A.; and Surkova, A. M., 1974, Parazitologiia, Leningrad, v. 8 (2), 170-174

Eimeria tenella, chickens (exper.), acid and alkaline phosphatase activity of small intestinal mucosa, comparison of one infection (non-immune) vs. 3 successive infections (immune)

Eimeria tenella

Eimeria spp., chicks (exper.), no interference with overall intestinal absorption of 14C-glucose, results suggest probable compensatory absorption by sections of intestine unaffected by a specific coccidial infection
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Eimeria tenella

Oikawa, H.; and Kawaguchi, H., 1975, Kiseichugaku Zasshi (Japan J. Parasitol.), v. 24 (3), 99-106
Eimeria acervulina, E. tenella, chickens, effect of single vs. repeated vs. successive infections of mixed species on manifestation of symptoms, food intake and body weight gain, and oocyst production

Eimeria tenella

Olson, G.; et al., 1978, Poultry Science, v. 57 (5), 1245-1250
Eimeria spp. field isolates, chickens (exper.), arprinocid in comparison trials with marketed drugs, effective against all isolates tested including those refractory to many of the other products

Eimeria tenella

Onaga, H.; et al., 1978, Nippon Zyuissi-Kai Zasshi (J.Japan Vet. Med. Ass.), v. 31 (10), 592-596
Eimeria spp., chicks and cell cultures, monensin

[Eimeria tenella] E. tenella

[Eimeria tenella], chickens, 3,5-dinitrobenzamide having negative effect on schizonts and gamonts, but no effect on sporozoites; no effect on nucleic acids of endogenous stages shown

Eimeria tenella

Panitz, E., 1979, Parasitology, v. 78 (1), 33-40
Eimeria spp., chicks, anticoecidial efficacy and cross-resistance patterns of N,N'-bis(3,4-difluoromethylphenyl) methylmalonamide compound have no practical application because of weight gain depression

Eimeria tenella

Eimeria tenella, immunization and subsequent invasion, chicks, mitotic activity of thymus lymphocytes depressed, number of degenerative cell forms in thymus raised, changes correlated with increasing host age

Eimeria tenella

Eimeria tenella, E. acervulina, E. brunetti, polyvaccine tested, chicks maintained in battery cages or deep litter; simultaneous zoalene treatment efficacious in deep litter maintenance

Eimeria tenella

Eimeria tenella sporozoites in vitro, neutralized by immune serum and immune gammaglobulin, proof of specific antibodies in serum of immune birds

Eimeria tenella

Eimeria tenella, chickens, immunization using X-ray attenuated oocysts

Eimeria tenella

Patton, W. H.; and Brigan, G. P., 1979, J. Parasitosis, v. 65 (4), 526-530
Eimeria tenella, use of sodium taurodeoxycholate for excystation of sporozoites, far more effective than other bile salts or extracts or pooled chicken bile

Eimeria tenella

Perov, M. F., 1974, Parazitologiiia, Leningrad, v. 8 (5), 460-462
Eimeria tenella, fatty acid composition of lipids of oocysts and oocyst membranes

Eimeria tenella

Perov, M. F.; and Tal'drik, A. A., 1974, Parasitologiiia, Leningrad, v. 8 (4), 365-367
Eimeria tenella, amino acid content of oocysts and oocyst membranes

Eimeria tenella

Platz, S., 1977, Deutsche Tierarztl. Wchnschr., v. 84 (5), 178-180
Eimeria tenella, infectivity after short-time composting of poultry manure, chicks (exper.)

Eimeria tenella

Eimeria spp., chickens, stenorol prevents coccidiosis under laboratory and field conditions, during fattening period

Eimeria tenella

Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Eimeria tenella

Eimeria tenella, in vitro uptake of sporozoites by peritoneal exudate cells (macrophages and heterophils) from normal and immunized chickens, electron microscopy, greater uptake by cells from immunized birds but no difference in appearance of sporozoites; entry by phagocytosis

Eimeria tenella

Eimeria spp., chickens, anticoccidials, safe withdrawal times, effect on nutrient malabsorption
Eimeria tenella
Ruff, M. D.; et al., 1978, Avian Dis., v. 22 (1), 32-41
Eimeria spp., broilers (exper.), arprinocid, drug efficacy in both battery and floor-pen trials

Eimeria tenella
Ruff, M. D.; et al., 1979, Poultry Science, v. 58 (2), 298-303
Eimeria spp., battery raised broilers (exper.), narasin compared with monensin

Eimeria tenella
Ruff, M. D.; Anderson, W. I.; and Reid, W. M., 1978, J. Parasitology, v. 64 (2), 306-311
Eimeria spp. in broilers, arprinocid decreased number of oocysts produced, fewer of the oocysts sporulated, and those oocysts which did sporulate were less infective than those from unmedicated birds

Eimeria tenella
Eimeria spp. in broilers, severe infection increased prothrombin times compared with uninfected birds

Eimeria tenella
Ryley, J. F.; and Hardman, L., 1978, Parasitology, v. 76 (1), 11-20
Eimeria spp., chicks (exper.), effects of dietary vitamin K on severity of disease with particular attention to effects of vitamin K on response to anticoccidial drugs, concluded that use of vitamin K deficient diet for experimental work is quite justified

Eimeria tenella
Ryley, J. F.; and Wilson, R. G., 1978, Methods Cultiv. Parasites in Vitro, 111-128
cell and tissue culture of protozoa, review

Eimeria tenella
Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria tenella
Eimeria tenella, chicks (exper.), blood changes during course of infection

Eimeria tenella
Eimeria tenella, one-day-old chicks, reliable immunity within 5-6 days after low initial dose of oocysts

Eimeria tenella
Schindler, F.; et al., 1979, Poultry Science, v. 58 (1), 23-27
Eimeria spp., broiler chicken pen trials, arprinocid in feed highly effective prophylaxis, comparison with halofuginone, monensin, nicarbazin, and pancoxin: England; France; Germany

Eimeria tenella
Sevcik, B.; et al., 1974, Veterinaria, Praha, v. 16 (5-6), 421-588
Eimeria tenella, chickens, 613 substances screened as coccidiostats, extensive detailed statistical results

Eimeria tenella
coccidiosis, broilers, field trials of anticoccidials: CSSR

Eimeria tenella
Eimeria tenella, chickens (exper.), amprolium alone and with additional amounts of thiamine in feed mixture, evaluation of prophylactic use, thiamine contributes to lowered activity of amprolium

Eimeria tenella
Stoianov, P.; et al., 1978, Methods Parasitol., v. 48 (3), 325-330
Eimeria tenella, accumulation and retention of lasalocid and narasin by extracellular sporozoites

Eimeria tenella
Eimeria tenella, oocyst wall, lipid composition, carbohydrate composition, protein content, amino acid analysis, proposed organization of cell wall, results suggest explanation for physical and mechanical resistance of oocyst wall as well as possible mechanisms for excystation of sporulated oocysts

Eimeria tenella
Surkova, A. M., 1972, Parasitologiia, Lenigrad, v. 6 (2), 171-175
Eimeria tenella, E. mitis, chickens (exper.), changes in total, residual, and protein nitrogen content in liver, depends on stage of development of parasite, host age, and species of Coccidia
Eimeria tenella

Takhar, B. S.; and Farrell, D. J., 1979, Brit. Poultry Sc., v. 20 (2), 197-211

Eimeria acervulina- or E. tenella-infected chickens, energy and nitrogen metabolism

Eimeria tenella

Tamas, T.; et al., 1978, Poultry Science, v. 57 (2), 581-585

Eimeria acervulina, E. maxima, E. necatrix, E. tenella, arprinocid and dichloro analog L-628,914 in feed, decrease in oocysts' capacity to sporulate

Eimeria tenella

Timchenko, A. D., 1972, Parazitologiia, Leningrad, v. 6 (6), 509-512

Eimeria spp., survival of non-sporulated and sporulated oocysts on soil surface and at various depths under conditions prevailing in southern Ukraine during winter to spring period, implications for prophylaxis and control of coccidiosis

Eimeria tenella

Tsang, C. L., 1977, J. Agric. and Forest., v. 26, 1-11

Eimeria tenella, chickens, immunization using oocysts attenuated by chilling method

Eimeria tenella


Eimeria tenella, several breeds of chickens, resistance and susceptibility correlated with heredity: Taiwan

Eimeria tenella, illus.

Wang, C. C., 1978, Comp. Biochem. and Physiol., v. 61B (4), 571-579

Eimeria tenella, ribosomes, purification from oocysts, characterization, biochemical activity, pharmacological properties, all evidence demonstrates prokaryotic characteristics of these ribosomes and suggests that the parasite may be one of the most primitive eukaryotes

Eimeria tenella

Wang, C. C.; et al., 1979, Biochem. Pharmacol., v. 28 (15), 2249-2260

arprinocid inhibits hypoxanthine-guanine transport, may be mode of anticoccidial action

Eimeria tenella

Wang, C. C.; Simashkevich, P. M.; and Stotish, R. L., 1979, Biochem. Pharmacol., v. 28 (15), 2241-2248

Eimeria tenella, mode of anticoccidial action of arprinocid

Eimeria tenella


Eimeria tenella, multiple leucine aminopeptidases in oocysts, changes during sporulation

Eimeria tenella


Importance of local immunity in enteric infection, colloquium presentation with brief mention of Eimeria tenella

Eimeria tenella


Eimeria tenella, failure to experimentally infect Pavo cristatus

Eimeria tenella


Eimeria tenella, dietary aflatoxin, and combination of both, broiler chicks, prolongation of prothrombin time

Eimeria townsendi


endo-parasites of Lepus europaeus, seasonal dynamics, distribution according to locality, sex and age of host, economic importance of parasitism for regional hunting: Ostthuringen, DDR

Eimeria townsendi (Carvalho 1945) Pellerdy 1956, illus.

Samoil, H. P.; and Samuel, W. M., 1977, Canad. J. Zool., v. 55 (10), 1671-1683

synonymy, redescription, key Lepus americanus (feces): near Rochester, north-central Alberta

Eimeria uniungulati, illus.


morphology, biology horse: Yugoslavia

Eimeria ursini Supperer 1957

Barker, I. K.; Munday, B. L.; and Presidente, P. J. A., 1979, J. Parasitol., v. 65 (5), 451-456

"probability of misidentification of the type host" measurements Lasiorhinus latifrons (feces): South Australia

Eimeria utahensis, illus.

Ernst, J. V.; and Chobotar, B., 1978, J. Parasitol., v. 64 (1), 27-34

Eimeria utahensis, endogenous life cycle in Dipodomys ordii (exper.)

Eimeria zbekistanica sp. n., illus.

Davronov, O., 1973, Parazitologiia, Leningrad, v. 7 (1), 79-86

Meriones meridianus: Karshinsk and Ulyanovsk regions, Uzbek SSR

Eimeria variabilis (Thelohan, 1893) Reichenow, 1921, illus.

Davronov, O., 1973, Parazitologiia, Leningrad, v. 7 (1), 79-86

Cottus bubalis (pyloric caecum and rectum): Yugoslavia

Eimeria vermiciformis Ernst, Chobotar & Hammond, 1971, illus.


Eimeria vermiciformis, development from sporozoite to mature first-generation schizonts in cell cultures
Eimeria virginianus
Woolf, A.; and Harder, J. D., 1979, Wildlife Monogr. (67), 53 pp.
Odocoileus virginianus: Rachaelwood Wildlife Research Preserve, New Florence, Pennsylvania

Eimeria vulpis
Vulpes vulpes (mittleres Jejunum, Ileum, Rectum): Neusiedlerseegebiet, nordlichen Burgenland

Eimeria waiganiensis sp. n., illus.
Varghese, T., 1978, J. Parasitol., v. 64 (2), 312-314
Chalcophaps indica Otidiphaps nobilis (feces of both): both from Waigani area, University of Papua New Guinea

Eimeria wembati (Gilruth and Bull, 1912) comb. nov., illus.
Eimeria spp., calves, development of naturally acquired infection: Otago, New Zealand

Eimeria wembati (Gilruth and Bull, 1912) comb. nov., illus.
Eimeria spp., calves, development of naturally acquired infection: Otago, New Zealand

Eimeria wyomingensis
Cottelee, C.; and Fameree, L., 1978, Schweiz. Arch. Tierh., v. 120 (3), 149-156
Eimeria spp., cattle, rate of infestation: Belgium

Eimeria wyomingensis
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria yakinoffmatschoulskyi
Restani, R., 1974, Parassitologia, v. 16 (1), 83-86
capra (exper.)
agnello (exper.)
(Feces of all)

Eimeria zuerniaknabadsensis Yakimoff, 1931, illus.
Musaev, M. A.; and Mananowa, Sh. G., 1971, Parazitologiia, Leningrad, v. 5 (4), 310-315
Eimeria zuernabadsensis, valid species, not a synonym of Eimeria canadensis

Eimeria zuernii
Eimeria spp., cattle, rate of infestation: Belgium

Eimeria zuernii
Evplova, N. N.; and Nazarov, V. G., 1977, Veterinariia, Moskva (6), 65-66
Eimeria spp., calves, chemococcide effective; compared with biomycin and norsulfazol: Belgorodsk oblast

Eimeria zuernii
Fitzgerald, P. R.; and Mansfield, M. E., 1979, J. Parasitol., v. 65 (5), 824-825
Eimeria spp., calves (exper.), lasalocid

Eimeria zuernii, illus.
Fox, J. E., 1978, Mod. Vet. Pract., v. 59 (8), 599-603
bovine coccidiosis, review, emphasis on prevention and control; field tests, decocciate against Eimeria bovis and E. zuernii prevented clinical signs of disease with no observable signs of toxicity

Eimeria zuernii
Gobzem, V. R.; and Nazarov, V. G., 1978, Veterinariia, Moskva (3), 67-69
Eimeria spp., calves, diagnostic difficulties, clinical symptoms, chemophylactic substances tested at various dosages and in various combinations

Eimeria zuernii
Eimeria spp., cattle on rearing and fattening farms, intensity and extensity of infection in relation to certain environmental conditions: DDR

Eimeria zuernii
Eimeria spp., calves reared under conditions of industrialized cattle farming, course of infection, clinical symptoms, monthly distribution, control measures: DDR

Eimeria zuernii
Ryley, N. G.; and Ryley, J. F., 1978, Parasitology, v. 77 (1), 53-59
Eimeria, 10 spp., survival and viability of oocysts following prolonged exposure to saturated sodium chloride solution, additional observations on virulence of Eimeria tenella for chickens following such exposure, no evidence obtained to contraindicate use of salt-flotation methods for separation of oocysts from feces

Eimeria zuernii
Eimeria zuernii, calves (exper.), successful chemotherapy with amprolium or monensin, resistance to reinfection after chemotherapy

Eimeria zuernii, illus.
parasites of calves, diagnosis, pathology, therapy, review

Eimeria zuernii
gastrointestinal parasites, beef cows (feces), level of infection, effect of animal age and season of year: Mead, Nebraska
Eimeria zuernii
Zajicek, D.; et al., 1977, Veterinarstvi, v. 27 (11), 507-508
Eimeria spp., calves, prevalence in large-scale breeding

Encephalitozoon sp.
Canis lupus (feces): northeastern Minnesota

Eimeridae [sp.]
Pletcher, J.

Embryocola sp., illus.
Acanthocyclops vernalis

Embryocola sp.
Pseudoboecella silvestri: reservoir on King George Island, Southern Shetland Islands, Antarctica

Embryocola diflagellatus Mich. et Wita, illus.
Microcyclops varicaris

Embryocola sulcatus Mich.
Mesocyclops leuckarti: water body of Botanical Gardens, Brisbane and Melbourne, Australia

Encephalitozoon
"...continued use of 'nosema' as a synonym for 'encephalitozoon' is not in keeping with current knowledge"; morphologic differences and differing host specificities separate the two genera

Encephalitozoon [sp.]
Botha, W. S.; Van Dellen, A. F.; and Stewart, C. G., 1979, J. South African Vet. Ass., v. 50 (2), 133-144
Encephalitozoon [sp.], dogs (nat. and exper.), clinical, clinicopathological, macroscopic, and histopathological findings, electron microscopic and cultural confirmation, transmission experiment: South Africa

Encephalitozoon sp.
Hepatozoon sp., Encephalitozoon sp., mixed infection in Siberian ferret kits
Mustela iversmannii: Patuxent Wildlife Research Center, Laurel, Maryland

Encephalitozoon cuniculi
Bywater, J. E. C., 1979, Lab. Animals, v. 13 (2), 149-151
encephalitozoosis, discussion of reported human cases, doubt that is is zoonotic

Encephalitozoon cuniculi
Encephalitozoon cuniculi, existence in specific-pathogen-free rabbit colony, small-sized samples failed to reveal presence of infection with low prevalence, organism probably present in original stock of unit, possibility of establishing Encephalitozoon-free colony by culling all positive reactors using India ink immunoreaction test, incidence (familial, sexual, and age-related) and possible routes of transmission

Encephalitozoon cuniculi
Encephalitozoon cuniculi, specific pathogen-free rabbit colony, diagnosis by modified India ink immunoreaction test, eradication by culling of seropositive animals

Encephalitozoon cuniculi
Encephalitozoon cuniculi, 4 generations of a family of rabbits tested at different ages, antibody titres, distribution of histopathological lesions

Encephalitozoon cuniculi
Encephalitozoon cuniculi in rabbits, histopathology, value of serology (indirect immunofluorescence) in early diagnosis

Encephalitozoon cuniculi Levaditi, Nicolau § Schoen, illus.
Cox, J. C.; Hamilton, R. C.; and Atwood, H. D., 1979, J. Protozool., v. 26 (2), 260-265
Encephalitozoon cuniculi, rabbits infected orally, intratracheally, or intravenously, serum antibody levels, excretion of spores in urine, frequency of organisms in several organs and severity of lesions

Encephalitozoon cuniculi, illus.
Encephalitozoon cuniculi, rabbits (nat. and exper.), diagnosis, immunoperoxidase test, comparison with immunofluorescence test

Encephalitozoon cuniculi, illus.
Encephalitozoon cuniculi, wall structure of sporonts grown in human fibroblasts

Encephalitozoon cuniculi Levaditi, Nicolau, Schoen, 1923
Kaliakin, V. N.; and Slepchenko, A. R., 1971, Parazitologiia, Leningrad, v. 5 (6), 559-562
Encephalitozoon cuniculi, mice of several strains and substrains, no natural infections found, susceptibility to experimental infection, parasite virulence increases with mouse passage

Encephalitozoon cuniculi
Encephalitozoon cuniculi, detection of antibodies in rabbit sera, modified india-ink immuno-technique
Encephalitozoon cuniculi
Kellert, B. S.; and Bywater, J. E. C., 1979, Lab. Animals, v. 13 (3), 197-198

Encephalitozoon cuniculi technique for photographing india-ink immunoreaction

Encephalitozoon cuniculi

Encephalitozoon cuniculi, in vitro infectivity assay based on enumeration of lesions which appear as macroscopically distinct foci in cell cultures

Encephalitozoon cuniculi
Shadud, J. A.; et al., 1979, J. Parasitol., v. 65 (1), 123-129

Encephalitozoon cuniculi, infectivity of rabbit isolate for rabbits, mice, rats, and rhesus monkeys, macroscopic and microscopic lesions; infectivity of rabbit, mouse, and hamster isolates in cell culture and in mice

Encephalitozoon cuniculi, illus.

Encephalitozoon cuniculi in puppi (renal tubule cells, endothelial cells, brain), clinical signs, lesions, description of organism, immunofluorescence serology: Texas

Encephalitozoon cuniculi, illus.

Encephalitozoon cuniculi, rabbits, diagnosis, indirect microagglutination test

Encephalitozoon cuniculi
Shadud, J. A.; Kelsoe, G.; and Helmke, R. J., 1979, J. Parasitol., v. 65 (1), 185-188

Microspora spontaneously contaminating cell culture prepared from baboon placental cells, ultrastructurally identical to Encephalitozoon cuniculi and different from Nosema connorii

Encephalitozoon cuniculi
Shadud, J. A.; and Polley, M. B., 1978, J. Protozool., v. 25 (4), 491-496

Encephalitozoon cuniculi, propagation in vitro using rabbit choroid plexus (RCP) cells, some factors influencing infectivity and replication (passage level of organisms; passage level, age, and source of RCP cells; antibiotics; storage time and temperature including freezing; elevated temperature; chemical disinfectants; centrifugation; physical and chemical treatments)

Encephalitozoon cuniculi

Encephalitozoon cuniculi, survival of spores after exposure to various temperatures and disinfectants; growth-inhibition effect of drugs in cell cultures

Encephalitozoon (Nosema) cuniculi

Encephalitozoon cuniculi, rabbits, diagnosis, simple method for collection of blood on filter paper for india-ink immunoreaction

Encephalitozoon cuniculi

Encephalitozoon cuniculi, rabbits, humoral immune response following different routes of infection, india-ink immunoreaction test, indirect immunofluorescent antibody test, and immunodiffusion test, immunoglobulin classes involved, possible use of results in eradication program

Encephalitozoon cuniculi
Wilson, J. M., 1979, Research Vet. Sc., v. 26 (1), 114

Encephalitozoon cuniculi, presence of antibodies in blood of Oryctolagus cuniculus and Vulpes vulpes, india ink immunoreaction Vulpes vulpes (brain, ileum smooth muscle tissue): Chipping Norton in Oxfordshire

Endamoeba histolytica. See Entamoeba histolytica.

Endolimax sp

Human intestinal parasites, eggs and cysts from water used to irrigate vegetable gardens, increased risk of crop contamination in dry season: Ribeirao Preto, Sao Paulo, Brazil

E[ndolimax] nana

Human intestinal protozoa, modified Telemann and PAFS methods compared for diagnostic purposes

Endolimax nana
Bartlett, M. S.; et al., 1978, J. Clin. Microbiol., v. 7 (6), 524-528

Modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoan cysts and helminth eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-ZnSO4 compares favorably to FE method for detecting infections of clinical significance

Endolimax nana
Blecka, L. J., 1978, J. Parasitol., v. 64 (2), 362-363

Patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fecal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable

Endolimax nana

Giardia lamblia, Entamoeba spp., Endolimax nana, study of American college students who had high incidence of diarrheal disease while traveling in the Orient, findings suggest that G. lamblia and Entamoeba histolytica should be considered in differential diagnosis of gastrointestinal disease of travellers to the Orient
Endolimax nana
human intestinal parasites, evaluation of kerosene as substitute for ether in the formol-ether concentration diagnostic technique, morphology of ova and cysts equally well preserved by both techniques

Endolimax nana
Sargeaunt, P. G.; and Williams, J. E., 1979, Tr. Roy. Soc. Trop. Med. and Hyg., v. 73 (2), 225-227
pathogenic and non-pathogenic intestinal ameba of man, all species can easily be distinguished by characteristic electrophoretic isoenzyme patterns

Endolimax nana
Soto Travieso, R.; et al., 1977, Rev. Cubana Med. Trop., v. 29 (3), 115-120
human intestinal parasites, diagnosis, modified Baermann’s technique compared with standard diagnostic methods

Endolimax nana
enteric protozoa, Enterobius vermicularis, high rate of infection in homosexual men who practice anilingus: New York City

Endotrypanum
Williams, P.; and Coelho, M. de V., 1978, Advances Parasitol., v. 16, 1-42
Leishmania, taxonomy and nomenclature, Phelobotinae as hosts for Trypanosomatidae, review

Endotrypanum sp.
Zeledon, R.; Ponse, C.; and Murillo, J., 1979, J. Parasitol., v. 65 (2), 275-279
Bradyusp griseus
Choleopus hoffmanni (spleen) all from Costa Rica

Endotrypanum schaudiini Mesnil & Brimont, 1908, illus.
Endotrypanum schaudiini in Choleopus hoffmanni, infection acquired in laboratory-reared Lutzomyia sanguinaria, L. gomezi, and L. trapidoi during xenodiagnostic trials, infection rates and localization of flagellates in sand fly gut

Entamoeba
Cavier, R.; and Cenac, J., 1979, Therapie, v. 27 (4), 733-742
Trichomonas vaginalis, Entamoeba, in vitro and in vivo (rats, hamsters), efficacy of flunidazole compared with metronidazole

Entamoeba
Entamoeba histolytica and other anaerobic amoebae, cyttoplasmic inclusions, recent advances in cytochemistry and ultrastructure, role in physiology and pathogenesis, review

Entamoeba
biochemistry of parasitic protozoa, textbook: methodology; catabolism and generation of energy; nucleic acid metabolism; protein metabolism; biochemical mechanism of drug action; isolation of parasitic protozoa from infected animals; culture of parasitic protozoa

Entamoeba
demonstration of antibodies to Protozoa, extensive review

Entamoeba
Entamoeba, Giardia lamblia, Trichomonas vaginalis, cultivation, review

Entamoeba
Sebesteny, A., 1979, Lab. Animals, v. 13 (3), 189-191
intestinal protozoa, successful transmission to and establishment in specific-pathogen-free mice exposed to intestinal contents of infected hamsters

Entamoeba sp.
Atelopus moreirae: Veu da Noiva, Maromba, em Itatiaia, no Estado do Rio de Janeiro, Brasil

Entamoeba sp.
Papio ursinus (feces): Rhodesia, imported from Northern Transvaal

Entamoeba sp. (Laredo isolate), illus.
Injeyan, H.; Huebner, E.; and Meerovitch, E., 1979, J. Protozool., v. 26 (2), 253-259
Entamoeba sp. (Laredo isolate), morphologically distinct colchicine-resistant variant, properties compared to those of parent strain

Entamoeba sp.
human intestinal parasites, eggs and cysts from water used to irrigate vegetable gardens, increased risk of crop contamination in dry season: Ribeirao Preto, Sao Paulo, Brasil

Entamoeba sp.
enteroparasitic cysts and eggs, contamination of green vegetables and kitchen garden soils, epidemiological survey, most commonly found during dry-season when fecal polluted brooks were used for irrigation: Ribeirao Preto, Sao Paulo, Brasil
Entamoeba barreti
Entamoeba barreti, new medium for axenic cultivation

Entamoeba histolytica
Gillin, F. D.; and Diamond, L. S., 1978, J. Parasitol., v. 64 (2), 362-363
Entamoeba histolytica, other Entamoeba spp., technique for clonal growth in agar, possible use in drug testing

Entamoeba bovis, illus.
Kingston, N.; and Stabler, R. M., 1978, J. Parasitol., v. 64 (1), 14-16
brief description
captive Odocoileus virginianus (feces): Georgia

Entamoeba coli
Akhtaruzzaman, K. M.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (4), 524-528
comparison of different methods for detection of intestinal protozoa and helminths in human stool

Entamoeba coli
human intestinal protozoa, modified Teleman and PAFS methods compared for diagnostic purposes

Entamoeba coli
Bartlett, M. S.; et al., 1978, J. Clin. Microbiol., v. 7 (6), 524-528
modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoan cysts and helminth eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-ZnSO4, compares favorably to PE method for detecting infections of clinical significance

Entamoeba coli
patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fecal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable

Entamoeba coli
de Carneri, I.; and Grassi, L., 1974, Parasitologia, v. 16 (1), 79-81
Dientamoeba fragilis, Entamoeba histolytica, E. coli, prevalence in 500 individuals, taxonomic implications of differential drug sensitivity

Entamoeba coli
Chu, J. K., 1972, Taehan Uihak Hyophoe Chi (J. Korean Med. Ass.), v. 15 (8), 683-690
human parasites, differential diagnosis

Entamoeba coli
Giardia lamblia, Entamoeba spp., Endolimax nana, study of American college students who had had high incidence of diarrheal disease while traveling in the Orient, findings suggest that G. lamblia and Entamoeba histolytica should be considered in differential diagnosis of gastrointestinal disease of travellers to the Orient

Entamoeba coli
Engbaek, K., 1978, Ugeskr. Laeger, v. 140 (1), 14-17
Giardia lamblia and other intestinal parasites of children in day-nurseries and kindergartens, incidence, clinical symptoms, management: Denmark

Entamoeba coli
Engbaek, K.; and Larsen, S. O., 1979, Ugeskr. Laeger, v. 141 (17), 1128-1131
Giardia lamblia, Entamoeba coli, Trichuris trichiura, socio-epidemiological study of infected families, emphasis on living conditions, social standards, and clinical symptoms: Denmark

Entamoeba coli
Nesokia indica: Baghdad district, Iraq

Entamoeba coli
human intestinal parasites, comparison of Kato and Hoffman diagnostic methods; Kato method clearly superior only in detecting Trichocephalus trichiurus

Entamoeba coli
Entamoeba coli of human and primate origin, attempted transmission to specified-pathogen-free rodents, results indicate that rodent-human contact is probably not responsible for infiltration of SPF barriers mice (exper.), rats (exper.)

Entamoeba coli
human intestinal parasites, evaluation of kerosene as substitute for ether in the formalin-ether concentration diagnostic technique, morphology of ova and cysts equally well preserved by both techniques
Entamoeba histo1ytica

Blecka, L. J., 1978, J. Parasitol., v. 64 (2), 362-363

patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fecal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable

Entamoeba hartmanni


Giardia lamblia, Entamoeba spp., Endolimax nana, study of American college students who had had high incidence of diarrheal disease while traveling in the Orient, findings suggest that G. lamblia and Entamoeba histolytica should be considered in differential diagnosis of gastrointestinal disease of travellers to the Orient

Entamoeba histolytica


human intestinal parasites, evaluation of kerosene as substitute for ether in the formol-ether concentration diagnostic technique, morphology of ova and cysts equally well preserved by both techniques

Entamoeba histolytica

Sargeaunt, P. G.; and Williams, J. E., 1979, Tr. Roy. Soc. Trop. Med. and Hyg., v. 73 (2), 225-227

pathogenic and non-pathogenic intestinal amoeba of man, all species can easily be distinguished by characteristic electrophoretic isoenzyme patterns

Entamoeba histolytica

Abdus Sattar, A. M.; and Ahmad, S., 1979, Indian J. Exp. Biol., v. 17 (10), 1152-1153

Entamoeba histolytica, prolonged cultivation without frequent subculturing

Entamoeba coli

Bartlett, M. S.; et al., 1978, J. Clin. Microbiol., v. 7 (6), 524-528

modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoa cysts and helminth eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-ZnSO4, compares favorably to FE method for detecting infections of clinical significance

Entamoeba histo1ytica

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Entamoeba histolytica


human intestinal parasites, evaluation of kerosene as substitute for ether in the formol-ether concentration diagnostic technique, morphology of ova and cysts equally well preserved by both techniques

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Entamoeba histolytica, prolonged cultivation without frequent subculturing

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modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoa cysts and helminth eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-ZnSO4, compares favorably to FE method for detecting infections of clinical significance
Entamoeba histolytica
amoebiasis, human intestinal, surgical complications (fulminant infection, aneboa, appendicitis), clinical review

Entamoeba histolytica
intestinal parasites, school children, clinical studies with tinidazole and mebendazole: Institute Aguirre 'Patronato de la Infancia'

Entamoeba histolytica
Entamoeba histolytica, human infections in presence of intestinal complications as appendicitis, colitis, aneboanas, clinical management

Entamoeba histolytica
Toxoplasma gondii, Entamoeba histolytica, Trichinella spiralis, Echinococcus granulosus, human, diagnosis by enzyme-linked immunosorbent assay with a modified micro-method, parallel study by comparative serological tests

Entamoeba histolytica, illus.
Entamoeba histolytica, natural outbreak of amebic dysentery in colony of Ateles spider monkeys with severe hepatic abscesses in many, may provide valuable model host: primate colony, Patuxent Wildlife Research Center, Laurel, Maryland

Entamoeba histolytica
Apt, W.; et al., 1976, Rev. Med. Chile, v. 104 (11), 791-793
Entamoeba histolytica, human intestinal amoebiasis, successful treatment with tinidazole

Entamoeba histolytica
human intestinal protozoa, modified Telemann and PAFS methods compared for diagnostic purposes

Entamoeba histolytica
human amoebic hepatic abscess, analysis of 7 cases, clinical features, diagnosis, therapy: Santiago, Chile

Entamoeba histolytica
Entamoeba histolytica, humans, pathology, complications, surgical management, review

Entamoeba histolytica
Argiolas, N.; et al., 1974, Rassegna Med. Sarda, v. 77, n.s., v. 26 (3), 221-260
Entamoeba histolytica, human, extensive historical and diagnostic review, clinical aspects, epidemiology, pathology

Entamoeba histolytica
Entamoeba histolytica, human hepatic abscess, single course of metronidazole plus closed aspiration of abscess, clinical trials, treatment well tolerated without side effects: Siriraj Hospital

Entamoeba histolytica
Entamoeba histolytica, invasive intestinal infection in nursing infants, statistics of 30 cases, metronidazole therapy: Chile

Entamoeba histolytica, illus.
Entamoeba histolytica, distribution and redistribution of antigen determinants and Con A receptors on surface, reappearance of antigen, effect of metabolic inhibitors and pH on ligand induced redistribution, capping and endocytosis in phagocytizing amoebae and influence of inhibitory compounds, variation of expression of surface antigens

Entamoeba histolytica
parasitic infestations in children, effect on intestinal absorption as determined by assay of fasting serum carotene and vitamin A levels and by vitamin A tolerance tests: Orphanage Institute of Giza and El-Zeitoun, Egypt

Entamoeba histolytica
Bailenger, J.; et al., 1972, Therapeutique, v. 48 (2), 117-128
dangers of cortisone therapy in the presence of human parasitic pathology, clinical review

Entamoeba histolytica
Band, R. N.; and Cirrito, H., 1979, J. Protozool., v. 26 (2), 282-286
Entamoeba histolytica in axenic culture, growth response to hydrogen, carbon dioxide, and oxygen

Entamoeba histolytica
human intestinal amoebiasis, clinical trials testing the therapeutic effectiveness of tinidazole, recommended for individual and mass therapy because of ease of administration and virtual absence of side effects
Entamoeba histolytica


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

Entamoeba histolytica

Bartlett, M. S.; et al., 1978, J. Clin. Microbiol., v. 7 (6), 524-528

modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoan cysts and helmhinh eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-ZnSO₄ compares favorably to FE method for detecting infections of clinical significance

Entamoeba histolytica


Entamoeba histolytica, in vitro effect of Euphoria hirta extracts, good prospects

Entamoeba histolytica, illus.

Beaver, P. C.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (6), 1133-1136

Entamoeba histolytica, 4-month-old girl, infection of skin of eyelid with extension into orbit, case report: Colombia

Entamoeba histolytica


Entamoeba histolytica, human, analysis of secondary pulmonary infections of amoebiasis, diagnosis, case reports

Entamoeba histolytica


intestinal and hepatic parasites, nitroheterocyclic antiparasitics, laboratory studies of chemotherapeutic activity and toxicity in exper. animals

Entamoeba histolytica, illus.

Benitez Soto, L., 1974, Semana Med. Mexico (1034), an. 21, v. 81 (10), 293-305

Entamoeba histolytica, human, epidemiology, pathology, diagnosis, review

Entamoeba histolytica

Berkovits, L., 1975, Magy. Radiol., v. 27 (5), 285-289

Entamoeba histolytica, colitis, humans, pathologic changes determined by radiologic means

Entamoeba histolytica


Entamoeba histolytica, woman with hemorrhagic recto-colitis and ichthyosis associated with intestinal amoebiasis, additional severe resistance to various amoebicidal drugs, case report

Entamoeba histolytica

Beurier, J., 1974, Rev. Infirm. Afrique Noire (24), 5-15

Entamoeba histolytica, human amoebic dysentery, brief clinical review

Entamoeba histolytica


[Letter]

Entamoeba histolytica-associated rectal prolapse in children, di-iodoquine and metronidazole

Entamoeba histolytica

Blecka, L. J., 1978, J. Parasitol., v. 64 (2), 562-563

patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fecal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable

Entamoeba histolytica


human intestinal parasites, review of parasites frequently encountered in Latin American countries, suggestions for management, possible control measures

Entamoeba histolytica

Blom, M.; Prag, J. B.; and Nørredam, K., 1979, Am. J. Trop. Med. and Hyg., v. 28 (1), 76-83

intestinal parasites, children from Vietnam-Cambodia at and after arrival in Denmark, α₁-acid glycoprotein, α₁-antitrypsin, and ceruloplasmin concentrations, eosinophilia, sedimentation rates, effect of T.A.B.-cholera vaccination

Entamoeba histolytica, illus.


Entamoeba histolytica, man, left upper lobe lung amoebic abscess without established hepatic amoebiasis: South Africa

Entamoeba histolytica

Bodner, A., 1979, Trop. Doctor, v. 9 (4), 150-151

Entamoeba histolytica, Peace Corps volunteers, main cause of symptomatic illness rather than Giardia lamblia as volunteers commonly thought, epidemiologic significance: Nepal

Entamoeba histolytica

Boggs, C. H.; and Chakravorty, R. C., 1979, Virginia Med., v. 106 (9), 674-675

Entamoeba histolytica, 56-year-old male, necrotizing amebic colitis and perforated colon, case report, successful treatment with surgery, metronidazole, tetracycline: Virginia
Entamoeba histolytica

Parasites of the human uro-genital tract: suggested therapeutic measures, review of drugs currently in use

Entamoeba histolytica

Entamoeba histolytica, Fasciola hepatica, Echinococcus granulosus, human hepatic forms, therapeutic aspects compared

Entamoeba histolytica

Bouree, P.; et al., 1974, Rev. Med. Alpes Franc., v. 3 (8), 321-323
Entamoeba histolytica hepatic abscess, man, presentation as hepatic echinocecosis, differential diagnosis and post-surgical follow-up using the indirect immunofluorescence test, case report

Entamoeba histolytica

Entamoeba histolytica, man, pulmonary amoebiasis, differential diagnosis, case report: India

Entamoeba histolytica

Entamoeba histolytica, antigenic composition of axenically cultivated strains, fractionation and serological characterization

Entamoeba histolytica

Entamoeba histolytica, cytopathogenicity of intact amebae and cell-free extracts, isolation and characterization of intracellular toxin

Entamoeba histolytica

Entamoeba histolytica, E. invadens, correlation between cytopathogenic effects of trophozoites and their soluble extracts, presence of fetal calf serum largely inhibited cell damage

Entamoeba histolytica

Cryopreservation of parasitic protozoa

Entamoeba histolytica

Entamoeba histolytica, human, clinical trials testing efficacy of metronidazole combined with diiodohydroxyquinoline

Entamoeba histolytica

Chemotherapy of common intestinal protozoan and helminth infections in humans, review of antiparasitic drugs in current use

Entamoeba histolytica

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

Entamoeba histolytica

Burden, E. J.; et al., 1979, Experientia, v. 35 (1), 33-35
Entamoeba histolytica, rats, hamsters, potent activity of bisamidines of 2,6-diaminoanthraquinone

Entamoeba histolytica

Entamoeba histolytica, Giardia intestinalis, Ascaris lumbricoides, Hymenolepis nana, listed as etiologic agents of human diarrheal syndrome

Entamoeba histolytica

Entamoeba histolytica, comparison of efficacy of nifuratel and other amoebicides using material cultured from intestinal ulcers of patient with intestinal symptomatic amoebiasis
Entamoeba histolytica
Trichomonas vaginalis, Giardia lamblia, Entamoeba histolytica, humans, clinical trials testing efficacy of tinidazole therapy

Entamoeba histolytica
shigellosis, humans, more severe infection if associated with Schistosoma mansoni or Entamoeba histolytica: Madagascar

Entamoeba histolytica
de Carneri, L.; and Grassi, L., 1974, Parasitologia, v. 16 (1), 79-81
Dientamoeba fragilis, Entamoeba histolytica, E. coli, prevalence in 500 individuals, taxonomic implications of differential drug sensitivity

Entamoeba histolytica
Entamoeba histolytica, toxoplasma gondii, humans, serological survey using indirect hemagglutination test, prevalence of antibody titers by host age, sex, and village (altitude): Malili area, South Sulawesi, Indonesia

Entamoeba histolytica, illus.
Entamoeba moshkovskii and free-living amoeba of Hartmannella-naegleri group, ultrastructural comparisons

Entamoeba histolytica
Strongyloidiasis, fatal severe human infections with concomitant severe intestinal amoebiasis discovered at autopsies, possibly a result of interference with host defenses

Entamoeba histolytica
Cavier, R.; et al., 1979, Ann. Pharm. Franc., v. 37 (7-8), 309-312
Trichomonas vaginalis, Entamoeba histolytica, rats, 2-nitrobenzofuran derivatives compared with metronidazole

Entamoeba histolytica
Entamoeba histolytica, human, continuing public health problem, prevalence, clinical aspects, review: Mexico

Entamoeba histolytica
Entamoeba histolytica, strain Eh 1 isolated from woman with acute infection, virulence in laboratory animals and utilization in drug screening in hamsters

Entamoeba histolytica
Entamoeba histolytica, antigenic analysis of 2 strains (MT-31 and HK-0) by 2-dimensional immunoelectrophoresis, cross-reactions showed large number of shared antigens between strains

Entamoeba histolytica
Chiari, L.; Guerrero, J.; and dos Santos, C. M., 1978, Ztschr. Parasitenk., v. 56 (2), 107-114
Entamoeba histolytica, experimental muscular infection in hamsters, pathology, metronidazole trial; useful biological model, particularly for chemotherapy studies

Entamoeba histolytica
Chu, J. K., 1972, Taehan Uihak Hyophoe Chi (J. Korean Med. Ass.), v. 15 (8), 685-690
human parasites, differential diagnosis

Entamoeba histolytica
Combescot, C.; and Duong, T. H., 1977, Rev. de Med., Paris, v. 18 (25), 1231-1234
Entamoeba histolytica, human amoebic colitis, recommendations for therapy

Entamoeba histolytica
Entamoeba histolytica, pregnant woman, rupture of hepatic amoebic abscess, guidelines for management: South Africa

Entamoeba histolytica
Entamoeba histolytica, humans, epidemiology, diagnostic methods, review

Entamoeba histolytica
Cuvron, A.; et al., 1972, Rev. Gastroenterol. Mexico (219), v. 37, 129-135
Human amoebic hepatic abscess, diagnosis using 113m indium colloid or non-ionic 113m indium, carrier free; more detailed picture and more precise information obtained with non-ionic form

Entamoeba histolytica
Entamoeba histolytica, comparative epidemiological survey, rural vs. urban areas, highest prevalence directly related to lowest sanitary conditions, clinical manifestations, associated parasitism: Brazil

Entamoeba histolytica
Entamoeba histolytica, human intestinal infections, clinical trials with R.P. 14539

Entamoeba histolytica
Entamoeba histolytica, patients from 3 geographic areas, endoscopic study of intestinal infections, histopathology, patients with symptoms vs. those without symptoms: Brazil

Entamoeba histolytica
Entamoeba histolytica, infected patients from 3 geographic areas, results of latex agglutination and agar gel diffusion tests in patients with symptoms vs. those without symptoms: Brazil
Entamoeba histolytica


Entamoeba histolytica, axenically grown parasites, revival of pathogenicity for the rat, prolonged amoeba-bacteria association is required, simple addition of fresh bacteria to amoeba inoculum is not enough

Entamoeba histolytica


Entamoeba histolytica, axenically grown, amoebicidal activity of metronidazole reduced in vitro by intestinal bacteria

Entamoeba histolytica


Trichomonas vaginalis, Entamoeba histolytica, 6'-hydroxy analogue of sisomicin, antiprotozoal activity demonstrated in laboratory trials; no activity against Histomonas meleagridis and no antithelmintic activity observed

Entamoeba histolytica, illus.


Entamoeba histolytica, human, extensive clinical review

Entamoeba histolytica


Entamoeba histolytica, human, clinical forms, diagnosis, treatment, review

Entamoeba histolytica, illus.


Entamoeba histolytica, new methods of diagnosis and treatment with emphasis on the indirect hemagglutination test and metronidazole

Entamoeba histolytica


human malarious and amoebiasis, brief review of current diagnostic methods

Entamoeba histolytica

Dehesa, M.; Cario, Α.; and Wolpert, E., 1975, Rev. Invest. Clin., v. 27 (2), 129-133

Entamoeba histolytica, statistics of retrospective study of patients with hepatic abscesses: symptoms, clinical aspects, diagnostic measures, therapy

Entamoeba histolytica, illus.

Del Cas, E.; et al., 1979, Lille Med., 3.s., v. 24 (9), 701-702

Entamoeba histolytica, 81-year-old woman, rectal amoebiasis associated with rectal neoplasm, case report: Nord de la France

Entamoeba histolytica


Entamoeba histolytica, patients, metronidazole: Mexico City

Entamoeba histolytica


Entamoeba spp., new medium for axenic cultivation

Entamoeba histolytica-like amoebae (Laredo type)


Entamoeba spp., new medium for axenic cultivation

Entamoeba histolytica

Dimmock, J. R.; Smith, P. J.; and Tsui, S. K., 1979, J. Pharm. Sc., v. 68 (7), 866-871

antimicrobial and antineoplastic activity of benzylfluorenyl and 1-arylethyl quaternary ammonium salts, synthesis and evaluation

Entamoeba histolytica


Entamoeba histolytica and other anaerobic amoebae, cytoplasmic inclusions, recent advances in cytochemistry and ultrastructure, role in physiology and pathogenesis, review

Entamoeba histolytica


Entamoeba histolytica, influence of pH on amoebicidal activity of 6 systemically active amoebicides against axenically grown parasites, results indicate that acidic pH in amoebic liver abscesses may account for some therapeutic failures

Entamoeba histolytica


Entamoeba histolytica, human, immunodiagnosis, comparative evaluation of tests, review

Entamoeba histolytica


Giardia lamblia, Entamoeba spp., Endolimax nana, study of American college students who had had high incidence of diarrheal disease while traveling in the Orient, findings suggest that G. lamblia and Entamoeba histolytica should be considered in differential diagnosis of gastrointestinal disease of travellers to the Orient

Entamoeba histolytica


amoebiasis, serodiagnosis, review

Entamoeba histolytica


diffusion-in-gel-enzyme-linked-immunosorbent assay as simple method for quantitation of class-specific antibodies, applicability to several serological systems of diagnostic relevance including patients with schistosomiasis and amoebiasis

Entamoeba histolytica

Engbaek, K., 1978, Ugeskr. Laeger, v. 140 (1), 14-17

Giardia lamblia and other intestinal parasites of children in day-nurseries and kindergartens, incidence, clinical symptoms, management: Denmark
Entamoeba histolytica
Entner, N., 1979, J. Protozool., v. 26 (2), 324-328
Entamoeba histolytica, emetine binding to ribosomes, inhibition of protein synthesis and amoebicidal action, capacity to bind emetine is index of drug resistance

Entamoeba histolytica
amoebic pericarditis, man, case report, clinical aspects

Entamoeba histolytica
Faber, P. F.; et al., 1978, J. Med. Chem., v. 21 (3), 273-276
Entamoeba histolytica, diaminoanthraquinone bisamidines, laboratory trials comparing activity against cecal form in rats and hepatic form in golden hamsters with activity of known amoebicides

Entamoeba histolytica
Farré, Z.; Trabolsi, B.; and Watten, R. H., 1979, Current Therapy (Conn), 1-3
Entamoeba histolytica, human, treatment, review

Entamoeba histolytica
Entamoeba histolytica, simple technique for obtaining clone cultures by microisolation

Entamoeba histolytica
Entamoeba histolytica, liver auto-antibodies in sera from both naturally infected humans and immunized rabbits

Entamoeba histolytica
protozoa, techniques for microscopical diagnosis

Entamoeba histolytica
new technique of heterogenous enzyme-linked immunosorbent assay (stick-ELISA), application to antigens of various infective agents (including Entamoeba histolytica, Toxoplasma gondii, Echinococcus spp., Schistosoma mansoni)

Entamoeba histolytica
enteric human pathogens, sexual transmission, higher prevalence among homosexual males, public health aspects

Entamoeba histolytica
human malaria and amoebiasis, brief review of current therapeutic and prophylactic measures

Entamoeba histolytica
Fernex, M., 1979, Therap. Umschau, v. 36 (3), 205-210
tropical protozoan diseases, humans traveling to endemic areas, preventive measures, review

Entamoeba histolytica
Entamoeba histolytica, school children, mass therapy with amoebicide 2004, well tolerated, good results

Entamoeba histolytica
human intestinal amoebiasis, clinical trials with nifuratel, 70% cure with good tolerance and no side effects

Entamoeba histolytica
Fleischer, N. K. F., 1979, Med. Welt., v. 30 (44), 1625-1627
parasitic tropical diseases, humans, central nervous system involvement, clinical review

Entamoeba histolytica
amoebiasis, human intestinal, tecnolzan for both diagnostic and therapeutic purposes in instances of diagnostic problems and persistent chronic infections, case reports

Entamoeba histolytica
Entamoeba histolytica, humans, review of currently available diagnostic methods (fecal examination, search for trophozoites in body exudates and fluids, seroimmunologic methods)

Entamoeba histolytica
Entamoeba histolytica, man, hepatic abscess complicated by pneumopericardium, case report of fatal infection

Entamoeba histolytica
Entamoeba histolytica, humans, pathogenicity, efficacy and toxicity of various drugs, recommended treatment for various forms of amoebiasis

Entamoeba histolytica
Gambarcella, A.; et al., 1973, Riforma Med., v. 87 (25), 992-1002
Entamoeba histolytica, human, development of cutaneous infection after surgical treatment of amoebic hepatitis with involvement of the peritoneum, complete recovery after metronidazole therapy: Pomigliano d'Arco, Italy

Entamoeba histolytica
Entamoeba histolytica, quantitative levels of immunoglobulins (IgG, IgM and IgA) and complement (C3 and CH50) estimated in persons with amoebic abscesses or amoebic colitis, values compared with normal controls, prognostic values of these parameters discussed
Entamoeba histolytica
Entamoeba histolytica: cellular reactions to amoebic antigen in patients with amoebic liver abscess and intestinal amoebiasis

Entamoeba histolytica
Entamoeba histolytica, isolation of antigen fraction responsible for delayed hypersensitivity in amoebiasis, macrophage migration inhibition

Gillin, F. D.; and Diamond, L. S., 1978, J. Protozool., v. 25 (4), 539-543
Entamoeba histolytica, other Entamoeba spp., technique for clonal growth in agar, possible use in drug testing

Entamoeba histolytica
Identification of economically important parasites (use of anatomical, biochemical, and behavioral tests), brief review

Entamoeba histolytica
Gold, D.; et al., 1978, J. Parasitol., v. 64 (5), 937-938
Entamoeba histolytica, susceptibility of various strains of mice to liver inoculation, infections were obtained in 6 of 9 strains but no strain was consistently susceptible

Entamoeba histolytica, illus.
Entamoeba histolytica, infection of vulva of 4-month-old child, clinical case report: Cuba

Entamoeba histolytica
Entamoeba histolytica, Giardia lamblia, diarrhea, prevention and therapy, review

Entamoeba histolytica
Entamoeba histolytica, 17-year-old boy, acute diarrhea, concomitant infection with 2 Shigella strains, history, management, clinical course: Louisiana

Entamoeba histolytica
Human amoebiasis, clinical findings, brief review

Entamoeba histolytica
Gyr, K.; Wenger, J. P.; and Degremont, A., 1979, Therap. Umschau, v. 36 (3), 241-245
Entamoeba histolytica, human intestinal, differentiation from functional postdysenteric colitis
Entamoeba histolytica
human amoebiasis and malaria, increasing incidence in non-endemic areas, epidemiologic review

Entamoeba histolytica
Haidar, Z.; and Fayyaz, A., 1978, J. Trop. Med. and Hyg., v. 81 (1), 13-15 Entamoeba histolytica, latex agglutination test in persons with chronic obscure liver enlargement tentatively diagnosed as chronic non-suppurative amoebic hepatitis showed positive results in only 18%, existence of this diagnostic entity questioned: Pakistan

Entamoeba histolytica
Hansen, N. P.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (3), 609-615 amebic dysentery not found in 77 indigenous African adults with acute diarrhea: Kenyatta National Hospital, Nairobi, Kenya

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica
Harrison, H. R.; Crowe, C. P.; and Fulginiti, V. A., 1979, Pediatrics, Am. Acad. Pediat., v. 64 (6), 923-928 Entamoeba histolytica, children, hepatic abscesses, clinical and epidemiologic features, case reports

Entamoeba histolytica

Entamoeba histolytica
Hatchuel, W., 1975, South African Med. J., v. 49 (45), 1879-1881 Entamoeba histolytica, patients with amoebic liver abscesses, tinidazole vs. metronidazole, equally efficacious

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica
Huld, G.; et al., 1979, Nature, London (5693), v. 277, 214-216 Entamoeba histolytica activates complement by the alternative pathway and can be lysed by the reaction products, relevance of these observations to pathogenesis of amoebiasis is not yet known

Entamoeba histolytica
Imphiosen, E. A. E.; and Adadevoh, B. K., 1979, Niger. Med. J., v. 9 (4), 487-491 parasitic infestations in women using different types of contraceptive devices compared with women using no devices and with males, results correlated with haemoglobin levels of all groups, only malaria of anaemia-inducing infections occurred with significant variation, course of infections may be enhanced by presence of contraceptives

Entamoeba histolytica

Entamoeba histolytica
Jaouni, K. C., 1979, Exp. Parasitol., v. 47 (1), 54-64 Entamoeba histolytica, genetic control of susceptibility in chicken eggs

Entamoeba histolytica
Jervis, H. R.; and Takeuchi, A., 1979, Am. J. Path. (440), v. 94 (4), 1378-1380 Entamoeba histolytica, germfree guinea pigs, pathological changes, usefulness as an animal model

Entamoeba histolytica

Entamoeba histolytica
Johnson, C. M., 1977, Rev. Med. Panama, v. 2 (3), 141-144 human meningocencephalitis previously diagnosed by Herrera (Arch. Med. Panamenos, v. 1, 1952) as caused by Endamoeba histolytica is correctly diagnosed as resulting from infection with a species of Naegleria, opinion based on history, clinical course, morphology of amoeba and pathology: Panama

Entamoeba histolytica

Entamoeba histolytica
Entamoeba histolytica
Entamoeba histolytica, suggested use of lumencidal agents such as diloxanide furoate or diphenarsone in asymptomatic patients who are passing non-hematophagous trophozoites in stool rather than using more toxic tissue-cidal agents such as metronidazole or dehydroemetine

Entamoeba histolytica
Khan, A.; and Mujib, B., 1979, JPMA, v. 29 (12), 268-270
Entamoeba histolytica, humans, serological diagnosis by gel diffusion

Entamoeba histolytica, illus.
bilharzial and amoebic granulomatous lesions of the cervix uteri, incidence in South African Blacks, clinical presentation, macroscopic and microscopic features: Baragwanath Hospital

Entamoeba histolytica, illus.
Entamoeba histolytica, epidemiologic investigations of suspected foci of human amebiosis occurring in the United States from 1971-1974, findings suggest diagnostic problems and misdiagnosis, suggests that stool examinations be supplemented with serology and microscopic diagnosis

Entamoeba histolytica
Entamoeba histolytica, human amebiosis, review of current concepts: clinical manifestations, virulence factors, microscopic and serologic diagnostic tests, epidemiology, therapeutic recommendations

Entamoeba histolytica
Entamoeba histolytica, immunity, review

Entamoeba histolytica
Entamoeba histolytica, human, diagnosis, gel diffusion vs. immunofluorescence

Entamoeba histolytica
human hepatic amebiosis, alpha-feto-protein present in serum of 45 infected patients; this normally fetal protein possibly present because of regenerating liver tissue

Entamoeba histolytica
Entamoeba histolytica, intestinal infection in infants and young children, epidemiologic survey, clinical and therapeutic aspects: Mexico

Entamoeba histolytica
Entamoeba histolytica, hepatic abscess, patients seen in emergency clinics, clinical data helpful in establishing a diagnosis, important guides to prognosis: Mexico

Entamoeba histolytica
human respiratory infections which require surgical management, includes information on pleuropulmonary amebiasis

Entamoeba histolytica
Entamoeba histolytica, humans, diagnosis, comparison of results using passive latex agglutination and agar gel precipitation

Entamoeba histolytica
Entamoeba histolytica, pyruvate-to-ethanol pathway

Entamoeba histolytica
Lo, H. S.; and Reeves, R. E., 1979, Am. J. Trop. Med. and Hyg., v. 28 (2), 194-197
Entamoeba histolytica, axenic culture, riboflavin requirement

Entamoeba histolytica
Lo, H. S.; and Reeves, R. E., 1979, Exper. Parasit., v. 47 (2), 180-184
Entamoeba histolytica, flavins in axenic organisms and in growth medium, demonstration of in vivo biosynthesis of flavin nucleotides from riboflavin

Entamoeba histolytica
Entamoeba histolytica, DNA content could help to distinguish these species despite variation

Entamoeba histolytica
Lopez-Revilla, R.; and Gomez, R., 1978, Exper. Parasitol., v. 44 (2), 243-248
Entamoeba histolytica strains, E. invadens, E. moshkovskii, fluctuations of DNA content of axenic trophozoites, variations generally but not always occurred within a range characteristic of each species, possible causes of variation, estimation of DNA content could help to distinguish these species despite variation
Entamoeba histolytica
Entamoeba histolytica, technical hamster liver passage enhances virulence of axenically cultured trophozoites, statistical analysis

Entamoeba histolytica
Entamoeba histolytica, technique for demonstrating and measuring cytotoxic activity of cell-free extracts prepared from combined parasite strains

Entamoeba histolytica
Lushbaugh, W. B.; et al., 1979, J. Infect. Dis., v. 139 (1), 9-17
Entamoeba histolytica, cytotoxin-enterotoxin from axenically cultivated trophozoites, demonstration, characterization, and partial purification

Entamoeba histolytica, illus.
Lushbaugh, W. B.; and Pittman, F. E., 1979, J. Protozool., v. 26 (2), 186-195
Entamoeba histolytica, filipodia, microscopic observations, possible functions

Entamoeba histolytica, illus.
Entamoeba histolytica trophozoites in contact with tissue culture cells with intact cell membranes, transmission electron microscopy of phagocytosis, attachment, endoplasmic streaming, and micropseudopodia

Entamoeba histolytica, illus.
Entamoeba histolytica, E. invadens, trophozoites, localization of thiamine pyrophosphatase activity within cytoplasmic fine structure

Entamoeba histolytica
McCort, J. J., 1975, Seminars Roentgenol., v. 8 (4), 389-405
acute hepatobiliary disease, humans, radiologic aspects, diagnosis, includes information on Ascaris lumbricoides and Entamoeba histolytica

Entamoeba histolytica
Entamoeba histolytica, inorganic pyrophosphatase, nucleoside diphosphatase, properties, subcellular localization

Entamoeba histolytica
Entamoeba histolytica, usefulness of modified Stuart medium as transport medium for fecal samples and maintenance medium for laboratory strains (eliminates repeated subcultures)

Entamoeba histolytica
Entamoeba histolytica, humans, diagnostic value of counter-immunoelectrophoresis in comparison to complement fixation, indirect haemagglutination, and latex agglutination tests

Entamoeba histolytica
Entamoeba histolytica, children with acute intestinal amebiasis, counterimmunoelectrophoresis reaction over course of infection, limitations of this test show that diagnosis must still depend on demonstration of trophozoites in stool

Entamoeba histolytica
enteroparasites, 2 population groups, factors involved in dissemination (sanitation, social, economic and cultural standards, dietary habits): city of Ribeirao Preto, Sao Paulo, Brazil

Entamoeba histolytica
Entamoeba histolytica, human, comparative trial of 4 amoebicide regimes, recommendations for use in tropical rural hospital: Zaire

Entamoeba histolytica
Entamoeba histolytica, rapid in vitro assay for cytopathogenicity of axenically cultivated strains, results compared with in vivo virulence assays

Entamoeba histolytica
Entamoeba histolytica, viral conversion of virulence, data indicate that amebae surviving virus infection may be increased, decreased, or unaltered in virulence unrelated to virulence of amebal strain serving as viral donor

Entamoeba histolytica
Entamoeba, Giardia lamblia, Trichomonas vaginalis, cultivation, review

Entamoeba histolytica
Entamoeba histolytica, restoration of virulence of two axenic strains by means of incorporation of cholesterol into culture medium
Entamoeba histolytica

human amoebiasis, comparative survey of individuals from Calcutta (India), Bangkok (Thailand), Medellin (Colombia), and San Jose (Costa Rica), correlation of clinical, parasitological and serological data from persons with different manifestations of infection

Entamoeba histolytica, illus.

Entamoeba histolytica, human hepatic abscess, symptoms, diagnosis, medical management, suggested therapy

Entamoeba histolytica, illus.

Michel, R.; and Hohmann, R., 1979, Ztschr. Parasitenk., v. 60 (2), 123-133
Entamoeba histolytica, attachment to glass surfaces at different temperatures and pH values and in presence of cytochalasin B, colchicine, and vinblastine

Entamoeba histolytica, illus.

Misra, M. K.; et al., 1979, J. Indian Med. Ass., v. 73 (1), 6-8
amoebic hepatic abscesses, humans, diagnosis, clinical features of 50 cases: India

Entamoeba histolytica, illus.

Entamoeba histolytica, axenically grown trophozoites, formation of round bodies or 'precysts', effect of bacterial endotoxins, starch, and epinephrine

Entamoeba histolytica, illus.

Entamoeba histolytica, human, evaluation of agar-gel diffusion test for sero-diagnosis of invasive amoebiasis, comparison with results using indirect hemagglutination test, agar-gel test recommended for routine use when more sophisticated methods are not readily available

Entamoeba histolytica

Entamoeba histolytica, humans with symptomatic and asymptomatic amoebiasis, comparative evaluation of parasitological and serological diagnostic techniques

Entamoeba histolytica, illus.

intestinal amoebiasis, human, cicatricial stricture and other surgical pathology, surgical management, need for correct preoperative diagnosis and antiameobic therapy stressed

Entamoeba histolytica

Entamoeba histolytica, humans, diagnosis of invasive infection using a simple and rapid latex-agglutination test

Entamoeba histolytica

Morris, M. N.; Powell, S. J.; and Elsdon-Dew, R., 1971, v. 45 (42), 1206-1208
Entamoeba histolytica, human invasive amoebiasis, diagnosis, latex agglutination test, not useful as index of severity of disease but useful as evidence of presence of infection

Entamoeba histolytica

Entamoeba histolytica, humans, diagnosis of invasive infection using a simple and rapid latex-agglutination test

Entamoeba histolytica

Morris, M. N.; Powell, S. J.; and Elsdon-Dew, R., 1971, v. 45 (42), 1206-1208
Entamoeba histolytica, human invasive amoebiasis, diagnosis, latex agglutination test, not useful as index of severity of disease but useful as evidence of presence of infection

Entamoeba histolytica

Morris, M. N.; Powell, S. J.; and Elsdon-Dew, R., 1971, v. 45 (42), 1206-1208
Entamoeba histolytica, human invasive amoebiasis, diagnosis, latex agglutination test, not useful as index of severity of disease but useful as evidence of presence of infection
Entamoeba histolytica
Pawlowski, Z.; and Kociecka, W., 1979, Polski Tygod. Lekar., v. 54 (47), 1853-1856
Tourist diarrhea, parasitic and bacterial origins, clinical review

Entamoeba histolytica
Entamoeba histolytica, strain from sewage of Messina, characterization by thermo-resistance and behavior in hypotonic solutions, comparison with known Entamoeba strains

Entamoeba histolytica, illus.
Perpignano, G.; Argiolas, N.; and Pintus, 1974, Riv. Parasitol. Med., v. 54 (2), 143-167
Entamoeba histolytica, human hepatic abscess with extension to abdominal wall and skin surface, clinical case report

Entamoeba histolytica
Probable hepatic amoebiosis, young man of African origin, therapy with amoebicides resulted in relief of symptoms: Italy

Entamoeba histolytica
Entamoeba histolytica, Giardia lamblia, possible enteropathogens causing diarrhea, comparative study of children in Mexico and Houston, Texas

Entamoeba histolytica
Entamoeba histolytica, 34-year-old man, case report, haemobilia as complication of amoebic liver abscess, diagnosis by arteriography: King Edward VIII Hospital, Durban

Entamoeba histolytica, illus.
Raether, W.; et al., 1977, Ztschr. Parasitenk., v. 54 (2), 149-163
Entamoeba histolytica trophozoites, fine-structural changes after deep freezing in liquid nitrogen

Entamoeba histolytica
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
Parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Entamoeba histolytica
Entamoeba histolytica, axenically grown, factors in bacterial lipids supporting parasite growth

Entamoeba histolytica
Intestinal parasites, children, infection rates in relation to sources of drinking water (open dug wells, water taps in street, water tap within household): Athur block, Madural district, Tamil Nadu

Entamoeba histolytica
Entamoeba histolytica, possible role of hepatic trauma in the genesis of hepatic abscess, clinical case report on man who developed acute abscess 2 weeks after receiving severe blow over hepatic region of thorax: Sri Lanka

Entamoeba histolytica
Amebiasis, human chronic colitis or rectocolitis, clinical trials testing efficacy of metronidazole combined with intestopan, good results, drug well tolerated

Entamoeba histolytica
Reeder, M. N., 1975, Seminars Roentgenol., v. 10 (3), 229-245
Parasitic infections of human liver and bile ducts, radiologic diagnosis, general review

Entamoeba histolytica
Entamoeba histolytica, current status of human amoebiasis (physiopathology, clinical forms, diagnosis, treatment, epidemiology), anniversary presentation at the Academy of Medicine of Chile

Entamoeba histolytica
Human amoebic cerebral infections, case reports, pathology, medical and surgical management: Mexico

Entamoeba histolytica, illus.
Entamoeba histolytica, humans, pathology associated with various forms of infection (colitis, ameboma, hepatic abscess, genital and cutaneous amoebiasis)

Entamoeba histolytica
Richle, R.; et al., 1978, Arzneimittel-Forsch., v. 28 (4), 612-625
Trichomoniasis, amoebiasis, lambliasis, extensive in vitro and in vivo trials (humans, domestic animals, laboratory animals) with ornidazole to establish chemotherapeutic properties, efficacy slightly superior to metronidazole in comparative trials

Entamoeba histolytica
Robertson, I.; and Sundgren, K. B., 1972, South African Med. J., v. 46 (52), 1117-1122
Anaemia in urban area pre-schoolchildren, causes included Entamoeba histolytica and Trichuris trichura: Child Welfare Clinics, City of Cape Town
Entamoeba histolytica

Entamoeba histolytica
Rondanelli, E. G.; et al., 1974, Parasitologia, v. 16 (1), 89-91 Entamoeba coli cysts, ultrastructure, comparison with E. histolytica encysted in same culture conditions

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica

Entamoeba histolytica
Entamoeba histolytica
amoebiasis, humans, case report of multiple colonic strictures resulting from infection, clinical management

Entamoeba histolytica
Entamoeba histolytica, children, prevalence survey, clinical management: Mexico

Entamoeba histolytica
Sobrinho, J. B.; Lima, I. A.; and Brito, E. S. (filho), 1976, Rev. Brasil. Cirug., v. 66 (1-2), 19-24
Entamoeba histolytica, human hepatic abscess, hospital case survey, clinical and surgical treatment review: Manaus, Brazil

Entamoeba histolytica
human intestinal amoebiasis, successful clinical trials using tinidazole

Entamoeba histolytica
Soto Travieso, R.; et al., 1977, Rev. Cubana Med. Trop., v. 29 (3), 115-120
human intestinal parasites, diagnosis, modified Baermann's technique compared with standard diagnostic methods

Entamoeba histolytica
Stemberger, H., 1978, Immun. u. Infekt., v. 6 (2), 71-78
Entamoeba histolytica, investigation of cytolytic action of antibody, complement, and normal human peripheral blood lymphocytes as well as action of peripheral blood lymphocytes from donor with amoebic liver abscess

Entamoeba histolytica
Entamoeba histolytica, retrospective study of 453 persons who became infected through travel or living abroad, symptoms, pathology, therapy: Zurich region of Switzerland

Entamoeba histolytica
Entamoeba histolytica, possible hazards of administering corticosteroids to persons who may have amoebiasis, steroid therapy may result in acute amoeboid dysentery or exacerbation of amoebiasis, case reports

Entamoeba histolytica
Entamoeba histolytica, axenically cultivated trophozoites, enzymatic mechanism of L-serine oxidation

Entamoeba histolytica
Entamoeba histolytica, Giardia lamblia, control attempts in a residential facility for mentally retarded persons: Washington, D. C.

Entamoeba histolytica
Entamoeba histolytica, humans, intestinal tissue amoebiasis, treatment with tissue plus luminal amoebicides, 7 case reports; differentiation of tissue vs. uncomplicated amoebic dysenteries

Entamoeba histolytica
Entamoeba histolytica, human liver abscess, clinical features, response to therapy, review of 24 cases: Wessex region, Great Britain

Entamoeba histolytica-like ameba, Laredo strain
Entamoeba, several species and strains, comparison of in vitro ingestion of human erythrocytes (HRBC), E. histolytica isolated from cases of human dysentery show significantly higher phagocytic rate of HRBC ingestion than nonpathogenic strains and than other Entamoeba not pathogenic for mammals, however all Entamoeba tested are able to ingest HRBC

Entamoeba histolytica
Entamoeba histolytica, acute infection in Polish sailor who acquired disease in West Africa, therapy with bemarsal, mexaform and spiramycin resulted in relapse and chronic infection, apparent cure with mepronidazole; pathology and clinical aspects of amoebiasis

Entamoeba histolytica
Entamoeba histolytica, increasing incidence of intestinal infections in male homosexuals, importance of inclusion in differential diagnosis in cases with persistent intestinal symptoms: New York

Entamoeba histolytica
human intestinal amoebiasis, clinical manifestations, review of presenting forms (amoeboma, fulminating forms, acute appendicitis), differential diagnosis, pathology: Mexico

Entamoeba histolytica
del Villar Poczta, J. P.; and Alvarez Chacon, R., 1975, Semana Med. Mexico (1071), an. 22, v. 84 (11), 325-327
Entamoeba histolytica, human cutaneous, case report, clinical aspects
Entamoeba histolytica

del Villar Ponce, J. P.; and Alvarez Chacon, R., 1976, Semana Med. Centroamerica y Panama (341), an. 11, v. 27 (6), 148-150
amoebiasis, human cutaneous, case report, clinical aspects: Mexico D.F.

Entamoeba histolytica
Vinayak, V. K.; et al., 1979, J. Parasitol., v. 65 (3), 407
Macaca mulatta naturally infected with ameba morphologically indistinguishable from Entamoeba histolytica, indirect hemagglutination titers to antigens from Entamoeba histolytica and from ameba of Macaca mulatta

Entamoeba histolytica
Entamoeba histolytica-infected rats pre-treated with corticosteroids, irradiation or both, exacerbation of amoebic pathology, corticosteroid therapy possibly aggravates otherwise sub-clinical infection

Entamoeba histolytica
Phycadia obvelata-infected mice challenged intraceaeally with Entamoeba histolytica trophozoites showed higher level of amoebic infection than mice without helminths, mice with heaviest helminth infection were most susceptible to amoebic infection

Entamoeba histolytica
Hydatidosis, anemia, urinary schistosomiasis, human, diagnosis, immunoperoxidase and immunofluorescence techniques compared

Entamoeba histolytica
Wang, L. T., 1974, Taiwan I Hsueh Hui Tsa Chih (J. Formosan Med. Ass.), v. 72 (11), 619-623
Entamoeba histolytica, humans, diagnosis by indirect haemagglutination test using antigen from axenic culture, more specific for amoebic liver abscesses than for intestinal infection

Entamoeba histolytica
Wang, L. T., 1974, Taiwan I Hsueh Hui Tsa Chih (J. Formosan Med. Ass.), v. 73 (4), 196-202
Entamoeba histolytica, 38 strains cultured from infected stool and liver aspirates, growth and maintenance in various media

Entamoeba histolytica
Wang, L. T.; and Yang, S. P., 1971, Taiwan I Hsueh Hui Tsa Chih (J. Formosan Med. Ass.), v. 70 (3), 131-134
Entamoeba histolytica, human, oxytetracycline-resistant amoebic dysentery: Taiwan

Entamoeba histolytica
Entamoeba histolytica, human, epidemiologic survey using immunofluorescence and fecal smears: Zaire

Entamoeba histolytica
Entamoeba histolytica, human hepatic abscess, diagnosis, indirect fluorescent antibody test

Entamoeba histolytica
enteric protozoa, Enterobius vermicularis, high rate of infection in homosexual men who practice anilingus: New York City

Entamoeba histolytica
Winkelman, E.; Raether, W.; and Gebert, U., 1978, Arzneimittel-Forsch., v. 28 (10), 1682-1684
activity of 16 novel 5-nitroimidazoles against protozoa in mice and golden hamsters, compared with metronidazole and tinidazole, structure-activity relationships

Entamoeba histolytica
Entamoeba histolytica, human, seroimmunologic survey comparing indirect immunofluorescent, latex agglutination, and indirect hemagglutination tests

Entamoeba histolytica
Entamoeba histolytica, 49-year-old male, left lung, medical and surgical treatment of 2 abscesses, case report: Sining, China

Entamoeba histolytica
Yang, J.; and Kennedy, M. T., 1979, J. Clin. Microbiol., v. 10 (6), 778-785
Entamoeba histolytica, human, diagnosis, development and evaluation of enzyme-linked immunosorbent assay, compared with indirect fluorescent antibody and indirect hemagglutination techniques

Entamoeba histolytica
Entamoeba histolytica, evaluation of indirect haemagglutination test for diagnosis, trophozoites grown in bacteria-free cultures used as antigen, merits of technique discussed

Entamoeba histolytica
Young, K. H.; et al., 1979, J. Clin. Microbiol., v. 10 (6), 852-853
parasites, ethyl acetate as satisfactory substitute solvent in formalin-other sedimentation technique for fecal specimens

Entamoeba histolytica
Entamoeba histolytica, Balantidium, Trichomonas, culture, new simple method

Entamoeba histolytica
Entamoeba histolytica, diagnosis, indirect fluorescent antibody test

Entamoeba histolytica
Entamoeba histolytica, human, amoebic dysentery, clinical trials with teclozan, 94% cure rate with few side effects
Entamoeba histolytica
Entamoeba histolytica, human, description of post-parasitic syndrome which results in continued intestinal complaints after parasitic cure, attributed to disturbances in biological equilibrium of alimentary tract

Entamoeba histolytica
amoebiasis and other human intestinal parasites, persons returning from tropical countries, laboratory diagnostic problems, test recommendations: Poland

Entamoeba invadens
Entamoeba histolytica, E. invadens, correlation between most pathogenic effects of trophozoites and their soluble extracts, presence of fetal calf serum largely inhibited cell damage

Entamoeba invadens
cryopreservation of parasitic protozoa

Entamoeba invadens
Frank, W.; Sachsse, W.; and Winkelstraeter, K. H., 1976, Salamandra, v. 12 (3), 120-126
Entamoeba invadens in Chelonia mydas and Caretta caretta, fatal infections, pathology, Cuora amboinensis found to be source of infection for Chelonia mydas: Saarbruckener Zoologischen Garten

Entamoeba invadens
Gillin, F. D.; and Diamond, L. S., 1978, J. Protozool., v. 25 (4), 539-543
Entamoeba histolytica, other Entamoeba spp., technique for clonal growth in agar, possible use in drug testing

Entamoeba invadens, illus.
Ishii, A., 1973, Snake, v. 5 (1-2), 133-140

Entamoeba invadens
Ishii, A.; et al., 1971, Snake, v. 3 (1), 30-34
Entamoeba invadens, oral inoculation in snakes of the Ogasawara Islands, pathology Trimeresurus flavoviridis T. okinavensis Dinodon semicarinatus Opheodrys semicarinata Amphiesma pryeri (all exper.)

Entamoeba invadens
Ishii, A.; et al., 1976, Snake, v. 8 (1), 64-68
Entamoeba invadens, oral inoculation of some amphibians and reptiles, possible biological control of the habu snake Takydromus tachydrromoides Japalura polygonata Eumeles marginatus Pseudemys scripta Geoclemys reevesii Trionyx sinensis Trionyx sp. (all exper.)

Entamoeba invadens
Ishii, A.; and Hayashi, Y., 1978, Snake, v. 10 (1), 16-17
Entamoeba invadens, unsuccessful attempt to transmit parasitic infection from exper. infected Geoclemys reevesii to Trimeresurus flavoviridis for purposes of biological control

Entamoeba invadens
Ishii, A.; and Noboru, H., 1971, Snake, v. 3 (1), 24-29
Entamoeba invadens, exper. infection of Trimeresurus flavoviridis and Ahaetulla nusutus, pathology; attempts to infect laboratory rats and mice unsuccessful

Entamoeba invadens
Lopez-Revilla, R.; and Gomez, R., 1978, Exper. Parasitol., v. 44 (2), 243-248
Entamoeba histolytica strains, E. invadens, E. moshkovskii, fluctuations of DNA content of axenic trophozoites, variations generally but not always occurred within a range characteristic of each species, possible causes of variation, estimation of DNA content could help to distinguish these species despite variation

Entamoeba invadens, illus.
Entamoeba histolytica, E. invadens, trophozoites, localization of thiamine pyrophosphatase activity within cytoplasmic fine structure

Entamoeba invadens, illus.
Clemmys caspica leprosa: Tunisia

Entamoeba invadens
Mueller, M.; et al., 1979, Comp. Biochem. and Physiol., v. 64B (1), 97-100
Trithromonas foetus, Trichomonas vaginalis, Entamoeba invadens, effects of 2,4-dinitrophenol (including effect on accumulation of metronidazole)

Entamoeba invadens
Trithromonas foetus, Entamoeba invadens, effect of glycogenolysis inhibitors on uptake of metronidazole
Entamoeba invadens
Entamoeba, isolation of 5 strains from sewage of Messina, characterization by thermo-resistance and behavior in hypotonic solutions, comparison with known Entamoeba strains

Entamoeba invadens
Entamoeba histolytica (two strains), E. invadens, E. moshkovskii, proteins analyzed by disc electrophoresis and immunodiffusion, suggests use as taxonomic criterion

Entamoeba moshkovskii
Entamoeba, several species and strains, comparison of in vitro ingestion of human erythrocytes (HRBC), E. histolytica isolated from cases of human dysentery show significantly higher phagocytic rate of HRBC ingestion than nonpathogenic strains and than other Entamoeba not pathogenic for mammals, however all Entamoeba tested are able to ingest HRBC

Entamoeba moshkovskii, illus.
Entamoeba moshkovskii and free-living amoeba of Hartmannella-Naegleria group, ultrastructural comparisons

Entamoeba moshkovskii
Entamoeba spp., new medium for axenic cultivation

Entamoeba moshkovskii
Entamoeba moshkovskii, distribution in mud and water, new habitat types, new foci: Brazil; Uruguay

Entamoeba moshkovskii
Gillin, F. D.; and Diamond, L. S., 1978, J. Protozool., v. 25 (4), 539-543
Entamoeba histolytica, other Entamoeba spp., technique for clonal growth in agar, possible use in drug testing

Entamoeba moshkovskii
Entamoeba histolytica strains, E. invadens, E. moshkovskii, fluctuations of DNA content of axenic trophozoites, variations generally but not always occurred within a range characteristic of each species, possible causes of variation, estimation of DNA content could help to distinguish these species despite variation

Entamoeba moshkovskii
Entamoeba, isolation of 5 strains from sewage of Messina, characterization by thermo-resistance and behavior in hypotonic solutions, comparison with known Entamoeba strains

Entamoeba moshkovskii
Entamoeba histolytica (two strains), E. invadens, E. moshkovskii, proteins analyzed by disc electrophoresis and immunodiffusion, suggests use as taxonomic criterion

Entamoeba moshkovskii
Entamoeba, several species and strains, comparison of in vitro ingestion of human erythrocytes (HRBC), E. histolytica isolated from cases of human dysentery show significantly higher phagocytic rate of HRBC ingestion than nonpathogenic strains and than other Entamoeba not pathogenic for mammals, however all Entamoeba tested are able to ingest HRBC

Entamoeba moshkovskii
Rattus norvegicus (Jejunum, Ileum) Mus musculus (Jejunum, Rectum) Apodemus flavicollis (Jejunum, Ileum) A. sylvaticus (Jejunum, Ileum) Ondatra zibethica (Jejunum, Ileum) Microtus arvalis (Ileum) all from Neusiedlerseegebiet, nordlichen Burgenland

Entamoeba nana
Akhtaruzzaman, K. M.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (4), 427-431
comparison of different methods for detection of intestinal protozoa and helminths in human stool

Entamoeba polecki, illus.
Entamoeba polecki, 24-year-old Peace Corps volunteer (feces), symptomatic intestinal infection cured with diloxanide furazolate and metronidazole: United States (previously in Upper Volta)

Entamoeba terrapiniae
Entamoeba spp., new medium for axenic cultivation

Entamoeba terrapiniae
Gillin, F. D.; and Diamond, L. S., 1978, J. Protozool., v. 25 (4), 539-543
Entamoeba histolytica, other Entamoeba spp., technique for clonal growth in agar, possible use in drug testing

Enteromonas hominis, illus.
Harvey, J., 1975, Sagenenay Med., v. 20 (3), 146-156
parasitic flagellates, life cycle, infection in man, clinical signs, therapy, brief review

Entodiscidae fam. n.
Hymenostomatida, Tetrahymenina includes: Entodiscus (type genus); Cryptochilum; Biggaria; Madsonia; Pythysostoma; Andreula; Symbionecta gen. n.; Pectenita gen. n.; Gullmarella
Entodiscus Madsen, 1931 (type genus)
Hymenostomatida, Tetrahymenina, Entodiscidae fam. n.

Entopolypoides species, illus.
Entopolypoides sp. intraerythrocytic parasitosis in 2 humans with hepatic dysfunction, description of serum factors inhibiting phytohemagglutinin response by normal lymphocytes suggests that hepatic dysfunction induces serum factors that diminish cellular immunity and allow patent parasitemia to develop:
United States (one patient was born in Turkey; the other was a merchant seaman who traveled extensively)

Entopolypoides macaci
Cercopithecus aethiops pygyrurus: South Africa

Eperythrozoon sp.
Sorex araneus (Lunge)
S. minutus (Blut, Lunge, Milz)
Rattus norvegicus (Blut, Herz, Lunge, Milz, Placenta)
R. rattus (Herz, Lunge, Leber, Milz)
Mus musculus (Blut, Herz, Lunge, Leber, Milz)
Cricetus cricetus (Leber, Milz)
all from Neusiedlerseegebiet, nördlichen Burgenland

Eperythrozoon ovis
Ilemobade, A. A.; and Blotkamp, C., 1978, Tropenmed. u. Parasitol., v. 29 (3), 307-310
Eperythrozoon ovis, sheep, indirect immunofluorescent antibody test, evaluation for diagnostic purposes, recommended for use in epidemiological studies

Eperythrozoon ovis
Ilemobade, A. A.; and Blotkamp, C., 1978, Tropenmed. u. Parasitol., v. 29 (3), 311-314
Eperythrozoon ovis, sheep, incidence survey using the indirect immunofluorescent antibody test, 36% were sero-positive but only 12 had positive smears for parasites indicating endemic stability of area: Nigeria

Eperythrozoon ovis
Ilemobade, A. A.; and Blotkamp, C., 1978, Tropenmed. u. Parasitol., v. 29 (4), 443-450
Eperythrozoon ovis, sheep (exper.), pathological changes in blood picture, concurrent or superimposed infection with Trypanosoma vivax did not affect growth of either parasite

Eperythrozoon ovis
Eperythrozoon ovis, sheep (nat. and exper.), clinical and hematological observations: Japan

Eperythrozoon ovis
Eperythrozoon ovis, sheep (exper.), body and organ weight measurements, pathology

Eperythrozoon ovis
Sutton, R. H., 1979, Vet. Parasitol., v. 5 (1), 11-15
Eperythrozoon ovis, effect of infection on reductive potential of sheep erythrocytes

Eperythrozoon suis
Eperythrozoon suis, swine, clinical signs of infection confirmed by indirect hemagglutination and measuring packed cell volume; oxytetracycline and arsenic acid combined with lice control, arsenic toxicosis

Eperythrozoon suis, illus.
Hoffmann, R.; and Saalfeld, K., 1977, Deutsche Tierarztl. Wchnschr., v. 84 (1), 7-9
Eperythrozoon suis, outbreak in a fattening pig farm, pathogenesis, therapeutic possibilities discussed: Germany

Eperythrozoon wenyoni
Minami, T., 1977, Japan Agric. Research Quart., v. 11 (4), 254-258
Japanese Babesia sp., cattle (exper.), capillary-tube agglutination test, discrimination from B. bigemina and B. argentina was almost possible, no cross reactions with other protozoa

Eperythrozoon wenyoni, illus.
Jersey cow (blood) (nat. and exper.): Manawatu, New Zealand

Eperythrozoonosis
Leman, A. D.; Cropper, M.; and Rodeffer, H. E., 1974, Theriogenology, v. 2 (6), 149-160
infectious swine reproductive diseases, includes brief discussions on eperythrozoonosis and toxoplasmosis

Epistyris sp.
Cottus cognatus (fins): Aishihiki Lake, Yukon Territory

Epistyris sp.
Epistyris-Aeromonas complex, centarchid fish, incidence, spatial distribution of lesions, host size class (age), body condition, seasonal periodicity, influence of thermal effluent on disease

Micropterus salmoides
Lepomis macrochirus
L. auritus
Lesions, host size class (age), body condition, seasonal periodicity, influence of thermal effluent on disease

Eperythrozoonosis
Leman, A. D.; Cropper, M.; and Rodeffer, H. E., 1974, Theriogenology, v. 2 (6), 149-160
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Micropterus salmoides
Lepomis macrochirus
Lesions, host size class (age), body condition, seasonal periodicity, influence of thermal effluent on disease
Epistylis [sp.]
Fish and Wildlife Agencies, 372-379
Epistylis [sp.], fishes, host specificity, intensity of infestation, attachment site, factors affecting prevalence (host length, water quality, season)
Dorosoma cepedianum
Notemigonus crysoleucas
Notropis niveus
Moxostoma macrolepidotum
Ictalurus catus
I. platycepalus
Morone chrysops
M. saxatilis
Lepomis auritus
L. gulosus
L. macrochirus
L. microlophus
Micropterus salmoides
Pomoxis nigromaculatus
Etheostoma fusiforme
Perca flavescens
all from North Carolina

Epistylis sp.
Dorosoma cepedianum
Pomoxis nigromaculatus
Micropterus salmoides
(skin of all): all from Alabama

Epistylis sp., illus.
Epistylis sp. on Acartia tonsa, bacterial colonization near ciliate-produced lesions in exoskeleton suggests that bacteria may utilize dissolved copepod body contents: upper Escambia Bay, Florida

Epistylis lwoffi
[Lucioperca lucioperca] (gills): Kamsk reservoir

Epistylis lwoffi Faure-Fremiet
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (gills, body surface): near Vancouver, British Columbia

Euglenoidina
Michajlow, W. K., 1972, Parazitologija, Leninograd, v. 6 (1), 3-7
Euglenoidina of Copepoda, stages of adaptation to parasitism

Eugregarines, acephaline, illus.
Aedes aegypti
A. albopictus
A. chrysolineatus
Armigeres subalbatus
all from Thailand

Eutreptia parasitica sp. n., illus.
Eutreptia parasitica sp. n., development cycle
Microcyclops varicans (eyes, limbs and body cavity of cephalothorax region): water body of Botanical Garden, Brisbane, Australia
Fabespora vermicola, illus.
Weidner, E.; and Overstreet, R. M., 1979, Cell and Tissue Research, v. 201 (3), 331-342
Fabespora vermicola, sporogenesis

Faciplatycauda gen. n.
Wyatt, E. J., 1979, J. Protozool., v. 26 (1), 47-51
Myxobolidae
tod: F. pratti sp. n.

Faciplatycauda pratti sp. n. (tod), illus.
Wyatt, E. J., 1979, J. Protozool., v. 26 (1), 47-51
Catsostomus luxatus (kidneys): Klamath County, Oregon

Fallisia simplex
Telford, S. R., jr., 1979, Ann. Parasitol., v. 54 (2), 129-144
reported earlier as Plasmodium tropiduri
Plicula umbra: Guyana

Farinocystis tenebrioides n. sp., illus.
Farinocystis tenebrioides n. sp., life cycle, pathogenicity
Tenebrioides mauretanicus (Fettkörper): Kosova-Gebietes, Jugoslawien

Farinocystis tribolii
Tenebrioides mauretanicus: Kosova-Gebietes, Jugoslawien

Farinocystis tribolii Weiser, 1953, illus.
Zizka, Z., 1977, Ztschr. Parasitenk., v. 54 (3), 217-228
Farinocystis tribolii in Tribolium castaneum, fine structure, developmental stages in sporogony, parasite-host relations (mitochondria of host concentrated around schizonts, consumption of host fat body by parasites, host development stopped)

Farinocystis tribolii Weiser, 1953, illus.
Zizka, Z., 1978, J. Protozool., v. 25 (1), 50-56
Farinocystis tribolii, fine structure of schizonts and free merozoites and their development in fat body of larval Tribolium castaneum

Filiformis subgen. n.
subgen. of Protoopalina
type sp.: Protoopalina (Filiformis) filiformis Metcalf, 1923

Filiformis
subgen. of Protoopalina, key

Filiformis Amaro, 1966, preoccupied by Filiformis Hirshfield, Isquith & Bhandary, 1965
subgen. of Protoopalina
renamed: Longicorpus subgen. n.

Flagellates
Lutzomyia maripaensis L. spinosa L. (longipalpis) sp. L. (shannoni) sp.

Flagellate
Boghen, A. D., 1978, Canad. J. Zool., v. 56 (11), 2460-2462
prevalence in different host size classes Homarus americanus (gill filaments): Northumberland strait, southern Gulf of St. Lawrence

Flagellates
Holt, P. E.; Brown, A.; and Brown, B., 1978, Vet. Rec., v. 102 (18), 404-405
Strongyloides [sp.] in Lampropeltis getulus holbrooki, clinical symptoms, unsuccessful treatment with thiabendazole, mixed infection with flagellates and Ochetosomatidae sp., treatment for flagellates with metronidazole also unsuccessful, case report Lampropeltis getulus holbrooki (feces)

Franciaciella colchica
Protozoa as cause of abortions in cows: district of Rousse

Franciaciellosis
Rakhimov, T. Kh.; et al., 1977, Veterinariia, Moskva (10), 75-77
piroplasmosis, franciacellosis, cattle, dimidine and imidocarb tested in various doses, recommended for control

Frenkelia

Frenkelia, illus.
Frenkelia, schizonts and merozoites, electron microscopy

Frenkelia
cyst-forming coccidia, life cycle, taxonomy, comparative review

Frenkelia sp.
Clethrionomys glareolus (Gehirn): Neusiedlerseegebiet, nordlichen Burgenland

Frenkelia [sp.], illus.
Tadros, W.; and Laarman, J. T., 1978, Ztschr. Parasitenk., v. 58 (1), 41-46
Frenkelia [sp.] in Clethrionomys glareolus (brain, spinal chord), apparent congenital transmission, epizootiological significance

Frenkelia buteonis
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
nomen dubium
Frenkelia clethrionomyobuteonis, illus.
Geisel, O.; et al., 1978, Vet. Path., v. 15 (5), 621-630
Frenkelia clethrionomyobuteonis in Clethrionomys glareolus (exper.), pathomorphology
Frenkelia glareoli (Erhardova, 1955) Biocca, 1968
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
definition, intermediate and final hosts, synonymy
Frenkelia microti (Findlay and Middleton, 1934)
Biocca, 1968
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
definition, intermediate and final hosts, synonymy
Frenkelia microti, illus.
Frenkelia microti, life cycle
Microtus agrestis (exper.)
M. arvalis (nat. and exper.): Grafrath, westlich Munchens
Apodemus sylvaticus (exper.)
A. flavicollis (exper.)
A. agrarius (exper.)
Mus musculus (exper.)
Mastomys natalensis (exper.)
Rattus norvegicus (exper.)
Mesocricetus auratus (exper.)
Cricetus cricetus (exper.)
Chinchilla laniger (exper.)
Buteo buteo (exper.)
Oryctolagus cuniculus (exper.)
Ganymedes apsteini n. sp. [nom. nud.]


Ganymedes Porospora, Thiriotia, epicytic ultrastructure, taxonomic significance

Eucopia hanseni: Villefranche-sur-Mer (Alpes-Maritimes)


Ganymedes Porospora, Thiriotia, epicytic ultrastructure, taxonomic significance

Vibilia armata

V. propinqua

all from Villefranche-sur-Mer (Alpes-Maritimes)

Giardia


Giardia, excystation in acidic solutions, pattern of trophozoite emergence during excystation, method for routine in vitro induction of excystation, establishment of in vitro axenic cultures from excysted trophozoites

Giardia


protozoa, techniques for microscopical diagnosis

Giardia


human intestinal parasites, clinical trials with combined piperazine and thiabendazole: Sao Paulo

Giardia


giardiasis, infants and children, short and long-term followup after treatment with quinacrine vs. metronidazole

Giardia


Giardia, culture in solid medium; saccharolytic activity

Giardia, illus.


Giardia, concentration and purification of cysts from feces, induction of and determination of factors involved in excystation, effect of various storage temperatures on survival as determined by cultural excystation method

Giardia, illus.


Giardia, Trichomonas, Wistar rats (intestine), diarrhea, histopathology

Giardia

Nesvadba, J., 1979, Kleintier-Praxis, v. 24 (4), 177-179

Giardia, cat, ornidazole, metronidazole, case report

Giardia

Prakash, P.; and Saxena, S., 1976, Rajasthan Med. J., v. 15 (4), 240-244

giardiasis in children, evaluation of metronidazole using varying dosage schedules, recommendations for therapy

Giardia

Sebesteny, A., 1979, Lab. Animals, v. 13 (3), 189-191

intestinal protozoa, successful transmission to and establishment in specific-pathogen-free mice exposed to intestinal contents of infected hamsters

Giardia, illus.

Sugano, H.; and Ando, K., 1978, Nippon Zuiisikan Zassi (J. Japan Vet. Med. Ass.), v. 31 (11), 635-638

Giardia, dogs (nat. and exper.), diarrhea, metronidazole

Giardia


human intestinal parasites, description of simple method for recovery of eggs, larva and cysts from feces by concentration device, comparison with other methods of parasite recovery

Giardia sp.


Giardia sp., excystation in vitro, effects of temperature, pH, time, and incubation medium; eosin exclusion and excystation compared as methods of determining cyst viability, effect of temperature on cyst viability

Giardia sp.


human intestinal parasites, eggs and cysts from water used to irrigate vegetable gardens, increased risk of crop contamination in dry season: Ribeirao Preto, Sao Paulo, Brazil

Giardia sp.


enteroparasitic cysts and eggs, contamination of green vegetables and kitchen garden soils, epidemiological survey, most commonly found during dry-season when fecal polluted brooks were used for irrigation: Ribeirao Preto, Sao Paulo, Brazil

Giardia sp.


Nesokia indica: Baghdad district, Iraq
Giardia sp., illus. Panigrahy, B.; et al., 1978, Avian Dis., v. 22 (4), 815-818
Giardia sp., parakeets (intestine), case reports, successful treatment with nitro- 
diamozole: commercial aviaries in Texas

intestinal parasites, children, infection rates in relation to sources of drinking 
water (open dug wells, water taps in street, water tap within household): 
Athur block, Madurai district, Tamil Nadu

Rio de Janeiro, v. 10 (4), 91-94
description
Elosiidae
(intestino delgado de all): all from Brasil

Univ. Purkyniannae Brun., Biol., v. 6 (5), 177-
209
description
Rana temporaria (stevro (az zaludek), kloaka): 
CSSR

Giardia canis Barlough, J. E., 1979, J. Small Animal Practice, v. 20 (10), 613-623
Giardia canis, morphology and diagnosis, 
transmission, prevalence, clinical signs, 
pathogenesis, treatment, review

Giardia caprae, lambs (feces), possible cause of diarrhea

Giardia duodenalis race peromysci Filice, 1952
Grant, D. R.; and Woo, P. T. K., 1978, Canad. 
J. Zool., v. 56 (6), 1348-1359
as syn. of Giardia peromysci Filice, 1952
emend.

Giardia intestinalis Cabrera M., G.; et al., 1977, Rev. Med. Chile, 
v. 72 (3), 297-303
Entamoeba histolytica, Giardia intestinalis, 
Ascaris lumbricoides, Hymenolepis nana, list-
ed as etiologic agents of human diarrheal 
syndrome

Giardia intestinalis Danö, P.; Olsen, J.; and Vejlsgaard, R., 
1973, Scand. J. Gastroenterol., v. 8 (2), 151-154
Giardia intestinalis, humans, prevalence survey of patients with gastrointestinal 
symptoms, 1 positive case out of 190 sur-
veyed: Denmark

146-156
parasitic flagellates, life cycle, infection 
in man, clinical signs, therapy, brief review

Giardia intestinalis Merdivenci, A.; Baydemir, M.; and Sengul, M., 
1976, Turk Hiji. ve Deneyesil Biyol. Bergisi, 
v. 36 (2), 238-247
Giardia intestinalis, children, tinidazole 
and nitrimidazine compared, both successful

Giardia intestinalis Warhurst, D. C.; and Wright, S. G., 1979, Tr. 
[Letter]
Giardia intestinalis, cryopreservation

Giardia lamblia Akhtaruzzaman, K. M.; et al., 1978, Tropenmed. 
und Parasitol., v. 29 (4), 427-431
comparison of different methods for detection of 
intestinal protozoa and helminths in human 
stool

83, v. 149 (7), 254-257
intestinal parasites, school children, 
clinical studies with tinidazole and meben-
dazole: Instituto Aguirre 'Patronato de la 
Infancia'

Giardia lamblia Alvarez Gomez, L. de las N.; and Sordo Gonzalez, 
Giardia lamblia, technique for the prepara-
tion of antigen extract from trophozoites 
and cysts, study of immunoallergic character-
istics in experimental animals and normal 
human controls

Giardia lamblia Alvarez Gomez, L. de las N.; and Sordo Gonzalez, 
Giardia lamblia, method for obtaining speci-
cific antiserum in rabbits

Med. Trop., v. 6 (3), 147-149
Giardia lamblia, humans, therapeutic trials 
showed tinidazole to be useful antiparasitic 
treatment: Brazil

Giardia lamblia Amin, N., 1979, Postgrad. Med., v. 66 (5), 
151-156, 158
Giardia lamblia, human, incidence and epi-
demiology, pathophysiology, pathogenesis, 
clinical manifestations, diagnosis, treat-
ment, prevention, review

Giardia lamblia Ansdel, V. E.; and Common, J. D. A., 1979, J. 
Trop. Med. and Hyg., v. 82 (9-10), 206-207
Giardia lamblia, 21-year-old Kenyan Asian, 
corneal damage after therapy with mepacrine: 
London

(6), 388-389
human intestinal protozoa, modified Teleman 
and PAFS methods compared for diagnostic pur-
poses

J. Infect. Dis., v. 5 (4), 289-292
Giardia lamblia, infection in group of stu-
dents after a visit to Leningrad: Stockholm, Sweden
Giardia lamblia


Giardia lamblia, inter- and intrafamilial infection involving 5 families, case reports, epidemiology, index case thought to be 3-year-old child from Israel that had recently been adopted by family members: Lindesberg, Sweden

Giardia lamblia


parasitic infestations in children, effect on intestinal absorption as determined by assay of fasting serum carotene and vitamin A levels and by vitamin A tolerance tests: Orphanage Institute of Giza and El-Zeitoun, Egypt

Giardia lamblia


Giardia lamblia, trials testing the therapeutic efficacy of tinidazole, adults and children both achieved cure rate of over 96%: Brazil

Giardia lamblia


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

Giardia lamblia

Bartlett, M. S.; et al., 1978, J. Clin. Microbiol., v. 7 (6), 524-528

modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoan cysts and helminth eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-E2SnSO, compares favorably to FE method for detecting infections of clinical significance

Giardia lamblia


Giardia lamblia, humans with associated peripheral neuropathy of unknown etiology, 2 case reports, resolution of giardiasis and neurological symptoms after metronidazole therapy

Giardia lamblia

Blasso Rabassa, E.; et al., 1975, Rev. Cubana Pediat., v. 47 (2), 247-263

Giardia lamblia resulting in malabsorption syndrome in children, clinical features of syndrome and pathologic changes in intestine

Giardia lamblia

Blasso Bava, A.; and Nino, R. F., 1974, Semana Med. (4876), an. 81, v. 145 (54), 2534-2539

Giardia lamblia, humans, clinical trials testing 2 dosage schedules of tinidazole, clinically and parasitologically effective with only mild side effects

Giardia lamblia

Blecka, L. J., 1978, J. Parasitol., v. 64 (2), 562-563

patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fecal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable

Giardia lamblia


Giardia lamblia, case report of infection in elderly woman resulting in severe atrophy of jejunal mucosa with dense plasma-cell infiltrate, complete recovery after therapy with metronidazole: England (had traveled to Far East)

Giardia lamblia

Blom, M.; Frig, J. B.; and Mørredam, K., 1979, Am. J. Trop. Med. and Hyg., v. 28 (1), 76-83

intestinal parasites, children from Vietnam-Cambodia at and after arrival in Denmark, α1-acid glycoprotein, α1-antitrypsin, and ceruloplasmin concentrations, eosinophilia, sedimentation rates, effect of T.A.B.-cholera vaccination

Giardia lamblia


chemotherapy of common intestinal protozoan and helminth infections in humans, review of antiparasitic drugs in current use

Giardia lamblia, illus.

Brandborg, L. L., 1979, Am. J. Med., v. 67 (6), 1058-1065

diseases of malabsorption, histologic diagnosis

Giardia lamblia, illus.

Brasitus, T. A., 1979, Am. J. Med., v. 67 (6), 1058-1065

parasitic infections, association with malabsorption in man

Giardia lamblia

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

Giardia lamblia


Trichomonas vaginalis, Giardia lamblia, Entamoeba histolytica, humans, clinical trials testing efficacy of tinidazole therapy

Giardia lamblia


Giardia lamblia, children, prevalence, associated symptoms: Out-patient Department, Siriraj Hospital, Thailand
Giardia lamblia

Chu, J. K., 1972, Taehan UiHak Hyophoe Chi (J. Korean Med. Ass.), v. 15 (8), 685-690

human parasites, differential diagnosis

Giardia lamblia, illus.


Giardia lamblia, 'ghost' forms of cysts in human fecal sample initially misdiagnosed as Isospora oocysts

Giardia lamblia

Corral Carranceja, I.; et al., 1975, Rev. San. e Hig. Pub., v. 49 (2), 159-178

intestinal parasites, epidemiologic survey of children on admission to Sanatorio Marino de Goril.

Giardia lamblia


Giardia lamblia, humans, waterborne outbreaks occurring from contaminated drinking water, seasonal distribution, data indicate that disinfection as only treatment for surface water sources is ineffective, review: United States

Giardia lamblia


Giardia lamblia, children, single dose tinidazole: Alexandria Health Clinic, Bergvlei, Tvl.

Giardia lamblia


giardiasis, increased numbers of infections with involvement of entire families, diagnostic recommendations: South Africa

Giardia lamblia

Degremont, A.; Schwander, K.; and Gyr, K., 1979, Therap. Umschau, v. 36 (3), 246-249

Giardia lamblia, humans, general clinical review

Giardia lamblia


Giardia lamblia, Entamoeba spp., Endolimax nana, study of American college students who had high incidence of diarrheal disease while traveling in the Orient, findings suggest that G. lamblia and Entamoeba histolytica should be considered in differential diagnosis of gastrointestinal disease of travellers to the Orient

Giardia lamblia


Giardia lamblia, 53 of 55 heavily infected patients cured by single dose tinidazole: Egypt

Giardia lamblia

Engbaek, K., 1978, Ugeskr. Laeger, v. 140 (1), 14-17

Giardia lamblia and other intestinal parasites of children in day-nurseries and kindergartens, incidence, clinical symptoms, management: Denmark

Giardia lamblia

Engbaek, K.; and Larsen, S. O., 1979, Ugeskr. Laeger, v. 141 (17), 1128-1131

Giardia lamblia, Entamoeba coli, Trichuris trichura, socio-epidemiologic study of infected families, emphasis on living conditions, social standards, and clinical symptoms: Denmark

Giardia lamblia

Farahmandian, I.; Sheiban, F.; and Sanati, A., 1978, J. Trop. Med. and Hyg., v. 81 (7), 139-140

Giardia lamblia, humans, evaluation of efficacy of single dose therapy with tinidazole, test findings of high cure rate with low side effects observed, recommended for both individual and mass therapy: Iran

Giardia lamblia


tropical protozoan diseases, humans traveling to endemic areas, preventive measures, public health aspects

Giardia lamblia

Ferguson, A.; and McDonald, T. T., 1977, Chla Found. Symp., n.s. (46), 305-327

effects of local delayed hypersensitivity on the small intestine, review including some information on Giardia lamblia and Nippostrongylus brasiliensis

Giardia lamblia

Fernex, M., 1979, Therap. Umschau, v. 36 (3), 205-210

tropical protozoan diseases, humans traveling to endemic areas, preventive measures, review

Giardia lamblia

Ferwerda, J.; and Dekker, W., 1976, Tijdschr. Gastro-enterol., v. 19 (6), 413-416

Giardia lamblia, humans, identification of parasite in duodenal contents aspirated during fibre-endoscopy

Giardia lamblia


Giardia lamblia, human, statistics of prevalence survey: Uruguay

Giardia lamblia

Galvez Rodriguez, A.; et al., 1976, Rev. Cubana Med., v. 15 (1), 7-12

human digestive tract parasites, diagnostic value of analysis of biliary drainage for evidence of gastrointestinal and biliary tract infections

Giardia lamblia


Giardia lamblia, humans, values of serum immunoglobulins, disaccharidases, lactic acid and fecal pH compared with values in normal controls

Giardia lamblia

Goldstein, F.; Thornton, J. J.; and Szylowski, T., 1978, Am. J. Digest. Dis., n.s., v. 23 (6), 559-560

Giardia lamblia, humans, hepatobiliary form, trophozoites in bile, nonvisualization of gall bladder as important diagnostic feature, relief of biliary symptoms after metronidazole therapy, clinical case report
Giardia lamblia
Grant, D.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1360-1365
Giardia spp. in small mammals, comparative studies, results suggest host specificity of some spp., infectivity of stored cysts varies with temperature, lack of prophylactic effect in rats treated with metronidazole or quinacrine hydrochloride

Giardia lamblia
Entamoeba histolytica, Giardia lamblia, diarrhea, prevention and therapy, review

Giardia lamblia
Human parasites, necessity of fecal examination and deworming for maximum effect of supplementary feeding program on growth of pre-school children

Giardia lamblia, illus.
Hartong, W. A.; Gourley, W. K.; and Arvanitakis, C., 1979, Gastroenterology, v. 77 (1), 61-69
Giardia lamblia, patients, clinical spectrum and functional-structural abnormalities of small intestinal mucosa, treatment with metronidazole or quinacrine: Kansas Univ. Medical Center

Giardia lamblia
Giardia lamblia, humans, successful clinical trials with nimoazole

Giardia lamblia
Giardia lamblia, children, therapy with nitrimidazine, well tolerated, good results: Brazil

Giardia lamblia
Parasitic infestations in women using different types of contraceptive devices compared with women using no devices and with males, results correlated with haemoglobin levels of all groups, only malaria of anaemia-inducing infections occurred with significant variation, course of infections may be enhanced by presence of contraceptives

Giardia lamblia, illus.
Giardia lamblia, children, single dose treatment with tiberal, effective in all children treated; diagnosis by mucosal imprint, examination of stools, duodenal juice, or jejunal biopsy material compared, mucosal imprint method most reliable: Malaysia

Giardia lamblia
Jacobson, K. W.; and deShazo, R. D., 1979, J. Allergy and Clin. Immunol., v. 64 (6, pt. 1), 516-521
5-year-old girl with triad of selective IgA deficiency, nodular lymphoid hyperplasia of small bowel, and Giardia lamblia infection

Giardia lamblia
Giardia lamblia, humans, tinidazole, comparative evaluation of 2 dosage regimens

Giardia lamblia
Gastrointestinal complications of immunodeficiency syndromes, review including information on Giardia lamblia

Giardia lamblia
Amoebiasis, giardiasis, Iodamoeba butschlii, epidemic in a homosexual population: New York City

Giardia lamblia
Giardia lamblia, epidemiology of outbreak in day-care nurseries, transmission apparently person-to-person, more Canadian children were symptomatic and infected than were immigrant children attending the nurseries, infections cleared with metronidazole or atabrine, control measures suggested including treatment of all infected children regardless of whether they were symptomatic: Toronto, Canada

Giardia lamblia
Giardia lamblia, human, case report

Giardia lamblia
Giardia lamblia, humans, clinical trials, ornidazole and metronidazole compared: Brazil

Giardia lamblia
Human Giardia lamblia, treatment of 32 patients with nimoazole resulted in 100% cure with marked clinical improvement and no side effects

Giardia lamblia
Giardia lamblia, outbreak in large group of American tourists who travelled to island of Madeira in Oct. 1976, drinking water and food implicated as probable sources of infection: Portugal

Giardia lamblia
Giardia lamblia infection should be sought in children with bronchial asthma or chronic diarrhea

Giardia lamblia
Ascaris lumbricoides and/or Giardia lamblia, children, marked impairment of vitamin A absorption
Giardia lambia
entroparasites, 2 population groups, factors involved in dissemination (sanitation, social, economic and cultural standards, dietary habits): city of Ribeirao Preto, Sao Paulo, Brazil

Giardia lambia
Entamoeba, Giardia lambia, Trichomonas vaginalis, cultivation, review

Giardia lambia
Nemanic, P. C.; and Naik, S. R.; v. 140 (2), 222-228
human epidemic giardiasis, speculations on its elusive epidemiology

Giardia lambia
Giardia lambia-infected vs. normal human jejunum, presence and frequency of Candida albicans and other fungi

Giardia lambia
Giardia lambia, humans, investigation of humoral and cellular immunity shows no impairment of immune functions

Giardia lambia
Giardia lambia, humans, no immunodeficient basis for endemic giardiasis found in comparative survey of immunoglobulins in serum and duodenal juice and of T and B lymphocyte sub-populations of infected vs. non-infected persons: North India

Giardia lambia
Giardia lambia, human, comparative evaluation of diagnostic techniques (examinations of 3 stool samples, jejunal aspirate, and jejunal mucosal impression smears)

Giardia lambia, illus.
Nemanic, P. C.; et al., 1979, J. Infect. Dis., v. 140 (2), 222-228
Giardia muris, occurrence of endosymbiotic microbes; G. muris, G. lambia, organelle distribution

Giardia lambia
Noemi, I.; Reyes, H.; and Mauro, G., 1975, Rev. Chilena Pediat., v. 46 (1), 50-53
Giardia lambia found to be prevalent infection in infant and child patients at 2 local hospitals in Santiago, Chile

Giardia lambia
human intestinal parasites, evaluation of kerosene as substitute for ether in the formol-ether concentration diagnostic technique, morphology of ova and cysts equally well preserved by both techniques

Giardia lambia
Pawlowski, Z.; and Kociecka, W., 1979, Polski Tygod. Lekar., v. 54 (47), 1855-1856
tourist diarrhea of parasitic and bacterial origins, clinical review

Giardia lambia
Entamoeba histolytica, Giardia lambia, possible enteropathogens causing diarrhea, comparative study of children in Mexico and Houston, Texas

Giardia lambia
pulmonary eosinophilia with asthma-like symptoms, possible relationships with human intestinal parasites, resolution of symptoms after eradication of parasites: Mexico

Giardia lambia
pulmonary eosinophilia with asthma-like symptoms, possible relationships with human intestinal parasites, resolution of symptoms after eradication of parasites: Mexico

Giardia lambia
Schenone, H.; et al., 1979, Bol. Chileno Parasitol., v. 34 (1-2), 2-6
Entamoeba histolytica and/or Giardia lambia, children, clinical trials with varying doses of tinidazole: ciudad de Santiago

Giardia lambia
Giardia lambia, humans, epidemiology, diagnosis, therapy, extensive clinical review

Giardia lambia
Giardia lambia, children, nifuratel, successful clinical trials

Giardia lambia
Soto Travieso, R.; et al., 1977, Rev. Cubana Med. Trop., v. 29 (3), 115-120
human intestinal parasites, diagnosis, modified Baermann's technique compared with standard diagnostic methods

Giardia lambia, illus.
Giardia lambia, human, practical, rapid, fecal diagnostic test
Giardia lambia

Stevens, D. P.; and Roberts-Thomson, I. C., 1978, Am. J. Path. (429), v. 90 (2), 529-532

Giardia muris-infected mice used as laboratory model for systematic study of human giardiasis caused by G. lambia

Giardia lambia


Entamoeba histolytica, Giardia lambia, control attempts in a residential facility for mentally retarded persons: Washington, D. C.

Giardia lambia


Giardia lambia, humans, diagnosis, enteric duodenal capsule vs. stool examination or jejunal aspirate obtained by jejunal biopsy

Giardia lambia


Giardia lambia, intestinal colonization by enterobacteria as possible important contributing factor in the development of malabsorption in humans with giardiasis

Giardia lambia


Giardia lambia, 8 1/2-year-old boy, cause of exercise-induced diarrhea

Giardia lambia


Giardia lambia, human, demonstration of antibodies using immunodiffusion technique with cysts as antigen

Giardia lambia


Giardia lambia, experimental infection in weanling Swiss mice

Giardia lambia, illus.


Giardia lambia, human, scanning electron microscopy of trophozoite and duodenal mucosa

Giardia lambia, illus.

Watson, J. H. L.; Goodwin, J.; and Rajan, K. S., 1979, Micron, v. 10 (1), 61-64

Giardia lambia in human duodenum and bile, scanning electron microscopy

Giardia lambia


Isospora belli, immunosuppressed woman concurrently infected with Giardia lambia, severe diarrhea, rapid remission with co-trimoxazole, case report

Giardia lambia


enteric protozoa, Enterobius vermicularis, high rate of infection in homosexual men who practice anilingus: New York City

Giardia lambia


Giardia lambia, serum sickness in 2 persons who had received furazolidone therapy, possible incrimination of tartrazine (component of Latin American-produced furazolidone (Furoxona) which is no longer included in United States-produced furazolidone (Furoxone)

Giardia lambia


Giardia lambia, epidemic of giardiasis among employees of mountain resort lodge, epidemiologic investigation implicated lodge's untreated water supply as source of infection: Colorado

Giardia lambia


Giardia lambia, humans, review: diarrhoea, malabsorption, immune response, associated intestinal bacteria

Giardia lambia


Giardia lambia, humans, quantitative assessment of histological changes in proximal jejunal mucosa using the Weibel graticule, comparison with controls, useful for determining severity of infections and for evaluating therapy

Giardia lambia

Young, K. H.; et al., 1979, J. Clin. Microbiol., v. 10 (6), 852-853

parasites, ethyl acetate as satisfactory substitute solvent in formalin-ether sedimentation technique for fecal specimens

Giardia mesocricetus Filice, 1952 emend., illus.

Grant, D. R.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1348-1359

Giardia spp. in small mammals, prevalence, morphological and morphometrical studies of trophozoites

Syn.: Giardia muris race mesocricetus Filice, 1952

Mesocricetus auratus: southern Ontario

Giardia mesocricetus

Grant, D.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1360-1366

Giardia spp. in small mammals, comparative studies, results suggest host specificity of some spp., infectivity of stored cysts varies with temperature, lack of prophylactic effect in rats treated with metronidazole or quinacrine hydrochloride

Giardia microti Kofoid and Christiansen, 1915, illus.

Grant, D. R.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1348-1359

Giardia spp. in small mammals, prevalence, morphological and morphometrical studies of trophozoites

Microtus pennsylvanicus (intestine): southern Ontario
Giardia microti
Grant, D.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1360-1366
Giardia spp. in small mammals, comparative studies, results suggest host specificity of some spp., infectivity of stored cysts varies with temperature, lack of prophylactic effect in rats treated with metronidazole or quinacrine hydrochloride

Giardia muris
Canese, A., 1974, Rev. Paraguaya Microbiol., v. 9 (1), 34
Rattus norvegicus (contento intestinal): Capista, Paraguay

Giardia muris, illus.
de Carneri, I.; and Trane, F., 1976, Parasitologia, v. 18 (1-3), 13-18
Giardia muris, specific pathogen-free mice, experimental infection by oral administration of trophozoites, quantitative studies, model for drug screening

Giardia muris
Giardia muris in immunocompetent mice, intestinal distribution of trophozoites, attachment and relationships to intestinal mucosa (particularly Peyer's patches), normal reaction of intestine and intestinal immune organs; includes some incidental observations on Hexamita muris

Giardia muris
Grant, D.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1360-1366
Giardia spp. in small mammals, comparative studies, results suggest host specificity of some spp., infectivity of stored cysts varies with temperature, lack of prophylactic effect in rats treated with metronidazole or quinacrine hydrochloride

Giardia muris Grassi, 1881, illus.
Grant, D. R.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1348-1359
Giardia spp. in small mammals, prevalence, morphological and morphometrical studies of trophozoites
Rattus norvegicus: southern Ontario
Mus musculus

Giardia muris, illus.
Havunga, J. Zool., v. 56 (9), 1360-1366

parasitic protozoa, mixture of polyvinyl alcohol and Bouin's solution found to be satisfactory fixative and adhesive for smears, smears may be stored dry prior to staining with little apparent damage to protozoa

Giardia muris
MacDonald, T. T.; and Ferguson, A., 1978, Gastroenterology, v. 74 (3), 496-500
Giardia muris, Hexamita muris, mice (exper.), effects of chronic infection on small intestinal epithelial cell kinetics

Giardia muris, illus.
Giardia muris, laboratory mice, pathogenicity, morphological findings, transmission electron, scanning electron and light microscopy

Giardia muris, illus.
Nemanic, P. C.; et al., 1979, J. Infect. Dis., v. 140 (2), 222-228
Giardia muris, occurrence of endosymbiotic microbes; G. muris, G. lamblia, organelle distribution

Giardia muris, illus.
Owen, R. L.; Nemanic, P. C.; and Stevens, D. P., 1979, Gastroenterology, v. 76 (4), 757-769
Giardia muris in immunocompetent mice, intestinal distribution of trophozoites, attachment and relationships to intestinal mucosa (particularly Peyer's patches), normal reaction of intestine and intestinal immune organs; includes some incidental observations on Hexamita muris

Giardia muris
Giardia muris, course of infection in inbred mouse strains and in nude mice, susceptibility to reinfection in inbred strains, cell and serum transfer studies in nude mice, small bowel morphology in infected mice, potential use of this Giardia model

Giardia muris
Roberts-Thomson, I. C.; and Mitchell, G. F., 1979, Infect. and Immun., v. 24 (3), 971-973
Giardia muris, mice, protective effect of injection of trophozoites in Freund complete adjuvant, host strain differences

Giardia muris
Giardia muris-infected mice, resistance to infection transferred passively in mother's milk, during lactation in immune females maternal intestinal resistance to Giardia is temporarily lost

Giardia muris
Stevens, D. P.; Frank, D. M.; and Mahmoud, A. A. F., 1978, J. Immunol., v. 120 (2), 680-682
Giardia muris in nude mice, demonstration of persistent infection and failure to acquire demonstrable resistance to subsequent challenge

Giardia muris, illus.
Stevens, D. P.; and Roberts-Thomson, I. C., 1978, Am. J. Path. (429), v. 90 (2), 529-532
Giardia muris-infected mice used as laboratory model for systematic study of human giardiasis caused by G. lamblia

Giardia muris, illus.
Giardia muris found attached to acetalubar tegument of Mathevotaenia symmetrica parasitizing small intestine of Mus musculus, paraneoxenous association, probably accidental and probably occurs when heavy infections of Giardia are present in mouse intestine
Giardia muris race mesocricetus Filice, 1952
Grant, D. R.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1348-1359
as syn. of Giardia mesocricetus Filice, 1952 emend.

Giardia peromysci Filice, 1952 emend., illus.
Grant, D. R.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1348-1359
Giardia spp. in small mammals, prevalence, morphological and morphometrical studies of trophozoites
Syn.: Giardia duodenalis race peromysci Filice, 1952
Peromyscus maniculatus (intestine): southern Ontario

Giardia peromysci
Grant, D.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1360-1366
Giardia spp. in small mammals, comparative studies, results suggest host specificity of some spp., infectivity of stored cysts varies with temperature, lack of prophylactic effect in rats treated with metronidazole or quinacrine hydrochloride

Giardia simoni Lavier, 1924, illus.
Grant, D. R.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1350-1359
Giardia spp. in small mammals, prevalence, morphological and morphometrical studies of trophozoites
Rattus norvegicus: southern Ontario

Giardia simoni
Grant, D.; and Woo, P. T. K., 1978, Canad. J. Zool., v. 56 (6), 1350-1356
Giardia spp. in small mammals, comparative studies, results suggest host specificity of some spp., infectivity of stored cysts varies with temperature, lack of prophylactic effect in rats treated with metronidazole or quinacrine hydrochloride

Giardiasis
human protozoan infections, drugs in current use, dosage recommendations, review

Giardiasis
lambliasis, woman, evidence of congenital hemorrhagic disorder (Owen's disease) first manifested when patient developed intestinal malabsorption associated with parasitic infection: Marseille

Giardiasis
Caspar, W. F., 1979, Therapiewoche, v. 29 (11), 1843-1861
maldigestion and malabsorption syndromes, humans, clinical review, mentions lambliasis and other parasitic infections

Giardiasis
Chawla, L. S.; et al., 1975, Scand. J. Gastroenterol., v. 10 (4), 445-447
giardiasis, humans, decreased trypsic activity in duodenal aspirate of infected persons, comparison studies with normal controls, activity returned to normal after eradication of parasites

Giardiasis
Garg, A. K.; and Jain, A., 1979, Indian Pediat., v. 16 (10), 915-916
Entamoeba histolytica, giardiasis, children, metronidazole: India

Giardiasis
intestinal parasites, humans, current therapeutics, review

Giardiasis
Enterobius, lambliasis, institutionalized children, control by improved sanitation and hygiene in conjunction with anthelmintics

Giardiasis
Komaiakov, V. S.; and Iatskiv, V. I., 1976, Terap. Arkh., v. 48 (5), 130-132
opisthorchiasis, lambliasis, and chronic throat infection associated with infectious-allergic form of myocarditis, 26-year-old man, case report

Giardiasis
giardiasis, humans, efficacy of various drugs, comparative study, side-effects

Giardiasis
Niesseen, K. H., 1978, Therapiewoche, v. 28 (21), 4286-4292
differential diagnosis of chronic malabsorption and maldigestion syndromes in children, mentions lambliasis and ascaridiasis

Giardiasis
lambliasis, human, therapy with tinidazole, good results

Giardiasis
small intestinal malabsorption, humans, giardiasis among causes: South-Western Cape

Giardiasis
gastric acid secretions in intestinal malabsorption conditions including giardiasis, humans

Giardiasis
intestinal parasites, humans, mean eosinophil count higher in infected patients vs. controls, no correlation between eosinophil levels and different intestinal helminths: Nairobi, Kenya

Giardiasis
parakeets from 6 aviaries
Giardiasis
Richle, R.; et al., 1978, Arzneimittel-Forsch., v. 28 (4), 612-625
trichomoniasis, amoebiasis, lambliasis, extensive in vitro and in vivo trials (humans, domestic animals, laboratory animals) with ornidazole to establish chemotherapeutic properties, efficacy slightly superior to metronidazole in comparative trials

Giardiasis
parasitic diseases, human, serum immunoglobulin and complement profile: India

Giardiasis
identification of gallbladder bile during duodenal intubation, includes information on diagnosis of human lambliasis

Giardiasis
identification of gallbladder bile during duodenal intubation, includes information on diagnosis of human lambliasis

Giardiasis
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
avian Plasmodium spp. of 4 subgenera, list of type material in Garnham Collection of Wellcome Museum of Medical Science; neotypes designated

Globidium [sp.]
globidium cyst-like bodies, host cell confirmed as being alive and intact: Bonn

Globidium [sp.]
globidium cyst-like bodies containing multinucleate schizonts or merozoites, sheep (abomasum), ultrastructure, merozoite formation, host cell confirmed as being alive and intact: Nigeria

Globoides subgen. n.
subgen. of Cepedea
type sp.: Cepedea (Globoides) globosa Metcalf, 1923

Globoides
subgen. of Cepedea, key

Globulocephalus, nov. gen.
Actinocephalidae
tod: G. hydropsyches, n. g., n. sp.

Globulocephalus
Hydropsyche sp.: torrents d'Auvergne

Glossatella piscicola
Glossatella piscicola, possible pathogenicity discussed
Regenbogenforelle (Korperoberflache)

Glugea sp.
ichthyoparasite fauna, extensity and intensity of invasion, species composition [Pisces] bychok-zelenchak [Pleuronectes flesus] all from 4 estuaries, Black Sea (northern coastal region)

Glugea anomala (Moniez, 1887)
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (body cavity): near Vancouver, British Columbia

Glugea anomala (Moniez, 1887)
brief description
Gasterosteus aculeatus (branchial cavity, subcutaneous connective tissue): Bay of Fundy, New Brunswick

Glugea atherinae n. sp., illus.
Berrebi, P., 1979, Ztschr. Parasitenk., v. 60 (2), 105-122
Glugea atherinae n. sp., ultrastructure, life cycle
Atherina boyeri (tube digestif, cavite generale): Lagunes du Languedoc et de Provence

Glugea berglax n. sp., illus.
Macrourus berglax n. sp., ultrastructure, life cycle
Atherina boyeri (tube digestif, cavite generale): Lagunes du Languedoc et de Provence

Glugea berglax n. sp., illus.
Macrourus berglax (muscular layer of intestine): northern edge of Grand Banks of Newfoundland

Glugea bracteata Strickland, 1913
as syn. of Amblyospora bracteata (Strickland, 1913) comb. n.

Glugea brachiale (Nemeczek, 1911) emend., illus.
description
Melanogrammus aeglefinus (gill filaments): Passamaquoddy Bay at St. Andrews, Bay of Fundy, New Brunswick, Canada
Glugea habrodesmi Loubes, Maurand, Gasc & Bouix, illus.
Loubes, C., 1979, J. Protozool., v. 26 (2), 200-208
Microsporida, synaptonemal complexes demonstrated in 6 genera but not in Nosema, implications for life cycles
Habrodesmus fallx
Oxydesmus granulosus
all from Republique Populaire de Benin (ex-Dahomey)

Glugea heraldi n. sp., illus.
Blasiola, G. C., jr., 1979, J. Fish Dis., v. 2 (6), 493-500
Glugea heraldi n. sp., histopathology
Hippocampus erectus (subcutaneous connective tissue): Florida

Glugea hertwigi, illus.
Scarborough, A.; and Weidner, E., 1979, Biol.
Bull., v. 157 (2), 334-343
Glugea hertwigi in Osmerus mordax, prevalence in ovaries of spawning female hosts, transmission to young smelt by direct ingestion of spores or by ingestion of spore-carrying zooplankton, parasite development and xenoma growth
Osmerus mordax (intestine, ovaries) (nat. and exper.): Wheatley, Ontario, on Lake Erie; Jones River, near Plymouth, Cape Cod, Massachusetts
cladocerans (digestive tract) (exper.) copepods (digestive tract) (exper.)

Glugea hertwigi, illus.
Sherburne, S. W.; and Bean, Laurie L., 1979,
Glugea hertwigi and piscine erythrocytic necrosis (PEN) in Osmerus mordax, incidence and geographic distribution, no apparent relation between G. hertwigi and PEN: North Atlantic coast from Massachusetts to the Canadian Maritimes; inland lakes of Maine

Glugea hertwigi Weissenberg
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao
(Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Goussia variabilis Lahme, 1896
as syn. of Eimeria variabilis (Thelohan, 1893) Reichenow, 1921

Grahamella sp.
Abranches, P.; and Magalhaes, C., 1977, Rev.
Rhinothopus ferrumequinum: Olhos de Agua, near Santana, Brazil

Grahamella sp.
[Citallactaga fultus]
[Allactaga severtzovii]
[Allactaga elater]
all from Kashkadar'insk oblast

Grahamella sp.
Sorex araneus (Blut, Herz, Lunge)
S. minutus (Blut, Lunge, Milz)
Myotis myotis (Lunge)
Rattus norvegicus (Blut, Herz, Lunge, Milz)
R. rattus (Blut, Herz, Lunge, Milz)
Mus musculus (Blut, Herz, Lunge, Leber)
Apodemus flavicollis (Blut, Herz, Lunge, Milz)
A. sylvaticus (Blut, Herz, Lunge, Leber, Milz, Muskulatur)
Microtus oeconomus (Blut, Herz, Lunge)
M. arvalis (Herz, Lunge)
M. agrestis (Blut, Herz, Lunge)
all from Neuvedelherseegebiet, nordlichen Burgenland

Grahamella [sp.], illus.
Rattus norvegicus: Rio de Janeiro, Guanabara

Grahamella sp.
Leong, T. S.; et al., 1979, Southeast Asian J.
parasites of Rattus r. diardii, influence of human habitats on rat parasite fauna
Rattus rattus diardii (blood): Kuala Lumpur and nearby villages

Grahamella peromysci
Peromyscus leucopus (blood): Connecticut

Grahamia [sp.]
Hemiechinus hypomelas: southern Turkmenistan

Grahamia alactagae Tartakowskyi, 1917
Alactaga elater: southern Turkmenistan

Grahamia gerbilli Zasukhin, 1937
Rhombomys opimus: southern Turkmenistan

Grahamia sylvaticus Parswanidse, 1925
Mus musculus severtzovii: southern Turkmenistan

Grebnickiella gracilis (Grebnicki), illus.
Grebnickiella gracilis, gametogenesis, electron microscopy

Grebnickiella gracilis (Grebnicki), illus.
Molon-Noblot, S.; and Desportes, I., 1977,
Grebnickiella gracilis, first description of synaptonemal complexes in meiotic nucleus of sporozoan

Grebnickiella pixelae Misra
Dass, C. M. S.; and Singotam, L., 1978,
Electron Micr., v. 22, Biol., 440-447
Grebnickiella pixelae, ultrastructure of early developmental stages
Gregarina Dufour, 1828
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Gregarinidae
diagnosis

Gregarina sp., illus.
description
Cycloneda sanguinea: Manguinhos

Gregarina sp.
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275
Nebria lafresnayei

Gregarina sp.
Purrini, K.; Bukva, V.; and Baeumler, W., 1979, Pedobiologia, v. 19 (5), 329-339
Eupelops subulinus
Rhysiotritia ardua
all from Nadelwaldbestanden in Suddeutschland

Gregarina blaberae, illus.
Tenebrioideae mauretanicus: Kosova-Gebietes, Jugoslawien

Gregarina ambigua sp. nov., illus.
Forfícula ambigua (mid-intestine): Karnatak University Campus, Dharwar, India

Gregarina blaberae, illus.
Philippe, M.; et al., 1979, Biol. Cell., v. 35 (2), 165-174
Gregarina blaberae, glycoconjugates of cell surface studied by carbohydrate cytochemistry and biochemistry on isolated 'ghost' fraction

Gregarina blaberae, Frenzel, illus.
Gregarina blaberae, life cycle, development Blabera fusca (caecums intestinaux, tube digestif antérieur): Amerique du Sud

Gregarina brasiliensis Pinto, 1918
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Chilogregarina brasiliensis (Pinto, 1918) comb. n.

Gregarina coccinellae Lipa, 1967, illus.
role of pathogens and parasites in survival of Coccinellidae spp. during winter
Exochomus quadripustulatus
Harmonia quadripustulata
Myrrha octodecimguttata
all from Poland

Gregarina curvata
Purrini, K.; and Ormieres, R., 1979, Zool.
Anz., Jena, v. 202 (5-6), 437-443
Tenebrioideae mauretanicus: Kosova-Gebietes, Jugoslawien

Gregarina Dufour, 1828
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Gregarinidae
diagnosis

Gregarina echiuri
as syn. of Conorhynchus gibbosus nov. gen. et nov. spec.

Gregarina fuscozetis n. sp., illus.
Purrini, K.; Bukva, V.; and Baeumler, W., 1979, Pedobiologia, v. 19 (5), 329-339
Fuscozetes setosus: Nadelwaldbestanden in Suddeutschland

Gregarina garnhami, illus.
Gregarina garnhami, bacteria-like structures in endoplasm, light and electron microscopy

Gregarina garnhami, illus.
Walker, M. H.; et al., 1979, J. Protozool., v. 26 (4), 506-574
Gregarina garnhami, structure and gliding movement, light microscopy, scanning and transmission electron microscopy

Gregarina hyalella Batten & DeGiusti, 1949
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Degiustia hyalella (Batten & DeGiusti, 1949) comb. n.

Gregarina kamenote Hoshide, 1951
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Cirrigrregarina kamenote (Hoshide, 1951) comb. n.

Gregarina longa
Sherlock, P. L., 1979, Parasitology, v. 78 (2), 207-220
Tipula paludosa (intestine)

Gregarina macrotermitis n. sp., illus.
Macrotermes estherae (foregut, lumen of midgut, hindgut): Anähra University at Waltair

Gregarina megaspora sp. nov., illus.
Forfícula ambigua (mid-intestine): Karnatak University Campus, Dharwar, India

Gregarina nitida Geus, 1969
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Arachnocystis nitida (Geus, 1969) comb. n.

Gregarina ophoni Tuzet et Ormieres, 1956, illus.
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275
Ophonus similis: region de Sete

Gregarina oribatae Geus, 1969
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Arachnocystis oribatae (Geus, 1969) comb. n.
Gregarina peloris n. sp., illus.
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275
Pelor obesus: Lac d’Oncet (Hautes-Pyrenees)

Gregarina postneri n. sp., illus.
Purrini, K.; Bukva, V.; and Baeumler, W., 1979, Pedobiologia, v. 19 (5), 329-339
Hermannia gibba (Caeca, Magen): Nadelwald-bestanden in Sueddeutschland

Gregarina pterotracheae (Stuart, 1971) Labbe (1899)
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Molluskocystis pterotracheae (Stuart, 1871) comb. n.

Gregarina ruszkowski Lipa, 1967, illus.
role of pathogens and parasites in survival of Coccinellidae spp. during winter
Adalia bipunctata: Exochomus quadripustulatus
as syn. of G. scutovertexi (Erhardova, 1955) comb. n.

Gregarina scutovertexi Erhardova, 1955
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Arachnocystis scutovertexi (Erhardova, 1955) comb. n.

Tenebrioides mauretanicus: Kosova-Gebietes, Jugoslawien

Gregarines, possibly Nematopsis-Porospora group, illus.
Gregarines, possibly Nematopsis-Porospora group in Crassostrea virginica, seasonal pathology suggests that parasites overwinter in hibernating oysters, undergo vegetative growth in the spring, and then perish or undergo further development in an unknown host
Crassostrea virginica (digestive tract): New Haven Harbor, Connecticut; Chesapeake Bay tributaries, Maryland

Gregarines?
Palaepsylla t. tauberi (stomach): Dhaulagiri region of western Nepal

Gregarinidae Labbe, 1899
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
diagnosis, includes: Gregarina; Degiustia gen. n.; Cirrigregarina gen. n.; Molluskocystis gen. n.

Gullmarella Fenchel, 1964
Hymenostomatida, Tetrahymenina, Entodiscidae fam. n.

Gurleya chironomi Loubes et Maurand, 1975, illus.

Gurleya chironomi Loubes et Maurand, illus.
Orthocladius sp.: environs de Montpellier
Corynoneura sp. (fat body): lake Vrevo, Leningrad oblast and lake Uchenoe, Pskovsk oblast
Haemobartonella canis, dog, case report with cold-agglutinin hemolytic anemia complicated by infection with Babesia gibsoni, scanning and transmission electron microscopy: Japan

Haemobartonella sp., horses, symptoms, diagnosis and treatment with chlorpromazine + berenil: Niger

Haemobartonella sp., illus.

Haematoxenus Uilenberg, 1964

Haematoxenus veliferus Uilenberg, 1964

Haematoxenus separatus Uilenberg and Andreasen, 1974

Haematoxenus sp., illus.

Haemamoeba Bellamy, J.
Haemobartonella felis
Haemobartonella felis, cats (nat. and exper.), thiacetarsamide sodium therapy; prednisolone, tetracycline, and chloramphenicol given sequentially

Haemobartonella muris, illus.
Haemobartonella muris, splenectomized rats, course of infection not altered by administration of biotin

Haemobartonella muris
Schottelius, J., 1977, Tropedmed. u. Parasitol., v. 28 (4), 533-538
Trypanosoma cruzi, course of infection in non-splenectomized SPF rats with and without Haemobartonella muris infection

Haemobartonella muris
Sogandares-Bernal, F.; and Chandler, J., 1978, J. Parasitol., v. 64 (3), 547-548
Haemobartonella muris infections of laboratory mice as problem in routine passage of trypanosomes, method devised to remove most of Haemobartonella from donor blood sample to be transferred to recipient

Haemobartonella procyoni, illus.
Hematotropic parasites of Procyon lotor, carrier potential as related to translocation and release for hunting purposes, practice is considered biologically hazardous: southeastern United States
Procyon lotor: Hillsborough County, Florida

Haemobartonella ranarum Cunha & Muniz, 1926
Leptodactylus ocellatus: Manguinhos, Guanabara

Haemobartonella ranarum, illus.
morphology, diagnostic differentiation
Leptodactylus ocellatus

Haemobartonellosis
haemobartonellosis, dog, case report, tetracycline

Haemogregarina sp.
sporozoans, staining for nucleic acids Bothrops jararacussu

Haemogregarina sp. sensu lato [sp.], illus.
Geochelone denticulata (sangue): Serra do Navio no Km 190 da Estrada de Ferro Amapa, Amapa

Haemogregarina sp.
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

Haemogregarina [sp.], illus.
Dendrobates trivittatus (sangue): selva amazonica, Huanuco, Peru

Haemogregarina sp., illus.
Pholis gunnellus: Kent Island, New Brunswick
Spheroides maculatus: Woods Hole, Massachusetts
Liparis atlanticus: Kent Island, New Brunswick
(blood of all)

Haemogregarina [sp.], illus.
Paperna, I., 1979, Ann. Parasitol., v. 54 (4), 385-392
Sparus aurata (kidneys, liver and gut wall): cultured at Israel Oceanographic and Limnologic Research Mariculture Laboratory at Elat, gulf of Aqaba, Red Sea; collected in Bardawil lagoon on Mediterranean coast of Sinai
Siganus luridus (liver): northern gulf of Aqaba, Red Sea

Haemogregarina achiri Saunders (1955)
"... it is submitted that the name H. achiri may have to be discarded as a synonym of H. platessae."

Haemogregarina aeglefini Henry, 1913, illus.
description
Syn.: H. urophysis Fantham et al.
Melanogrammus aeglefinus: St. Andrews, New Brunswick
Pollachius virens: St. Andrews, New Brunswick
Urophycis tenuis: St. Andrews, New Brunswick
Kittery, Me.
(blood of all)

Haemogregarina bigemina Laveran and Mesnil, 1901, illus.
brief description
Centropristis striatus (blood): Woods Hole, Massachusetts

Haemogregarina bigemina
Ollenschlaeger, B., 1975, Tierarztl. Prax., v. 3 (1), 99-107
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review
Haemogregarina catostomi
Ollenschlaeger, B., 1975, Tierarztl. Prax., v. 3 (1), 99-107
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

Haemogregarina cyprini, illus.
Kudriashova, Iu. V.; and Naumova, A. M., 1978, Veterinariia, Moskva (4), 76-78
Haemogregarina cyprini, carp, schizogenous stages in blood plasma and kidney smears, host blood values

Haemogregarina delagei
Ollenschlaeger, B., 1975, Tierarztl. Prax., v. 3 (1), 99-107
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

Haemogregarina delagei Laveran & Mesnil, 1902
Becker, C. D.; and Overstreet, R. M., 1979, J. Fish Dis., v. 2 (6), 469-479
Raja eglanteria (blood): northern Gulf of Mexico

Haemogregarina delagei
Raja erinacea: Whiting Bay, Maine

Haemogregarina delagei Laveran and Mesnil, 1902, illus.
description
Squalus acanthias
Raja erinacea
R. radiata
(blood of all): all from St. Andrews, New Brunswick

Haemogregarina gadi pollachii
discarded as nomen nudum

Haemogregarina irkulakpiki Laird, 1961
Prosopium cylindraceum (erythrocytes):
Aishihik Lake, Yukon Territory
Coregonus clupeaformis (erythrocytes):
Aishihik Lake and Stevens Lake, Yukon Territory

Haemogregarina leptodactylus
Lesage, 1908
Leptodactylus occellatus: Manguinhos, Guanabara

Haemogregarina leptodactylus
sporozoans, staining for nucleic acids

Haemogregarina leptodactylus
Lesage, 1908, illus.
Haemogregarina leptodactylus, cytochemical studies
Leptodactylus occellatus: Brazil

Haemogregarina leptodactylus
Haemogregarina leptodactylus n. sp., life cycle
Scophthalmus maximus (blood, haemopoietic tissue and other organs): fish farms, Hunterston, Ayrshire, Scotland

Haemogregarina lepomis Baird, 1932
Baird, B. W., 1932, J. Parasitol., v. 26 (4), 1075-1102
description

Haemogregarina mavori
Haemogregarina mavori n. sp., illus.
Macrozoarcus americanus (blood): fish farms, New Brunswick

Haemogregarina mavori
Haemogregarina mavori n. sp., illus.
Macrozoarcus americanus (blood): St. Andrews, New Brunswick

Haemogregarina mavori
Haemogregarina mavori n. sp., illus.
Macrozoarcus americanus (blood): fish farms, New Brunswick
Haemogregarina simondi (Laveran and Mesnil, 1901), illus.
Kirmse, P., 1979, Ztschr. Parasitenk., v. 59 (2), 141-150
Haemogregarina simondi, redescription of life cycle
Solea solea (blood): White Fish Authority fish farm, Hunterston, Scotland

Haemogregarina stepanowi, probably
parasitic and other diseases of terrapins and turtles, necropsy survey
Emys orbicularis

Haemogregarina stepanovi (Dan., 1886), illus.

Haemogregarina uncinta sp. n., illus.
Khan, R. A., 1978, J. Parasitol., v. 64 (1), 35-44
Haemogregarina uncinta sp. n., life cycle
Leech (Johanssonea sp.) as probable vector
Lycodes lavalaei (erythrocytes): Grand Banks, northwestern Atlantic Ocean, off Newfoundland
L. vahlii (erythrocytes): Grand Banks, northwestern Atlantic Ocean, off Newfoundland
Johanssonea sp. (stomach cecum, intestinal lamina, intestinal epithelium) (exper.)

Haemogregarina urophysis Fantham et al.
as syn. of H. aeglefini Henry, 1913

Haemogregarine
Becker, C. D.; and Overstreet, R. M., 1979, J. Fish Dis., v. 2 (6), 469-479
Dasyatis sabina (blood): northern Gulf of Mexico

Haemogregarines
Beler, T. V.; and Sidorenko, N. V., 1972, Parazitologiya, Leningrad, v. 6 (4), 385-390
haemogregarine-infected erythrocytes of Lacerta armarnaica and L. mexicola materiosa changes in hemoglobin and total protein content

Haemogregarine, similar to Haemogregarine E-type, illus.
Ishii, A., 1973, Snake, v. 5 (1-2), 133-140
Trimeresurus flavoviridis (blood, liver): Amami-oshima, southern Japan

Haemogregarines
Emydoidea blandingi

Haemogregarines
Moreno, E.; and Bolanos, R., 1977, Rev. Biol. Trop., v. 25 (1), 47-57
Lachesis muta (pulmon, sangre, higado)
Crotalus durissus (sangre)
Bothrops asper (sangre)
B. piscadoi (sangre)
B. nummifer (sangre)
B. godmani (sangre)
Micrurus nigrocinctus (sangre)
Clelia clelia (sangre)
Boa constrictor (sangre)
Amblyomma dissimile (cavidad general, ampolla rectal)
all from Costa Rica

Haemogregarines
Troglydytes trogloidytes
Sylvia curruca
Phylloscopus trochilis
Parus caeruleus
P. major
all from near Tring, Hertfordshire

Haemogregarine A-type, illus.
Toshioka, S., 1970, Snake, v. 2 (1), 53-56
Agkistrodon halys: Japan

Haemogregarine B-type, illus.
Toshioka, S., 1970, Snake, v. 2 (1), 53-56
Agkistrodon halys: Korea

Haemogregarine C-type, illus.
Toshioka, S., 1970, Snake, v. 2 (1), 53-56
Rhabdophis t. tigrinus

Haemogregarine D-type, illus.
Toshioka, S., 1970, Snake, v. 2 (1), 53-56
Dinodon semicarinatus: Japan Snake Institute

Haemogregarine E-type, illus.
Toshioka, S., 1970, Snake, v. 2 (1), 53-56
Trimeresurus okinavensis: Japan Snake Institute

Haemogregarine F-type, illus.
Toshioka, S., 1970, Snake, v. 2 (1), 53-56
Trimeresurus tokaresiensis: Japan Snake Institute

Haemogregarine G-type, illus.
Toshioka, S., 1970, Snake, v. 2 (1), 53-56
Elape quadrivirgata: Japan Snake Institute

Haemohormidium Henry
Syn.: Babesiosoma Jakowska and Nigrelli

Haemohormidium sp., illus.
description
Heminitrimeresurus americanus
Hippoglossoides platessoides (blood of all): all from St. Andrews, New Brunswick

Haemohormidium aulopi (Mackerras and Mackerras, 1925) [n. comb.]

Haemohormidium jahni (Nigrelli, 1929) [n. comb.]

Haemohormidium mariiae (Hoare, 1930) [n. comb.]

Haemohormidium rubrimarensis (Saunders, 1960) [n. comb.]

Haemohormidium stableri (Schmittner and McGhee, 1961) [n. comb.]
Haemohormidium tetragonis (Becker and Katz, 1965) [n. comb.]

Haemoproteus
Bennett, G. F., 1978, Canad. J. Zool., v. 56 (8), 1721-1725
key to species of Haemoproteus parasitic in Meroptidae

Haemoproteus

Haemoproteus (or Paraheamoproteus) [sp.]
Pringilla coelebs
Garrulus glandarius
Muscicapa striata
Passer domesticus
Sturnus vulgaris
Turdus ericetorum
T. merula
Athene noctua
Columba palumbus
Lagopus scoticus
all from Britain

Haemoproteus [sp.]
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442
hematozoa of passeriforms, prevalence, effect of climate, application of insecticide, and large-scale environmental alteration

Carpodacus purpureus
Junco hyemalis
Melospiza georgiana
M. lincolni
M. melodia
Passerellus sandwichensis
Pheucticus ludovicianus
Poecetes gramineus
Spinus tristis
Zonotrichia albicollis
sparrows, unknown
Agelaius phoeniceus
Dolichonyx oryzivorus
Molothrus ater
Quiscalus quiscula
Dumetella carolinensis
Dendroica coronata
D. fusca
D. magnolia
D. palmarum
D. pensylvanicus
D. petechia
D. striata
D. tigrina
Geothlypis trichas
Selurus novaboracensis
Setophaga ruticilla
Vermivora peregrina
V. ruficapilla
Wilsonia pusilla
Catharus guttatus
C. ustulatus
Turdus migratorius

Haemoproteus [sp.].-- Continued.
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442
Empidonax traxill
Empidonax sp.
Tyrannus tyrannus
Vireo olivaceus
Piranga olivacea
Catharus fuscescens
all from New Brunswick

Haemoproteus sp.
Pogonius bilineatus
Chrysococcyx caprius
Hirundo lucida
N. griseopyga
Aerops albicollis
Melittophagus variegatus
Anthus leucophryns
Macronyx croceus
Motacilla alba
M. flava
Dyaphorophyia castanea
Paroica plumbeum
Ichthria nigricaps
Cinnyris chloroppygus
Nectarinia senegalensis
N. verticalis
Plocepasser mahali
P. aurantius
P. cucullatus
P. luteolus
P. nigerrimus
P. nigriceps
P. ocularis
P. weynsi
Quelea erythrpants
Pycnonotus virens
Camaroptera brevicaudata
Sylvia borin
Trichastoma ulvscens
Zosterops senegalensis
(blood of all): all from Uganda

Haemoproteus sp.
Leptoptilos crumeniferus (blood): Mukono abattoir, about 16 km from Kampala, Uganda

Haemoproteus [sp.]
Strix varia
Bubo virginianus
Otus asio
Buteo jamaicensis
Falco sparrowius
Accipiter cooperii
Buteo lagopus
all from Oklahoma

Haemoproteus [sp.]
Muscicapa striata: near Tring, Hertfordshire

Haemoproteus [sp.]
White, E. M.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (10), 2110-2116
Hirundo senegalensis
H. tahitica
Ptenoprogne fuligula
Hirundo cucullata
Haemoproteus [sp.]
Williams, N. A.; and Bennett, G. F., 1978, J. Parasitol., v. 64 (3), 556-558
Junco hyemalis: Maryland
Melospiza melodia: Maryland
Spinus pinus: Maryland
Zonotrichia leuconotus: Maryland
Vermivora celata: Maryland
Catharus guttatus: Maryland
C. ustulatus: Maryland
all from 16 km west of Courtenay, British Columbia

Haemoproteus [spp.]
Williams, N. A.; and Bennett, G. F., 1978,
Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Accipiter cooperi: Maryland
Buteo jamaicensis: Maryland
B. platypterus: Maryland
Olor columbianus: Maryland
Oxyura jamaicensis: Maryland
Egretta thula: Maryland or New Jersey
Nycticorax nycticorax: New Jersey
Cathartes aura: Maryland, and/or New Jersey
Vireo flavifrons: Maryland
Corvus brachyrhynchos: Maryland
Cyanocitta cristata: Maryland, and/or New Jersey
Cardinalis cardinalis: Maryland, and/or New Jersey
Junco hyemalis: Maryland, and/or New Jersey
Melospiza melodia: Maryland, and/or New Jersey
Pheucticus ludovicianus: Maryland, and/or New Jersey
Pipilo erythrophthalmus: Maryland, and/or New Jersey
Spinus tristis: Maryland or New Jersey
Spizella passerina: Maryland, and/or New Jersey
S. pusilla: Maryland, and/or New Jersey
Zonotrichia albicollis: Maryland, and/or New Jersey
Agelaius phoeniceus: Maryland, and/or New Jersey
Icterus galbula: Maryland, and/or New Jersey
Melothrus ater: Maryland, and/or New Jersey
Quiscalus quiscula: Maryland, and/or New Jersey
Dumetella carolinensis: Maryland, and/or New Jersey
Mimus polyglottos: Maryland or New Jersey
Toxostoma rufum: Maryland, and/or New Jersey
Parus bicolor: Maryland, and/or New Jersey
Dendroica coronata: Maryland, and/or New Jersey
D. petechia: Maryland
Geothlypis trichas: Maryland
Icteria virens: Maryland, and/or New Jersey
Mniotilta varia: Maryland, and/or New Jersey
Seiurus aurocapillus: Maryland, and/or New Jersey
Wilsonia citrina: Maryland
Colinus virginianus: Maryland, and/or New Jersey
Passer domesticus: Maryland, and/or New Jersey
Porzana carolinensis: Maryland
Calidris minitulla: Maryland
C. pusilla: Maryland
Otus asio: Maryland
Strix varia: Maryland, and/or New Jersey
Sturnus vulgaris: Maryland, and/or New Jersey
Piranga olivacea: Maryland

Haemoproteus [spp.]: Continued.
Williams, N. A.; and Bennett, G. F., 1978,
Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Hocichila mustelina: Maryland or New Jersey
Turdus migratorius: Maryland, and/or New Jersey
Myiarchus crinitus: Maryland
Sayornis phoebe: Maryland, and/or New Jersey
Tyrannus tyrannus: Maryland
Vireo olivaceus: Maryland, and/or New Jersey

Haemoproteus [sp.]
Winchell, E. J., 1978, J. Parasitol., v. 64 (3), 558-559
Piranga ludovician: El Salvador

Haemoproteus spp.
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Estrildidae
Passer griseus: Maryland
Ploceus cucullatus: Maryland
Ploceus nigerrimus: Maryland
Ploceus atrogularis: Maryland
Hippolais polyglotta: Maryland
all from Ghana

Haemoproteus acanthis Musaev & Zeiniev, 1977
Peerce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359	nomen nudum

Haemoproteus accipiter Zeiniev, 1975; Musaev & Zeiniev, 1977
Peerce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359	nomen nudum

Haemoproteus archilochus Coatney and West 1938
Williams, N. A., 1978, J. Parasitol., v. 64 (3), 556-558
Selasphorus rufus: 16 km west of Courtenay, British Columbia

Haemoproteus asio Zeiniev, 1975; Musaev & Zeiniev, 1977
Peerce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359	nomen nudum

Haemoproteus brodkorbi sp. nov., illus.
Forrester, D. J.; et al., 1977, Canad. J. Zool., v. 55 (8), 1268-1274
Leptoptilos crumeniferus: Mukono, 10 mi. from Kampala, Uganda

Mycteris americana: Fisheating Creek Wildlife Refuge, Glades County, Palm Lake, Florida
(blood of all)

Haemoproteus caprimulgii Musaev & Zeiniev, 1977
Peerce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
hnomenym of N. caprimulgii Williams, Bennett & Mahr, 1975

Haemoproteus caprimulgii Williams, Bennett, and Mahr 1975
Williams, N. A., 1978, J. Parasitol., v. 64 (3), 556-558
Chordeiles minor: 16 km west of Courtenay, British Columbia

Haemoproteus chelidonis Franchini, 1922
White, E. M.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (10), 2110-2116
A taxonomic review, species inquirenda
Haemoproteus chukari Tartakovsky, 1913
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus columbae Kruse, illus.
Haemoproteus columbae in pigeons, growth and development of gametocytes, effect on host cell, multiple infection of erythrocytes, sex ratio

Haemoproteus columbae Kruse
Haemoproteus columbae in Columbia livia (exper.), course of infection, relapse, and immunity to reinfection

Haemoproteus columbae
da Costa, S. C. G.; and Sheik, A. H., 1978, Pakistan J. Sc., v. 30 (1-6), 165-167
chickens, Desi, white leghorns: Lahore Zoo

Haemoproteus coraciatis Tartakovsky, 1913
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus coturnix Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus crumenium (Hirst, 1905)
Forrester, D. J.; et al., 1977, Canad. J. Zool., v. 55 (8), 1268-1274
nomen dubium

Haemoproteus cuculus Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus danilewskyi Kruse, 1890
Phoenicurus phoenicurus
Sylvia borin
S. curruca
S. atricapilla
Parus major
P. coeruleus
(blood of all): all from central course of Ural river, Priural region, Ural oblast

Haemoproteus emberiza Berson, 1964
Emberiza citrinella (blood): central course of Ural river, Priural region, Ural oblast

Haemoproteus emmersoni Zeiniev, 1975, quotes Berson, 1964, as authority
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum
Haemoproteus janovyi sp. n., illus.
Greiner, E. C.; and Munday, P. J., 1979, J. Parasitol., v. 65 (1), 147-153
Haematozoon from southern African vultures, prevalence, host age class, seasonal variation
Gyps africanus: Sengwa Wildlife Research Area, Rhodesia
Trigonoclados occipitalis: Sengwa Wildlife Research Area, Rhodesia
Torgos tracheliotus: Sengwa Wildlife Research Area, Rhodesia
Necrosyrtes monachus: Rhodesia [and/or] South Africa

Haemoproteus lairidi sp. n., illus.
Bennett, G. F., 1978, Canad. J. Zool., v. 56 (8), 1721-1725
key
Melittophagus variegatus (blood): Entebbe, Uganda

Haemoproteus lanii
Telophorus sulurensis (blood): Uganda

Haemoproteus lanii
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Lanius senator: Ghana

Haemoproteus lanuidae Yakunin, 1976
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus lioxae Tartakovsky, 1913
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus maccallumi, illus.
Haemoproteus, Plasmodium, and hippoboscid ectoparasites of Zenaida auriculata caucae, infection patterns and dove population dynamics, seasonal prevalence Zenaida auriculata caucae (blood) Columbina talpacoti domestic pigeons all from Cauca River valley, Colombia

Haemoproteus maccallumi Novy and MacNeal, 1904
Williams, N. A.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Zenaidura macroura: Maryland

Haemoproteus majoris Zeiniev, 1975; Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
homonym of Haemoproteus majoris (Laveran)

Haemoproteus manwelli sp. n., illus.
Bennett, G. F., 1978, Canad. J. Zool., v. 56 (8), 1721-1725
key
Merops orientalis (blood): Maharashtra, India; Chiangmai, Thailand
M. viridis (blood): Subang, Malaysia

Haemoproteus meropi Zargar, 1945
Bennett, G. F., 1978, Canad. J. Zool., v. 56 (8), 1721-1725
emended to: Haemoproteus meropis

Haemoproteus meropis Tartakovskyi, 1913
Bennett, G. F., 1978, Canad. J. Zool., v. 56 (8), 1721-1725
nomen nudum

Haemoproteus meropis (Zargar, 1945) emend.
Bennett, 1978, illus.
Bennett, G. F., 1978, Canad. J. Zool., v. 56 (8), 1721-1725
redescription, key emendation of: Haemoproteus meropis Zargar, 1945
Merops viridis: Subang, Malaysia
Merops albicollis: Masaka, Uganda (blood of all)

Haemoproteus meropis Tartakovskyi, 1913
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus merulla Zeiniev, 1975; Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus motaillae Zeiniev, 1975; Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus myophonus Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus nettionis
collection of Culicoïdes spp. in bird-baited traps, relative abundance and seasonal occurrence in relation to concurrent avian Haemoproteus infections: Tantramar Marshes, New Brunswick

Haemoproteus nettionis
Williams, N. A.; Caivalley, B. K.; and Mahrt, J. L., 1977, J. Wildlife Dis., v. 13 (3), 226-229
Anas platyrhynchos (blood): Central Alberta and Mackenzie Delta, Northwest Territories
Anas acuta (blood): Mackenzie Delta, Northwest Territories

Haemoproteus oenante Musaev § Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Haemoproteus orizivorae/fringillae
Lagonosticta minor (blood): Subang, Malaysia

Haemoproteus orizivorae
Sylvia atricapilla: near Tring, Hertfordshire
Haemoproteus orizivora
Winchell, E. J., 1978, J. Parasitol., v. 64 (3), 558-559
Dendroica magnolia
Polioptila albilaris
Pheucticus ludovicianus
all from El Salvador

Haemoproteus orizivora Anschutz/fringillae
Labbe complex
Winchell, E. J., 1978, J. Parasitol., v. 64 (3), 558-559
Vermivora peregrina
Vireo gilvus
all from El Salvador

Haemoproteus otus Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 557-559
nomen nudum

Haemoproteus palumbis
Columba palumbus: near Tring, Hertfordshire

Haemoproteus passeris Kruse, 1890
Passer montanus (blood): central course of Ural river, Priural region. Ural oblast

Haemoproteus pastor Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 557-559
nomen nudum

Haemoproteus peircei sp. nov., illus.
Forrester, D. J.; et al., 1977, Canad. J. Zool., v. 55 (8), 1268-1274
Ephippiorhynchus senegaiensis: Sudan
Leptoptilos sp.: Southeast Asia
Pseudotantalus ibis: Zaïre

Haemoproteus peircei sp. nov., possibly
Forrester, D. J.; et al., 1977, Canad. J. Zool., v. 55 (8), 1268-1274
Pseudotantalus ibis: Mali

Haemoproteus pelouroi Tendéiro, 1947, illus.
valid species, redescription

Haemoproteus perdix Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 557-559
nomen nudum

Haemoproteus phoenicurus Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 557-559
nomen nudum

Haemoproteus platyleae de Mello, 1935, illus.
valid species, redescription
Syn.: Haemoproteus galatheaes Laird and Laird, 1959
Eudocimus albus (blood): southern Florida
Threskiornis molucca pygmaeus: Rennell Island, British Solomon Islands

Haemoproteus pratasi
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Francolinus ahantensis: Ghana

Haemoproteus prognei Coatney and Roudabush, 1937, illus.
White, E. M.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (10), 2110-2116
redescription
Hirundo griseopyga (blood): Kasenyi, Uganda
Hirundo abyssinica: Entebbe, Uganda
H. daurica: central Thailand
H. rustica: Entebbe, Uganda
Progne subs: Dennisville, New Jersey

Haemoproteus raymundo
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Cyanomitra olivacea: Ghana

Haemoproteus sanguinus
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Pycnonotus barbatus
Eurillas viresens all from Ghana

Haemoproteus sittae Zeiniev, 1975; Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 557-559
nomen nudum

Haemoproteus stellaris n. sp., illus.
White, E. M.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (10), 2110-2116
Hirundo griseopyga (blood): Kasenyi, Uganda

Haemoproteus sternae Zeiniev, 1975; Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 557-559
nomen nudum

Haemoproteus sylvia Musaev & Zeiniev, 1977
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 557-559
nomen nudum

Haemoproteus tinnunculus
Falco subbuteo: near Tring, Hertfordshire

Haemoproteus velans
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442
hematozoa of passeriformes, prevalence, effect of climate, application of insecticide, and large-scale environmental alteration
Colaptes auratus: New Brunswick

Haemosporidian, undetermined species, illus.
description of gametocytes
Thecadactylus rapicaudus (proerythrocytes, erythrocytes, macrophage, monocyte): Village of Tierra Caliente, Municipio Manrique, Estado Cojedes, Venezuela; Portuguesa, Venezuela; San Blas Territory, Panama

Hammondia
Hammondia
Gill, H. S.; et al., 1978, J. Parasitol., v. 64 (3), 549-551
dogs fed Bubalus bubalis diaphragm muscles with visible cysts of Sarcocystis fusiformis shed unsporulated oocysts belonging either to Hammondia or Isospora

Hammondia
Heydorn, A. O., 1979, Berl. u. Munchen. Tierarztl. Wchnschr., v. 92 (11), 214-220
coccidia of cats, life cycle, epidemiology, review

Hammondia
cyst-forming coccidia, life cycle, taxonomy, comparative review

Hammondia hammondi
Hammondia hammondi, Besnoitia jellisoni, Toxoplasma gondii, BCG, comparison of cross-protection in hamsters

Hammondia hammondi Frenkel and Dubey 1975
Hammondia hammondi, experimentally infectious to only 1 of 4 monkey species (Saguinus nigricollis), all 4 species developed low and transitory antibody titers to Toxoplasma gondii antigen after inoculation with Hammondia oocysts

Hammondia hammondi, illus.
Entzeroth, R.; Scholtyseck, E.; and Greuel, F., 1978, Naturwissenschaften, v. 65 (7), 395
"The application of different techniques led to the conclusion that, besides three ultra-morphologically different sarcosporidian cysts, the roe-deer [Capreolus capreolus] muscles contain coccidia of the genera Toxoplasma and Hammondia."

Hammondia hammondi
Fayer, R.; and Frenkel, J. K., 1979, J. Parasitol., v. 65 (5), 756-762
6 spp. of feline coccidia, oocysts fed to calves, calf tissue then fed to cats: neither Besnoitia, Hammondia, nor Sarcocystis were pathogenic for calves nor did they establish patent infections which could be transmitted back to cats; Cystoisospora spp. were not pathogenic for calves but could be transmitted back to cats; Toxoplasma strains were slightly to moderately pathogenic for calves and could be transmitted back to cats

Hammondia hammondi
Hammondia hammondi Frenkel, 1974 is correct authorship rather than Frenkel and Dubey, 1978 as previously published

Hammondia hammondi, illus.
Hammondia hammondi, first detection in Australia and first record from natural intermediate host cats (exper.)
Rattus rattus: Australia
Mus musculus (nat. and exper.): Australia

Hammondia hammondi
Sarcocystis spp., domestic animals, review of life cycle and differential characters from Toxoplasma gondii and Hammondia hammondi

Hammondia hammondi
Weiland, G.; Rommel, M.; and von Seyerl, F., 1979, Berl. u. Munchen. Tierarztl. Wchnschr., v. 92 (2), 50-52
Toxoplasma gondii, Hammondia hammondi, mice, serological cross-reactions

Hammondia heydorni-like oocysts
coyotes (feces): Montana

Hammondia pardalis sp., illus.
Hendricks, L. D.; et al., 1979, J. Protozool., v. 26 (1), 39-43
Felis pardalis (nat. and exper.) (intestinal contents): Albrook Air Force Station, Panama Canal Zone
F. catus (exper.)
F. yagouaroundi (exper.)
Mus musculus (exper.): (mesenteric lymph nodes, lungs, and intestinal submucosa)

Haplosporidians, illus.
Armstrong, D. A.; and Armstrong, J. L., 1974, Proc. National Shellfish Ass., v. 64, 68-72
haplosporian in Tresus capax, incidence of infection observed by the presence of cysts in host tissue, age of host, pathology: Yaquina Bay, Oregon

Haplosporidians, resembling Minchinia costalis, illus.
Crassostrea virginica (mantle): New Haven Harbor, Connecticut

Haplosporidians, resembling Minchinia nelsoni
Crassostrea virginica: New Haven Harbor, Connecticut

Haptophryidae
key

Haptophryidae
key

Hartmannella
human amoebic meningoencephalitis, etiology, epidemiology, pathology, diagnosis, therapy, review

Entamoeba moshkovskii and free-living amoeba of Hartmannella-Naegleria group, ultrastructural comparisons

Hartmannella-Naegleria groups


Naegleria-Hartmannella groups, agar plate method for isolation and cultivation of amoebae from infected humans and animals, soil, sewage sludge, fresh water, and other substrates

Hartmanella, illus.

Fleischer, N. K. F., 1979, Med. Welt., v. 30 (44), 1625-1630

parasitic tropical diseases, humans, central nervous system involvement, clinical review

Hartmanella


Naegleria, Acanthamoeba, Hartmanella, free-living amoeba now thought to be agents responsible for human meningoencephalitis, diagnosis, pathology, therapy, review

Hartmanella


Hartmanella, amebas of Limax group, strains N and A-1; morphology, pathogenicity to mice

Hartmanella-Acanthamoeba group amoeba, illus.

Stibbs, H. H.; et al., 1979, J. Invert. Path., v. 33 (2), 159-170

Hartmanella-Acanthamoeba group amoeba isolated from Biomphalaria glabrata (Schistosoma mansoni susceptible and resistant strains) (pericardium, mantle), in vitro killing of S. mansoni sporocysts by amoebae; whether amoebae contribute to snail resistance is unknown

Hartmanella sp.


survey of swimming pools for presence of free-living amebae, potential danger for swimmers: Lyon

Hartmanella sp.


soil amoebae potentially pathogenic to man, existence in Canada, results of survey from various areas of Ontario, experimental infections in mice

Hartmanella [sp.]

Watson, P. G., 1975, Tr. Ophth. Soc. United Kingdom, v. 95 (2), 204-206

Hartmanella infection of eye, woman, pathology, case history

Hartmanella astronvxis new species, illus.

Ray, D. L.; and Hayes, R. E., 1954, J. Morphol., v. 95 (1), 159-188

free-living: contents of tube of water placed in laboratory termite culture

Hartmanella castellani, illus.


Entamoeba moshkovskii and free-living amoeba of Hartmanella-Naegleria group, ultrastructural comparisons

Hartmannella culbertsoni

Lal, A. A.; and Garg, N. K., 1979, Exper. Parasitol., v. 48 (3), 331-336

Hartmannella culbertsoni, meningoencephalitic mice, biochemical changes in brain

Hartmannella culbertsoni


Hartmannella culbertsoni, mice, experimental amoebic meningoencephalitis, gross biochemical changes in brain

Hartmannella culbertsoni


Hartmannella culbertsoni, axenically grown, purification and properties of L-histidine ammonia-lyase, marked inhibitory effect of certain amoebicidal drugs and divergent cations

Hartmannella vermiformis n. sp., illus.


Pigeon Lake, Wisconsin; Kankakee River at Schneider, Indiana

Hartmannella vermiformis Page, 1967


isolation of 164 strains of free-living amebae from public water supplies and swimming pools, some strains of Acanthamoeba polyphaga, A. castellanii, A. lenticulata, and A. comandonii were pathogenic for mice, none of the Naegleria isolated were pathogenic for mice, levels of bromine and chlorine used were insufficient to eliminate these amebae, potential danger to users and suggested control measures: Strasbourg

Hartmannella vermiformis


15 strains of free-living amebae found in variety of domestic animals, 3 isolates tested were not pathogenic for laboratory animals, some features of isolates differed from those previously known for members of these genera
dog (bronchi)
turkey (trachea)

Hartmannella vermiformis

Simitzis, A. M.; Le Goff, F.; and L'Azou, M., 1979, Ann. Parasitol., v. 54 (2), 121-127

free-living amebae, 9 strains isolated from nasal mucosa of 1039 healthy humans sampled, pathogenicity for mice and in cell culture tested

Hartmannellidae


protozoa polluting tap water, concentration and identification in culture: Federal District, Mexico City
Henneguya creplini
Henneguya spp., developmental stages in hosts, histopathological changes in fish gill, inflammatory reaction may be a temperature dependent immune response Acarina cernua (gills): South Bohemia

Henneguya creplini (Gurley, 1894)
brief description
Perca fluviatilis (gill filaments): Lake Dargin, Mazurian Lakeland, Poland

Henneguya exilis Kudo, illus.
Current, W. L.; and Janovy, J., jr., 1978, J. Protozool., v. 25 (1), 50-65
Henneguya exilis, comparative ultrastructure of interlamellar and intralamellar types of infection in Ictalurus punctatus, demonstrates that plasmodia of the 2 clinical types differ with respect to arrangement within gill filament, that interlamellar form causes extensive hyperplasia of host basal epithelium while intralamellar form does not, that clinical types differ with respect to ultrastructure of plasmodium walls, and that there is structural difference in surface coat covering plasmodia of the 2 clinical types

Henneguya exilis
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Henneguya exilis Kudo, 1934
Mitchell, L. G., 1978, J. Protozool., v. 25 (1), 100-105
Ictalurus punctatus (gills, skin, gall bladder): Towa

Henneguya psorosperma Theolohan, 1895
parasite fauna of Perca fluviatilis, host specificity, comparison with different localities in British Isles, factors affecting composition Perca fluviatilis (gill filaments): Llyn Tegid, Wales

Henneguya psorosperma, illus.
Podlipský, A., 1972, Parazitologia, Leningrad, v. 6 (6), 506-508
Henneguya psorosperma, illus.
Henneguya psorospermica, illus.
Podliapov, S. A., 1974, Parazitologiiia, Lenin-
grad, v. 8 (6), 535-542
Myxobolidae spp., polysaccharides in spores, nature of iodinophilous vacuole

Henneguya salminicola
Olson, R. E., 1978, Calif. Fish and Game, v. 64 (2), 117-120
Oncorhynchus kisutch (musculature): Pacific Ocean off Newport, Oregon

Henneguya zsokhkei (Gurley, 1893)
Coregonus clupeaformis (musculature, pelvic fin)
Prosopium all from Aishihik Lake, Yukon Territory

Henneguya zsokhkei
Izimova, N. A.; Mashtakov, A. V.; and Timo-
[Abramis brama]: Chusovaia river

T. 0.

Henneguya zsokhkei
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-
spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluo-
rescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Hepatocystis fieldi sp. n., illus.
Tragulus javanicus (liver, erythrocytes of peripheral blood): Malaya

Hepatocystis oriheli sp. nov., illus.
Garnham, P. C. C., 1977, Protozoology, v. 3, 135-142
Miopithecus talapoin (blood, liver): Rio Muni, West Africa, imported to United States of America

Hepatocystis perronnae sp. n., illus.
[Hepatocystis perronnae n. sp.]

Hepatocystis vassali yokogawai Wu
Garnham, P. C. C., 1977, Protozoology, v. 3, 135-142
as syn. of: Hepatocystis yokogawai (Wu) [n. rank]

Hepatocystis vassali yokogawai Wu
Garnham, P. C. C., 1977, Protozoology, v. 3, 135-142
as syn. of: Hepatocystis yokogawai (Wu) [n. rank]

Hepatocystis oriheli sp. nov., illus.
Garnham, P. C. C., 1977, Protozoology, v. 3, 135-142
Syn. of: Hepatocystis vassali yokogawai Wu

Hepatozoon
Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis

Hepatozoon
Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis

Hepatozoon-like hemogregarines, illus.
Anolis pinchoti
Ameiva ameiva
Cnemidophorus lemniscatus
Mabuya mbu ya
Aristelliger georgeensis
(blood of all): all from Providencia Island, western Caribbean
Hepatozoon [sp.]
Apodemus sylvaticus
Clethrionomys glareolus
Microtus arvalis
Rattus norvegicus
R. rattus
Sciurus carolinensis
S. vulgaris
all from Britain
Hepatozoon [sp.], presumably H. griseisciuri
Coccidiodomorpha, life cycles, mechanisms assuring continuation of transmission, thesis
Madagascarophis colubrina (nat. and exper.)
Culex pipiens fatigans (exper.)
C. p. pipiens (exper.)
Anopheles stephensi (exper.)
Liobophantes modestus (exper.)
Pythion sebae (exper.)
Oplurus sebae (exper.)
Hepatozoon erhardovae Krampitz 1964
Hepatozoon erhardovae, incidence in Clethrionomys glareolus (blood), distribution of schizonts in lungs; accumulation of gametocytes in Ixodes ricinus (nat. and exper.) or Neotrombicula ocellata (nat. and exper.) after biting heavily infected C. glareolus; occasionally transmitted to non-specific host, Apodemus flavicolouris (exper.), but only by specific vector, Megabothris turbidus (exper.); South-Western Styria and areas around Neusiedlerssee
Hepatozoon erhardovae, illus.
Clethrionomys glareolus (Herz, Lunge, Leber, Milz): Neusiedlerseegebiet, nördlichen Burgenland
Hepatozoon sp.
Klopfer, U.; Nobel, T. A.; and Neumann, F., 1975, Vet. Path., v. 10 (3), 185-190
Hepatozoon sp. in cats, prevalence of schizonts in myocardium: Israel
Hepatozoon sp. illus.
Lainson, R., 1977, Protozoology, v. 3, 87-93
Caiman crocodilus crocodilus (blood): Barcarena, north Para State, Brazil
Hepatozoon sp.
Pessoa, S. B.; and de Rias, P., 1974, Rev. Patol. Trop., v. 3 (2), 221-224
Leimadophis poecilogyrus (blood): Santa Catarina
Haementeria gracilis (exper.)
Hepatozoon-type hemogregarine
Telford, S. R., jr., [1979], J. Parasitol., v. 64 (6), 1978, 1126-1127
Sceloporus undulatus
Eumeces laticeps
E. ineptatus
all from Florida
Hepatozoon alactagae Zasukhin, 1936, illus.
[Allactaga severtsovi]
[Allactaga elater]
all from southern Turkmenistan
Hepatozoon canis, illus.
Hepatozoon canis, dogs (blood), clinical, radiographic, and hematologic findings: Texas
Hepatozoon canis, dogs (blood), clinical, radiographic, and hematologic findings: Texas
Hepatozoon procyonis Richards, 1961, illus.

supplemented description
Procyon cancivorus panamensis (myocardium, blood): near town of Pacora, east of Panama City

Hepatozoon prodhoni n. sp., illus.
Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis
Oplurus quadrimaculatus (sang): Baie de Loukaro

Hepatozoon sylvatici Coles 1914
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Herpetomonas sp.
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Herpetomonas-like
Fish, W. R.; Holz, G. G., Jr.; and Beach, D., H., 1978, J. Parasitol., v. 64 (3), 546-547
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Herpetomonas sp.
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Herpetomonas sp.
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Herpetomonas, sp., illus.
Herpetomonas sp. infections in laboratory-reared Aedes aegypti and A. albopictus (Malpighian tubules of both), 30 to 40% of the flagellates contained intracytoplasmic rod-shaped structures strongly resembling bacteria: Institute for Medical Research, Kuala Lumpur, Malaysia

Herpetomonas sp.
Yoshida, N.; et al., 1978, J. Protozool., v. 25 (4), 550-555
Herpetomonas spp., enzymes of ornithine-arginine metabolism

Herpetomonas [sp.]
Musca (intestine)
Sarcophaga (intestine)
all from Sao Paulo, State of Sao Paulo, Brazil

Herpetomonas amphilophiae, illus.
Herpetomonas in Drosophila melanogaster, introduction of 10 infected flies into stabilized population of 10,000 flies resulted in increase of infection from 0.0% to 90% in 14 days, infection fluctuated between 5% and 100% during 250 days, parasites were found predominantly endotrophically but also peritrophically and in Malpighian tubules, it is suggested that all Herpetomonas in D. melanogaster be referred to as H. amphilophiae

Herpetomonas donovani (Laveran & Mesnill, 1903) Mesnill, 1906
as syn. of Leishmania donovani (Laveran & Mesnill, 1903) Ross, 1903

Herpetomonas farunculosa (Firth, 1891) Patton, 1922
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Herpetomonas infantum (Nicolle, 1908) Patton, 1909
as syn. of Leishmania infantum (Nicolle, 1908) Patton, 1909

Herpetomonas mariadeanei sp. n. [? nomen nudum]
Musca stabulans

Herpetomonas mariadeanei sp. n., illus.
Musca stabulans (intestine): Sao Paulo State, Brazil

Herpetomonas megaseliae
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Herpetomonas megaseliae
6 insect trypanosomatids, attempted adaptation to mice, alteration of component elements of excreted factors (EF) produced by the 3 adapted species, EF components of Leishmania donovani isolates differ with varying infectivity for hamsters
Herpetomonas megaseliae

Herpetomonas megaseliae

Herpetomonas megaseliae
Mendes, N. P.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305. cross-reactions between Trypanosomatidae cell extracts and HLA antigens.

Herpetomonas megaseliae

Herpetomonas megaseliae
Yoshida, N.; and Camargo, E. P., 1978, J. Bacteriol., v. 136 (3), 550-555. trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use.

Herpetomonas muscarum (Leidy, 1856) Kent, 1880, illus.

Herpetomonas muscarum
Daggett, P. M.; Decker, J. E.; and Janovy, J., 1978, Comp. Biochem. and Physiol., v. 59A (4), 363-366. 6 insect trypanosomatids, attempted adaptation to mice, alteration of component elements of excreted factors (EF) produced by the 3 adapted species, EF components of Leishmania donovani isolates differ with varying infectivity for hamsters.

Herpetomonas muscarum
Yoshida, N.; and Camargo, E. P., 1978, J. Bacteriol., v. 136 (3), 5124-5126. trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use.

Herpetomonas muscarum ingenoplastis

Herpetomonas muscarum muscarum

Herpetomonas muscarum muscarum

Herpetomonas muscarum muscarum

Herpetomonas muscarum muscarum

Herpetomonas muscarum muscarum

Herpetomonas muscarum

Herpetomonas pessoai (Galvao, Oliveira, Carvalho, and Velga 1970) Roitman, Brener, Roitman, and Kitajima 1976 [i.e., n. comb.]
Levine, N. D., 1978, J. Parasitol., v. 64 (4), 668. "correct name"
Syns.: Leptomonas pessoai; Herpetomonas samuelpessoai.

Herpetomonas pessoai [(Galvao et al., 1970)
Levine, 1978]
Levine, N. D., 1979, J. Parasitol., v. 65 (1), 116. preoccupied by H. pessoai Ayroza and Coutinho, 1941; "the name Herpetomonas samuelpessoai Roitman, Brener, Roitman, and Kitajima 1976 is the correct one for the species from Zelus."

Herpetomonas samuelpessoai, illus.
de Almeida, D. F.; and de Souza, W., 1978, J. Parasitol., v. 64 (1), 17-22. Herpetomonas samuelpessoai in basic medium or in complex media obtained through addition of various concentrations of KCl, NaCl, or glycerol, growth curves, changes in cell volume as function of osmolarity of medium, corresponding morphological changes.

Herpetomonas samuelpessoai, illus.

Herpetomonas samuelpessoai
Herpetomonas samuelpessoai, illus.
de Carvalho, T. U.; Souto-Padron, T.; and de Souza, W., 1979, Exper. Parasitol., v. 47 (3), 297-304

Herpetomonas samuelpessoai, electron-dense granules, electron microscopy and cytochemistry (peroxidase activity, basic proteins, acid phosphatase)

Herpetomonas samuelpessoai
6 insect trypanosomatids, attempted adaptation to mice, alteration of component elements of excrated factors (EF) produced by the 3 adapted species, EF components of Leishmania donovani isolates differ with varying infectivity for hamsters

Herpetomonas samuelpessoai, illus.
Herpetomonas samuelpessoai, membrane-associated polysaccharides, influence of growth conditions

Herpetomonas samuelpessoai
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Herpetomonas samuelpessoai
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Herpetomonas samuelpessoai
Goncalves de Lima, V. M. Q.; Roitman, I.; and Kilgour, V., 1979, J. Protozool., v. 26 (4), 648-652
trypanosomatids, 7 species distinguished by electrophoretic mobilities of some isoenzymes

Herpetomonas samuelpessoai
Roitman et al. 1976
Levine, N. D., 1978, J. Parasitol., v. 64 (4), 668
as syn. of H. pessoai (Galvao, Oliveira, Carvalho, and Veiga 1970) Roitman, Brener, Roitman, and Kitajima 1976 [i.e., n. comb.]

Herpetomonas samuelpessoai
Levine, N. D., 1979, J. Parasitol., v. 65 (1), 116
H. pessoai [(Galvao et al., 1970) Levine, 1978] is preoccupied by H. pessoai Ayroza and Coutinho, 1941, "the name Herpetomonas samuelpessoai Roitman, Brener, Roitman, and Kitajima 1976 is the correct one for the species from Zelus."

Herpetomonas samuelpessoai
Herpetomonas samuelpessoai, polysaccharide components of cells grown on various culture media, possible role of certain polysaccharides in immunogenic terms

Herpetomonas samuelpessoai, illus.
Soares, T. C. B.; and de Souza, W., 1977, Ztschr. Parasitenk., v. 53 (2), 149-154
Trypanosoma cruzi, Herpetomonas samuelpessoai, fixation with glutaraldehyde-tannic acid for electron microscopy; structural details

Herpetomonas samuelpessoai, illus.
Souto-Padron, T.; and de Souza, W., 1979, J. Protozool., v. 26 (4), 551-557
trypanosomatid, various developmental stages, basic proteins, localization at fine-structural level with ethanolic phosphotungstic acid technique

Herpetomonas samuelpessoai, illus.
de Souza, W.; Chavez, B.; and Martinez-Palomo, A., 1979, J. Parasitol., v. 65 (1), 109-116
Herpetomonas samuelpessoai, cell membrane, freeze-fracture study

Herpetomonas samuelpessoai
Yoshida, N.; et al., 1978, J. Protozool., v. 25 (4), 550-555
Herpetomonas spp., enzymes of ornithine-arginine metabolism

Herpetomonas samuelpessoai
trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use

Herpetomonas tropica (Wright, 1903) Patton, 1909
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Herpetophrya Siedlecki
key

Herpetophryinae
key

Herpetosoma, subgenus
identification of morphologically similar trypanosomes of mammals

Herpetosoma
Trypanosoma (Herpetosoma) spp., reproduction in vertebrate host, course of infection, transmission and development in fleas, review

Heteromita pusilla Perty, 1852
as syn. of Hexamita intestinalis Dujardin, 1841

Hexamastix polyphagae n. sp., illus.
Polyphaga indica (hindgut): Aurangabad, Maharashtra, India
Hexamita intestinalis
Ollenschlaeger, B., 1975, Tierarztl. Prax., v. 3 (1), 99-107
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

Hexamita intestinalis Dujardin, 1841, illus.
synonymy, description
Bombina bombina
B. variegata
Bufo bufo
B. viridis
B. calamita
Pelobates fuscus
Rana esculenta
R. temporaria
R. dalmatina
all from CSSR

Hexamita muris, illus.
Hexamita muris in laboratory mice (small intestine, between epithelial cells, lamina propria), case history, dometridazole controlled clinical disease but did not eliminate the infection

Hexamita muris
Maus norvegicus (Jejenum)
Maus musculus (Jejenum)
Apodemus sylvaticus (Jejenum, Ileum, Rectum)
Onodra zibethica (Duodenum, Jejenum)
Nickrois agrestis (Jejenum)
all from Neusiedlerseegebiet, nordlichen Burgenland

Hexamita muris
MacDonald, T. T.; and Ferguson, A., 1978, Gastroenterology, v. 74 (3), 496-500
Giardia muris, Hexamita muris, mice (exper.), effects of chronic infection on small intestinal epithelial cell kinetics

Hexamita muris, illus.
Owen, R. L.; Nemanic, P. C.; and Stevens, D. P., 1979, Gastroenterology, v. 76 (4), 757-769
Giardia muris in immunocompetent mice, intestinal distribution of trophozoites, attachment and relationships to intestinal mucosa (particularly Peyer's patches), normal reaction of intestine and intestinal immune organs; includes some incidental observations on Hexamita muris

Hexamita muris, illus.
Periplaneta americana (hindgut): Aurangabad, Maharashtra, India

Hexamita salmonis (Moore, 1923)
Coregonus clupeaformis
Prosopium cylindraceum
Salvelinus namaycush
Thymallus arcticus
Lota lota (gall bladder of all): from Aishihik Lake, Yukon Territory

Hexamita salmonis (Moore)
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (intestine): near Vancouver, British Columbia

Hexamita salmonis
Ollenschlaeger, B., 1975, Tierarztl. Prax., v. 3 (1), 99-107
blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

Hexamitus intestinalis Buetschli (1878)
as syn. of Hexamita intestinalis Dujardin, 1841

Hexamitus intestinalis (Dujardin, 1841)
as syn. of Hexamita intestinalis Dujardin, 1841

Hirmocystidae Grasse, 1953
Levine, N. J., 1979, J. Protozool., v. 26 (4), 532-536
diagnosis, includes: Arachnocystis gen. n.

Hirmocystis bengalensis n. sp., illus.
Haldar, D. P.; and Chakraborty, N., 1979, Ztschr. Parasitenk., v. 59 (2), 121-130
Hirmocystis bengalensis n. sp., life history
Myloccerus sp. 1 (midgut): Kalyani, West Bengal, India

Hirmocystis pitcharis n. sp., illus.
Haldar, D. P.; and Chakraborty, N., 1979, Ztschr. Parasitenk., v. 59 (2), 121-130
Hirmocystis pitcharis n. sp., life history
Xanthoprochilus sp. (midgut): Kalyani, West Bengal, India

Hirmocystis pseudoductis n. sp., illus.
Haldar, D. P.; and Chakraborty, N., 1979, Ztschr. Parasitenk., v. 59 (2), 121-130
Hirmocystis pseudoductis n. sp., life history
Myloccerus sp. 2 (midgut): Kalyani, West Bengal, India

Hirmocystis ventricosa
Sherlock, P. L., 1979, Parasitology, v. 78 (2), 207-220
Tipula paludosa (intestine)

Histomonas meleagridis
Augustine, P. C.; and Chute, A. M., 1978, J. Parasitol., v. 64 (3), 425
Histomonas meleagridis, in vitro-adapted strain, inhibition of growth in conventional or gnotobiotic turkeys inoculated with 5 spp. of bacteria used for in vitro cultivation, supports hypothesis that in vitro culturing decreased in vivo reproductive capability by gradual elimination of more virulent organisms
Histomonas meleagridis
Chute, M. B.; Chute, A. M.; and Wilkins, G. C., 1978, Parasitology, v. 77 (1), 41-48
Histomonas meleagridis, therapeutic treatment of chickens with dimetridazole may reduce but does not eliminate transmission of this protozoan by eggs of Heterakis gallinarum from medicated birds.

Histomonas meleagridis
Histomonas meleagridis, Heterakis gallinarum, experimental infections in Indian Red Jungle Fowl and Light Brahma chickens compared with pheasants, turkeys, and New Hampshire chickens, susceptibility and potential for parasite dissemination.

Gallus gallus murghi
Phasianus colchicus
Beltsville Small White turkeys
Gallus gallus
(all exper.)

Histomonas meleagridis, illus.
Pavo cristata (liver): Zoological Gardens, Madras

Histomonas meleagridis
Davidson, W. R.; Doster, G. L.; and McGhee, M. B., 1978, Avian Dis., v. 22 (4), 627-632
Heterakis bonasae, failure to transmit Histomonas meleagridis from infected bob-white quails to turkeys.

Histomonas meleagridis
Trichomonas vaginalis, Entamoeba histolytica, 6'-hydroxy analogue of sisomicin, antiprotozoal activity demonstrated in laboratory trials; no activity against Histomonas meleagridis and no anthelmintic activity observed.

Histomonas meleagridis
Histomonas meleagridis-infected turkeys, dynamics of protozoan population density, plasma glutamic oxalacetic transaminase, plasma bilirubin concentration, relationship to clinical symptoms.

Histomonas meleagridis
Kellogg, F. E.; Doster, G. L.; and Johnson, J. K., 1971, J. Wildlife Dis., v. 7 (3), 186-187
Indian red junglefowl, pen-raised (ceca, liver)

Histomonas meleagridis
Colinus virginianus (intestine): Oklahoma City

Histomonas meleagridis
McDougald, L. R., 1979, Poultry Science, v. 58 (1), 76-80
coccidiosis, histomoniasis, turkeys, tests for efficacy and compatibility indicate that amprolium and carbarsone can be used in combination.

Histomonas meleagridis
Histomonas meleagridis, absence in ceca of Coturnix coturnix japonicum; incidental finding of developmental stages of Eimeria sp.: Philippines

Histomonas meleagridis
Histomonas meleagridis, turkeys, histopathology.

Histomonas meleagridis
Schildknecht, E. G.; and Squibb, R. L., 1979, Parasitology, v. 78 (1), 19-31
Histomonas meleagridis in turkeys, effects of vitamins A, E, and K (alone and in combination with ipronidazole) on performance and on plasma enzymes, plasma enzyme levels correlated well with progressive pathological changes.

Histomoniasis
Histomoniasis, turkeys, age and seasonal dynamics in relation to epizootiology; disease outbreaks in young birds under stress conditions; nitazol satisfactory, trichopol good prophylactic and therapeutic effect.

Hoplitophrya Stein
key

Hoplitophryidae
key

Hoplitophryinae
key

Huffia
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
avian Plasmodium spp. of 4 subgenera, list of type material in Garnham Collection of Wellcome Museum of Medical Science; neotypes designated

Hyalinocysta gen. n.
Theholanididae fam. n., key
tod: H. chapmani sp. n.

Hyalinocysta chapmani sp. n. (tod), illus.
Culiseta melanura: near Kinder, Lousiana, U.S.A.

Hypotrichomonas acosta (Moskowitz), illus.
Warton, A.; and Honigberg, B. M., 1979, J. Protozool., v. 26 (1), 56-62
Hypotrichomonas acosta, Trichomonas vaginalis, Pentatrichomonas hominis, Tritrichomonas foetus, scanning electron microscopy.
Ichthyobodo necator, illus. Ellis, A. E.; and Wootten, R., 1978, J. Fish Dis., v. 1 (4), 389-393
Ichthyobodo necator in Salmo salar (gills), high mortality following transfer to seawater cages probably due to prior infestation in freshwater, pathology: farm in Scotland

Ichthyobodo necator (= Costia necatrix)
Robertson, D. A., 1979, J. Fish Dis., v. 2 (6), 481-491
Ichthyobodo necator on farmed salmonids, prevalence and intensity in relation to time, temperature, and host age; suggested that some form of host defense mechanism is operating
Salmo salar (gills)
S. gairdneri (gills, skin)
all from central Scotland

Ichthyophthiriasis
Bachinski, V. P., 1969, Byyn. Khoziaist., Kiev (8), 104-106
Parasites as possible causes of epizootics in fish: Kremenchugsk reservoir

Ichthyophthirius [sp.]
Chaetodon (surface of integument)

Ichthyophthirius multifiliis Fouquet, 1876, illus.
White-spot disease, reared fish, treatment and control

Ichthyophthirius multifiliis, illus.

Ichthyophthirius multifiliis and other 'Ichthyophthirius' species of freshwater fishes appear to be limited in distribution and infectivity by temperature tolerances of their hosts, possible existence of multiple physiological races or even species possibly in more than one genus

Ichthyophthirius multifiliis
Ichthyophthirius multifiliis, fish more susceptible when exposed to phenol or poly-chloropinene (toxic water pollutants)

Ichthyophthirius multifiliis (Fouquet, 1876)
Vlasenko, M. I.; and Meshcheriakova, A. A., 1977, Veterinariia, Moskva (4), 75-78
Chilodonella cyprini, Ichthyophthirius multifiliis, [Costia], fish, formalin solution for control, toxicity tested and safe levels established

Ileocystis
Barker, I. K.; Munday, B. L.; and Presidente, P. J. A., 1979, J. Parasitol., v. 65 (3), 451-456
as syn. of Eimeria

Ileocystis wombati Gilruth and Bull, 1912
Barker, I. K.; Munday, B. L.; and Presidente, P. J. A., 1979, J. Parasitol., v. 65 (3), 451-456
as syn. of Eimeria wombati (Gilruth and Bull, 1912) comb. nov.

Inodosporus Overstreet and Weidner, 1974
Thehobaniidae fam. N., key

Inodosporus octosporus (Henneguy, 1882) Overstreet and Weidner, 1974
synonymy

Iodamoeba
Entamoeba histolytica and other anaerobic amoebae, cytoplasmic inclusions, recent advances in cytochemistry and ultrastructure, role in physiology and pathogenesis, review

Iodamoeba sp.
Human intestinal parasites, eggs and cysts from water used to irrigate vegetable gardens, increased risk of crop contamination in dry season: Ribeirão Preto, Sao Paulo, Brazil

Iodamoeba sp.
Enteoparasitic cysts and eggs, contamination of green vegetables and kitchen garden soils, epidemiological survey, most commonly found during dry-season when fecal polluted brooks were used for irrigation: Ribeirao Preto, Sao Paulo, Brasil
Iodamoeba buetschlii
Akhtaruzzaman, K. M.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (4), 427-431
comparision of different methods for detection of intestinal protozoa and helminths in human stool

Iodamoeba buetschlii
Bartlett, M. S.; et al., 1978, J. Clin. Microbiol., v. 7 (6), 534-538
modified zinc sulfate flotation technique evaluated in comparison with formalin-ether concentration method for recovery of protozoan cysts and helminth eggs and larvae from feces preserved in formalin less than and longer than 1 month, results suggest that (except for schistosomes) F-2SnSO4 compares favorably to FE method for detecting infections of clinical significance

Iodamoeba buetschlii
Blecka, L. J., 1978, J. Parasitol., v. 64 (2), 362-363
patients infected with intestinal parasites, attempt to quantitate immunoglobulin levels in fcal extracts with radial immunodiffusion, mean IgA levels higher than in controls, other immunoglobulin classes rarely detectable

Iodamoeba buetschlii

Iodamoeba buetschlii
amoebiasis, giardiasis, Iodamoeba buetschlii, epidemic in a homosexual population: New York City

Iodamoeba buetschlii
human intestinal parasites, evaluation of kerosene as substitute for ether in the formol-ether concentration diagnostic technique, morphology of ova and cysts equally well preserved by both techniques

Iodamoeba buetschlii
Sargeaunt, P. G.; and Williams, J. E., 1979, Tr. Roy. Soc. Trop. Med. and Hyg., v. 73 (2), 225-227
pathogenic and non-pathogenic intestinal amoeba of man, all species can easily be distinguished by characteristic electrophoretic isoenzyme patterns

Iodamoeba buetschlii
enteric protozoa, Enterobius vermicularis, high rate of infection in homosexual men who practice anilingus: New York City

Isospora

Isospora
Giardia lamblia, 'ghost' forms of cysts in human fecal sample initially misdiagnosed as Isospora oocysts

Isospora
Gill, H. S.; et al., 1978, J. Parasitol., v. 64 (3), 549-551
dogs fed Bubalus bubalis diaphragm muscles with visible cysts of Sarcocystis fusiformis shed unsporulated oocysts belonging either to Hammondia or Isospora

Isospora
Heydorn, A. O., 1979, Berl. u. Munchen. Tierarztl. Wchnschr., v. 92 (11), 214-220
coccidia of cats, life cycle, epidemiology, review

Isospora
cyst-forming coccidia, life cycle, taxonomy, comparative review

Isospora sp.
Canis lupus (feces): northeastern Minnesota

Isospora [sp.]
coccidian oocysts from stools of crows examined, "After sporulation, however, it was clear that they were oocysts of Isospora and not Eimeria ..." as reported by Bisseru and Lim in 1971: Klang, Malaysia

Isospora sp.
Farmer, J. N.; et al., 1978, Vet. Rec., v. 102 (4), 78-80
sheepdogs (feces): Gwynedd, North Wales greyhounds (feces): London area Vulpes vulpes (feces): North Wales

Isospora spp.
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 dogs cats all from Halifax, Nova Scotia

Isospora [spp.], illus.
Isospora [spp.], ultrastructure of cyst wall of two types of sarcocysts, "Entwicklungs-stadien wahrscheinlich zweier Kokzidienarten der Gattung Isospora parasitieren." Capreolus capreolus (Herz-, Skelett-, und Schlundmusculatur)
Isospora belli, illus.
Isospora hominis, clinical observations on 5 cases, morphologic differentiation from I. belli: residents of Belgium of various nationalities

Isospora belli, illus.
Brandborg, L. L., 1979, Am. J. Med., v. 67 (6), 999-1006
diseases of malabsorption, histologic diagnosis

Isospora belli, illus.

Isospora belli, illus.
McCracken, A. W., 1972, South. Med. J., v. 65 (7), 800, 818
Isospora belli, natural infection in 8-year-old Mexican-American girl and in technician who diagnosed child's infection, case reports: San Antonio, Texas

Isospora belli, illus.
Ohtaki, M.; et al., 1976, Tohoku J. Exper. Med., v. 120 (1), 43-51
human malignant lymphoma initiated with malabsorption syndrome due to Isospora belli infection and lymphocytosis, case report

Isospora belli
Isospora hominis, I. belli, humans, epidemiologic survey, clinical aspects, immunodiagnostic comparisons with Toxoplasma gondii (immunofluorescence, protein electrophoresis, Sabin-Feldman dye test) resulted in frequent cross-reactions: Goias, Brazil

Isospora belli
Sagua, H.; et al., 1978, Bol. Chileno Parasitol., v. 33 (1-2), 8-12
Isospora belli, resulting in human enteritis outbreak, epidemiologic study, diagnosis by identification of cysts in stools, verification that water from industrial sewage treatment plant was used locally to irrigate vegetables: Antofagasta, Chile

Isospora belli, illus.
Isospora belli, immunosuppressed woman concurrently infected with Giardia lamblia, severe diarrhea, rapid remission with co-trimoxazole, case report

Isospora bigemina Stiles, 1891, illus.
Canis familiaris (feces): Golania-Go, Brasil

Isospora bigemina
Eimeriellidae, incidence in cats: Belgique

Isospora bigemina
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-159
nomen dubium

Isospora bigemina, illus.
Shibalova, T. A.; and Petrenko, V. I., 1972, Parazitologiya, Leningrad, v. 6 (3), 201-205
Isospora bigemina, I. felis, I. rivolta, sporozoites inoculated into various tissue cultures, all 3 species invaded cultured cells but only I. bigemina developed further resemblance of cultured parasites to Toxoplasma gondii, culture material fed to mice with necropsy and serological tests for Toxoplasma negative

Isospora bigemina (Stiles, 1891) Luche, 1906
as syn. of Sarcocystis miescheriana (Kuehn, 1865) Lankester, 1882

Isospora boughtoni Volk, 1938
Duszynski, D. N.; and Box, E. D., 1978, J. Parasitol., v. 64 (2), 326-329
as syn. of Sarcocystis debonei Vogelsang, 1929

Isospora burrowsi n. sp., illus.
Isospora burrowsi n. sp., life cycle
Canis familiaris (nat. and exper.) (caudal three-fifths of small intestine, cecum, feces)

Isospora burrowsi
Boch, J.; Boehm, A.; and Neiland, G., 1979
coccidia, dogs (feces), coprological and serological survey: South Germany

Isospora buteonis Henry, 1932
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-159
nomen dubium

Isospora canis-like oocysts
coyotes (feces): Montana

Isospora canis, illus.
Isospora rivolta, I. canis, morphologic comparisons, incidence in dogs (feces) from various areas of city of Rio de Janeiro

Isospora canis, illus.
Isospora canis, fine structure of endogenous stages in dog small intestine

Isospora canis, illus.
Isospora canis, fine structure of penetration of cultured cells by sporozoites

Isospora canis
Isospora canis, kennelled dogs, outbreak of haemorrhagic diarrhoea, sulphadimidine treatment
Isospora caniveolcis
Vulpes vulpes (mittieres Jejunum, ileum, Rectum): Neusiedlerseegebiet, nördlichen Burgenland

Capreolus capreolus (feces): Alma-Ata zoopark

Isospora eversmanni
Mustela eversmanni (letztes Drittel des Jejunum): Neusiedlerseegebiet, nördlichen Burgenland

Isospora felis
Cottelee, C.; and Famerree, L., 1976, Rev. Med. Liege, v. 31 (23), 729-734
Eimeriidae, incidence in cats: Belgique

Isospora felis
Toxoplasma gondii, chronically infected cats re-excreted T. gondii oocysts after superinfection with Isospora felis, this re-excretion was prevented in mice infected with I. felis before T. gondii infection, administration of ECG before Toxoplasma infection had no apparent effect on outcome of infection

Isospora felis
Toxoplasma gondii, cats (exper.), immunity, effects of host age and corticosteroid administration; excretion of T. gondii, Isospora felis, and I. rivolta oocysts from cats previously infected and challenged with all three coccidia

Isospora felis
Last, M. J.; and Powell, E. C., 1978, J. Parasitol., v. 64 (1), 162-163
mice used by Powell, E. C.; and McCarley, J. B., 1975, J. Parasitol., v. 61 (5), 928-931, were infected with both Sarcocystis muris and Isospora felis

Isospora felis
Shibalova, T. A.; and Petrenko, V. I., 1972, Parazitologiya, Leningrad, v. 6 (3), 201-205
Isospora bigemina, I. felis, I. rivolta, sporozoites inoculated into various tissue cultures, all 3 species invaded cultured cells but only I. bigemina developed further, resemblance of cultured parasites to Toxoplasma gondii, culture material fed to mice with necropsy and serological tests for Toxoplasma negative

Isospora felis
Smith, B. D.; and Frenkel, J. K., 1978, J. Parasitol., v. 64 (2), 315-319
Sarcocystis muris, Toxoplasma gondii, Isospora spp., experimental transmission to mice by ingestion of Blatella germanica and Periplaneta americana exposed to cat feces containing these coccidia or by direct ingestion of the feces, results indicate possible role of cockroaches as transport hosts and sources of cross-infection in laboratories, need for stringent control

Isospora frenkeli sp. nov. [nomen nudum]
gato (intestino) (nat. and exper.) ratones blancos (enitelio intestinal) (exper.)

Isospora gallicolumbae sp. n., illus. Varghese, T., 1978, J. Protozool., v. 25 (4), 425-426
Gallicolumba beccarii (feces): Waigani area, University, Port Moresby, Papua New Guinea

Isospora hominis, clinical observations on 5 cases, morphologic differentiation from I. bellii: residents of Belgium of various nationalities

Isospora hominis
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
nomen dubium

Isospora hominis
Isospora hominis, I. bellii, humans, epidemiologic survey, clinical aspects, immunodiagnostic comparisons with Toxoplasma gondii (immunofluorescence, protein electrophoresis, Sabin-Feldman dye test) resulted in frequent cross-reactions: Goias, Brazil

Isospora lacazei, Carduelis carduelis (exper.), life cycle, ultrastructure of intestinal phases

Isospora lacazei Labbe 1893
Passer domesticus
Serimus canarius
Passer hispaniolensis
Carduelis carduelis (nat. and exper.) all from provincia de Cordoba, Espana

Isospora lacazei, oocyst wall, scanning and transmission electron microscopy

description
Rana esculenta (Ledviny): CSSR

Isospora mayuri
Isospora mayuri, first British record, oocyst morphology, failure to infect chickens, degree of pathogenicity uncertain, treatment with sulphaquinoxaline and diaveridine (Saqulid) in drinking water
Pavo cristatus: Essex, Great Britain
Isospora neorivolta sp. n., illus.
Dubey, J. P.; and Mahrt, J. L., [1979], J. Parasitol., v. 64 (6), 1978, 1067-1073
Isospora neorivolta sp. n., proposed for I. rivolta of Mahrt, 1967; endogenous development compared with I. ohioensis
domestic dog (lamina propria of posterior half of small intestine) (exper.)

Isospora ohioensis, illus.
Isospora ohioensis, dogs (epithelium of small intestine, cecum, and colon) (exper.), pathology in young pups, pathogenicity was greatest in newborn and suckling pups whereas older pups (40-384 days at first inoculation) acquired immunity within 1 week

Isospora ohioensis-like oocysts
coyotes (feces): Montana

Isospora ohioensis, illus.
Dubey, J. P.; and Mehlhorn, H., 1978, J. Parasitol., v. 64 (4), 689-695
Isospora ohioensis, persistence and structure of extraintestinal stages in tissues of mice inoculated with oocysts, these give rise to stages in dogs that are different from oocyst-induced infection in dogs, discussion of mice as transport vs. intermediate host

Isospora ohioensis-like organism, illus.
Isospora ohioensis-like organism, dog (small intestine, cecum, colon, terminal ileum, villous epithelium, lamina propria, intestinal glands), description of asexual and sexual stages, pathology, attempted treatment with sulfaguanidine unsuccessful, case report: Ohio

Isospora putorii
Mustela putorius (Jejunum): Neusiedlersee-gebiet, nordlichen Burgenland

Isospora putorii (Railliet and Lucet, 1891)
Becker, 1934
as syn. of Sarcocystis putorii (Railliet and Lucet, 1891) comb. nov.

Isospora rivolta
Eimeriidae, incidence in cats: Belgique

Isospora rivolta (Grassi, 1879), illus.
Dubey, J. P., 1979, J. Protozool., v. 26 (3), 433-443
Isospora rivolta, life cycle in cats and mice, pathogenicity for newborn but not for weaned cats

Isospora rivolta (Grassi 1879) of Mahrt, 1967
Dubey, J. P.; and Mahrt, J. L., [1979], J. Parasitol., v. 64 (6), 1978, 1067-1073
Isospora neorivolta sp. n., proposed for I. rivolta of Mahrt, 1967; endogenous development compared with I. ohioensis

Isospora rivolta, illus.
Isospora rivolta, I. canis, morphologic comparisons, incidence in dogs (feces) from various areas of city of Rio de Janeiro

Isospora rivolta
Isospora rivolta, cats, mice (all exper.), sulfamonomethoxine

Isospora rivolta
Shibilova, T. A.; and Petrenko, V. I., 1972, Parazitologiya, Leningrad, v. 6 (3), 201-205
Isospora bigemina, I. felis, I. rivolta, sporozoites inoculated into various tissue cultures, all 3 species invaded cultured cells but only I. bigemina developed further, resemblance of cultured parasites to Toxoplasma gondii, culture material fed to mice with necropsy and serological tests for Toxoplasma negative

Isospora rivolta
Smith, D. D.; and Frenkel, J. K., 1978, J. Parasitol., v. 64 (2), 315-319
Sarcocystis muris, Toxoplasma gondii, Isospora spp., experimental transmission to mice by ingestion of Blatella germanica and Periplaneta americana exposed to cat feces containing these coccidia or by direct ingestion of the feces, results indicate possible role of cockroaches as transport hosts and sources of cross-infection in laboratories, need for stringent control
Isospora rustamovi sp. n., illus.
Phrynocephalus reticulatus hannicovi (posterior section of intestine): western Turkmenia

Isospora suis
Stuart, B. P.; and Lindsay, D., 1979, J. Am. Vet. Med. Ass., v. 175 (4), 328-329
Isospora suis, baby pigs (nat. and exper.), clinical disease

Isospora suis
mixed coccidial infection, pig, first infection did not confer any immunity, pig became resistant to challenge after second infection

Isospora suis
coccidia, pigs (exper.), mixed infection with 4 spp., macro- and microgametocytic stages, mostly not identified to species

Isospora suis
4 spp. of coccidia, pigs (exper.), only slightly pathogenic, no gross observable lesions

Ithania Ludwig, 1947

Ithania wenrichi Ludwig, 1947
Kala azar. [See also Leishmaniasis]

Kala-azar

Kala-azar, longstanding evolution in asplenic male patient, case report: Barcelona, Spain

Kala azar

Granulopenia of infectious origins, humans, kala azar and malaria listed among causes

Kala-azar

Kala-azar, human, distribution in Colombia, South America

Kala-azar

Kala-azar, 2 1/2-year-old boy, first reported autochthonous case in Libya

Kala-azar

Kala-azar, humans, extensive epidemiologic survey using the leishmanin skin test: south-west Ethiopia

Kala azar
Rassadi, P., 1979, Nouv. Presse Med., v. 8 (40), 2367-2368 [Letter]

Kala azar, children, incidence from 1967-1975, pediatric hospital: Iran

Kala azar

Kala azar, woman, hemolytic anemia, possible abnormal sensitivity of erythrocyte membrane to complement

Karotomorpha ambystomae (Das Gupta 1935)

as syn. of Karotomorpha bufonis Dobell (1909)

Karotomorpha bufonis Dobell (1909), illus.

synonymy, description
Bufo bufo
Bufo viridis
Rana temporaria
all from CSSR

Karotomorpha swezei (Grasse 1926)

as syn. of Karotomorpha bufonis Dobell (1909)

Karyolysus

Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis

Karyolysus sp., illus.
Beier, T. V., 1979, Tsitologiia, v. 21 (3), 295-299

Karyolysus sp. trophozoites, interaction with lizard liver cells during host hibernation

Lacerta saxicola naires (liver): lake Sevan, Armenia

Klossia Schneider, 1875

Klossia sp. Chatton, 1939

Klossia sp. Mullin and Colley, 1972

Klossia bigemina (Labbe, 1896) Labbe, 1899

Syn.: Eimeria bigemina Labbe, 1896

Klossia dimidiata Schneider, 1885

as syn. of Adelea dimidiata (Schneider, 1885) Labbe, 1896

Klossia helicina Schneider, 1875

Klossia loossi Nabih, 1938

(*)Klossia macrocoronata (Lueling, 1942) nov. comb.

Syn.: ? macrocoronata Lueling, 1942

Klossia perplexens Levine, Ivens and Kruidenier, 1955

Klossia simplex Schneider, 1885

as syn. of Adelina simplex (Schneider, 1885) Hesse 1911

Klossia soror Schneider, 1881

Klossia variabilis Levine, Ivens and Kruidenier, 1955

Klossia vitrina Moroff, 1911

Klossiella

Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis
Klossiella
Taylor, J. L.; et al., 1979, Vet. Parasitol., v. 5 (2-3), 137-144
Klossiella, literature review: geographical distribution, host range, life cycle, pathogenicity

Klossiella spp.
Glazebrook, J. S.; Campbell, R. S. F.; and Hutchinson, G. W., 1977, Tropenmed. u. Parasitol., v. 28 (4), 545-551
survey of feral rodents in six tropical habitats for infections of potential zoonotic importance: North Queensland, Australia

Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis
Praomys jacksoni (nat. and exper.) souris blanche (exper.)

Koellikerella Labbe, 1899
as syn. of Lecudina Mingazzini, 1891

Koellikerella staurocephali (Mingazzini, 1891) Labbe, 1899
as syn. of Lecudina staurocephali (Mingazzini, 1891) n. comb.

Koellikerella Mingazzini, 1891
as syn. of Lecudina staurocephali (Mingazzini, 1891) n. comb.

Kudoa
Widera, L., 1976, Med. Vet., v. 32 (10), 630-631
Kudoa-infected Merluccius merluccius, mucopolysaccharide changes in the muscles

Kudoa sp.
presumably contaminants from heart muscle slit during smearing operation
Ciupena harengus harengus: St. Andrews, New Brunswick
Macrozoarcites americanus: St. Andrews, New Brunswick
Hyoxocephalus octodecemspinus: Kent Island, New Brunswick
Pholis gunnellus: Kent Island, New Brunswick
Fundulus heteroclitus: Woods Hole, Massachusetts
Pseudopleuronectes americanus: Woods Hole, Massachusetts
(blood of all)

Kudoa sp., illus.
Podlipaev, S. A., 1972, Parazitologiia, Leningrad, v. 6 (6), 506-508
Myxosporidia, 6 spp., lipid inclusions in spores and cysts

Kudoa [sp.], illus.
Kudoa [sp.] in Chaetodon (skeletal muscle), ultrastructure, light and electron microscopy, differential diagnosis

Kudoa pericardialis n. sp., illus.
Seriola quinqueradiata (pericardial cavity): Ajiro Bay, Shizuoka prefecture

Kudoa quadratum (Thelohans, 1895), illus.
Syn.: Chloromyxum quadratum Thelohans, 1895
Trachurus mediterraneus ponticus
Synagathus nigrolineatus
Gobius melanostomus (skeletal musculature of all): all from Black Sea

Kudoa sphyraeni n. sp., illus.
Sphyraena jello (muscles of gut wall): Off-shore Fishing Station, Visakhapatnam, and Bheemunipatnam, Andhra Pradesh

Kudoa tetraspora n. sp., illus.
Mugil cephalus (brain tissue around optic lobes): India
Lamblia intestinalis (Giardia lamblia)

Lambertiella muris


Lambertiella muris, cysts, ultrastructure

Lambertiella muris, illus.


Lambertiella muris, cysts, ultrastructure

Lambertiella muris, illus.

Tumka, A. F., 1972, Parazitologiia, Leningrad, v. 6 (3), 222-228

Lambertiella muris, Trichomonas muris, Octomitus muris, localization in white mice exposed to x-irradiation

Lambertiella. See Giardiasis.

Lambertiella keilin, 1921


Tetrahymenidae
generic diagnosis; Syn.: Tetrahymena pro parte
ciliated protozoa found associated with culicine mosquitoes in nature, review (infectivity and host resistance, pathogenicity, mode of entry into host, facultative or obligate parasitism?, taxonomic and nomenclatural considerations, potential importance in biological control of mosquitoes)

Lambertiella clarki n. sp., illus.


Aedes sierrensis (body cavity): California

Lambertiella stegowymiae keilin, 1921, illus.


redescription

Lankesterella [sp.]


Corvus frugilegus

Passer domesticus

di from Britain

Lankesterella [sp.], similar to, illus.

Leptodactylus occellatus (blood): Brasil
Lankesterella ranarum, illus.
Coccidiodomorpha, life cycles, mechanisms assuring continuation of transmission, thesis
Rana esculenta (sang, cellules reticulo-endothéliales des tissus): rivieres de la cote Est de Corse (Piume Orbo, La Bravone, Stabaccio)

Lankesterella [sp.]
Fringilla coelebs
Parus ater
Prunella modularis
Erithacus rubecula
Certhia familiaris
Passer montanus
all from near Tring, Hertfordshire

Lankesterella baznosanui nov. sp., illus.
Chiriac, E.; and Steopoe, I., 1977, Rev. Roumaine Biol., s. Biol. Animale, v. 22 (2), 139-140
Lacerta vivipara (capillaires et veinules des ovaires, corps jaune, capsules surrenales)

Lankesterella minima (Chaussat, 1850), illus.
description
Syn.: L. ranarum Lank
Rana esculenta (cervene krivinky, jatra, oko, ojedinele i slezina): CSSR

Lankesterella ranarum Lank
as syn. of L. minima (Chaussat, 1850)

Lankesterellidae Noller, 1920
Chiriac, E.; and Steopoe, I., 1977, Rev. Roumaine Biol., s. Biol. Animale, v. 22 (2), 139-140
modified diagnosis

Lankesteria culicis Ross
Lankesteria culicis as possible factor regulating mosquito populations
Anopheles maculipennis (opening of middle intestine)
Culex p. pipiens (opening of middle intestine)
Aedes excruciens (opening of middle intestine)
A. geniculatus
all from Ukraine

Laverania ranarum Grassi et Feletti, 1892
as syn. of Dactylosoma ranarum (Krusse, 1890) Labbe, 1894

Lecudina

Lecudina aphrodita (Lankester, 1863) Kamm, 1922

Lecudina arabellae [of] Schrevel, 1963
as syn. of Lecudina arabellae H. Hoshide, 1958

Lecudina bhatiai n. nov.

Lecudina bogolepovaiae (Levine, 1971) n. comb.

Lecudina criodrillii (Sciaccichiano, 1931) n. comb.

Lecudina elongata (Mingazzini, 1891) Kamm, 1922

Lecudina eunicae Bhatia & Setna, 1938
renamed: L. bhatiai n. nov.

Lecudina euphyrosynes Bogolepova, 1953
Lecudina flactus Iitsuoka, 1931
Syn.: Lecudina flactus Iitsuoka of Hoshide (1958) lapsus calami

Lecudina flukus Iitsuoka of Hoshide (1958)
lapsus calami
as syn. of Lecudina flukus Iitsuoka, 1931

Lecudina ganapatii Vivier, Ormieres & Tuzet, 1964
Syn.: Lecudina pellucida (Koelliker) Mingazzini, 1891 of Ganapatii (1946) non L. pellucida (von Koelliker, 1848) Mingazzini, 1891

Lecudina heterocephala (Mingazzini, 1891) Kamm, 1922
Synonym

Lecudina laubieri Theodorides, 1969
Syn.: Lecudina (Cyngicollum) Laubieri Theodorides, 1969

Lecudina (Cyngicollum) laubieri Theodorides, 1969
as syn. of Lecudina laubieri Theodorides, 1969

Lecudina legeri (Brasil, 1909) Kamm, 1922
Synonym

Lecudina leptonereidis Schrevel, 1963

Lecudina lisidicae Bhatia & Setna, 1938 of Bogolepova (1953)
as syn. of Lecudina lisidicae Bhatia & Setna, 1938

Lecudina lisidicae Bhatia & Setna, 1938
Syn.: Lecudina lisidicae Bhatia & Setna, 1938 of Bogolepova (1953)

Lecudina mammilata H. Hoshide, 1944

Lecudina nereicola (Bogolepova, 1953) n. comb.
Syn.: Polyryhahdina nereicola Bogolepova, 1953

Lecudina pellucida (von Koelliker, 1848) Mingazzini, 1891
Synonym

Lecudina platynereidis
syzygy from Platynereis dumerillii at Ville-franche-sur-Mer identified by Theodorides, 1969 a, as Lecudina platynereidis actually belongs to D. schreveli

Lecudina polydorae (Leger, 1893) Kamm, 1922
Synonym

Lecudina postae n. sp., illus.
Hyalinocia tubicola (tube digest): Cap Corse

Lecudina pyriformis Bogolepova, 1953

Lecudina staurocephali (Mingazzini, 1891) n. comb.
Syn.: Koellikerella staurocephali Mingazzini, 1891; Koellikerella staurocephali (Mingazzini, 1891) Lahhe, 1899

Leidyana gunanangangai n. sp., illus.
Rhytina impolitus (midgut, hindgut): Gulgarga (Karnataka, India)

Leishmania
cutaneous leishmaniasis, human, description of first epidemic to be reported from the Sudan

Leishmania
serodiagnostic tests for Chagas disease performed on sera of patients with visceral leishmaniasis gave positive results with several immunologic methods, indicates "group-reactions" within Trypanosomatidae

Leishmania
Bray, R. S., 1974, Ciba Found. Symp., n.s. (20), 87-105
leishmaniasis, epidemiology, review with emphasis on zoonotic cutaneous leishmaniasis of Ethiopia

Leishmania
leishmaniasis, immunodiagnosis, review

Leishmania
wisceral leishmaniasis, human, review of previously reported autochthonous cases in Libya
Leishmania
Dobrzhanskaia, R. S., 1979, Vestnik Dermat. i Venereol. (6), 56-59
leishmaniasis, human cutaneous, preparation of diagnostic leishmanial antigen based on deep freezing followed by thawing

Leishmania
Kinetoplastida, cultivation, review

Leishmania
kala-azar, humans, extensive epidemiologic survey using the leishmanin skin test: south-west Ethiopia

Leishmania
Leishmania, early documentation of human leishmaniasis, taxonomic chronology of genus, synonymies of principal species, list of species not normally infective to humans, recent developments in leishmanial systematics

Leishmania
Identification of economically important parasites (use of anatomical, biochemical, and behavioral tests), brief review

Leishmania
leishmaniasis, clinical and histological features of South West African form

Leishmania
biochemistry of parasitic protozoa, textbooks: methodology; catabolism and generation of energy; nucleic acid metabolism; protein metabolism; lipid metabolism; biochemical mechanism of drug action; isolation of parasitic protozoa from infected animals; culture of parasitic protozoa

Leishmania
Leishmania spp., parasite biology, clinical aspects of leishmaniasis, extensive review and bibliography: taxonomy, morphology, transmission, development, disease in man and animals, experimental infections

Leishmani[a], illus.
human cutaneous Mediterranean leishmaniasis, ultrastructural aspects of pathology

Leishmania
Lumsden, W. H. R., 1974, Ciba Found. Symp., n.s. (20), 3-27
leishmaniasis and trypanosomiasis, causative organisms compared and contrasted, review

Leishmania
demonstration of antibodies to Protozoa, extensive review

Leishmania
Leishmania spp., immunized rabbits, infected hamsters (exper.), and humans, quantitative estimation of antibody titers by enzyme-linked immunosorbent assay, some comparisons with passive hemagglutination, complement fixation, and countercurrent immunoelectrophoresis

Leishmania
immune response to Leishmania, review

Leishmania
Leishmania experimental dog infections with human strains of espundia or uta types, dogs equally susceptible to both types

Leishmania
Mauel, J.; et al., 1974, Ciba Found. Symp., n.s. (25), 225-242
Leishmania, survival and death in macrophages, review

Leishmania
Mayrink, W.; et al., 1978, Tr. Roy. Soc. Trop. Med. and Hyg., v. 72 (6), 676
human dermal leishmaniasis, field trial of vaccine, responses to Montenegro antigen after immunization with killed Leishmania promastigotes: Brazil

Leishmania
American dermal leishmaniasis, humans, immunization, field trial using a vaccine containing killed promastigotes of 5 stocks of Leishmania, preliminary report of promising control method: Brazil

Leishmania
Mendes, E., 1979, Cellular Immunol., v. 42 (2), 424-427
transfer of delayed hypersensitivity to leishmanin (Montenegro reaction), remains to be established whether this alters clinical course of visceral leishmaniasis

Leishmania
phlebotomine sandflies (vector of leishmaniasis), preliminary isoenzyme studies, possible application to identifying populations of medical importance

Leishmania
borderline cutaneous leishmaniasis, clinical, immunologic and histological differences from mucocutaneous leishmaniasis, patients from Bahia, Brazil
Leishmania
trypanosomiasis, leishmaniasis, chemotherapy, review

Leishmania, illus.
human mucocutaneous leishmaniasis, case report and autopsy findings of infection in Japanese patient who had never abroad: Osaka, Japan

Leishmania
Peters, W., 1974, Ciba Found. Symp., n.s. (20), 309-334
trypanosomiasis, leishmaniasis, drug resistance, review

Leishmania
Ponirovskii, E. N., 1975, Parazitologiia, Leningrad, v. 9 (2), 139-141
Leishmania, comparison of 3 methods of identification of strains

Leishmania
clinical and experimental leishmaniasis, immunology, review

Leishmania
Price, S. M.; and Silvers, D. N., 1977, Arch. Dermat., Chicago, v. 113 (10), 1415-1416
cutaneous leishmaniasis resulting in ulcerous lesion on arm of college student who had recently returned from Peru, case report, diagnostic problems finally resolved by fluorescent antibody test: New York

Leishmania
leishmaniasis, human cutaneous, histopathology in relationship to immunological mechanisms, logarithmic parasite index to provide framework of various disease forms and their inter-relationships

Leishmania
Pan Am. Health Organ., 67-76
Leishmania, Echinococcus granulosus, E. multilocularis, role of wildlife in transmission of zoonoses

Leishmania
Rondanelli, E. G.; et al., 1976, Recenti Prog. Med., v. 61 (2), 137-162
Leishmania donovani and L. tropica promastigote forms in vitro, basis for qualifying characters of ultrastructural organization of genus Leishmania and aspects of its reproduction and pathogenicity; promastigote and endomastigote phases discussed

Leishmania, illus.
cutaneous leishmaniasis, 54-year-old woman, microscopical findings, ultrastructure of lesion presented to facilitate diagnosis in South West Africa

Leishmania
leishmaniasis, characterization of nidi on basis of "transmissible factor" (species composition of sandfly vectors)

Leishmania
Sharma, M.; et al., 1979, Immune Reg. Transfer Factor, 563-569
human cutaneous Leishmania infection, transfer factor therapy, double blind clinical trial: Iran

Leishmania
Leishmania, human, persistent cutaneous infection, therapy with Leishmania-specific transfer factor

Leishmania
Leishmania, mother and son, case reports: Constanta, contracted in Libya

Leishmania
Trager, W., 1974, Ciba Found. Symp., n.s. (20), 225-254
trypanosomes, leishmanias, nutrition and biosynthetic capabilities, problems of in vitro cultivation and differentiation, review

Leishmania
Turk, J. L.; and Belehu, A., 1974, Ciba Found. Symp., n.s. (25), 101-122
infectious diseases including leishmaniasis and Chagas' disease, evidence for immunological basis of spectra of clinical manifestations, review

Leishmania
Vickerman, K., 1974, Ciba Found. Symp., n.s. (20), 171-198
trypanosomatid flagellates, ultrastructure, review with emphasis on changes during life cycles

Leishmania
techniques for membrane feeding and infecting of laboratory reared Lutzomyia vectors of leishmaniasis

Leishmania
immunopathology due to cell-mediated (Type IV) reactions, review

Leishmania
Williams, P.; and Coelho, M. de V., 1978, Advances Parasitol., v. 16, 1-42
Leishmania, taxonomy and nomenclature, Phlebotominae as hosts for Trypanosomatidae, review
Leishmania adleri Heisch, 1958

Leishmania adleri
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania adleri Heisch, illus.
Leishmania adleri, virulence for Cricetus auratus increases with successive passage, ultrastructure of leptomonad stage and characteristics of localization of specific antigens, antigenic comparison with Leishmania of mammals and leptonomads of reptiles

Leishmania aethiopica
Leishmania spp., characterization by isoenzyme electrophoresis, comparison of stocks from Kuwait with stocks from other parts of Old and New Worlds

Leishmania aethiopica
Leishmania aethiopica, metronidazole of no value in treatment of five cases of Ethiopian mucocutaneous leishmaniasis

Leishmania aethiopica
Leishmania spp., variation in electrophoretic mobility of the enzyme phosphoglucomutase in the parasite and its application to the differentiation of leishmanial strains

Leishmania aethiopica
Leishmania, identification of 68 strains from Aethiopian zoogeographical region on basis of biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant density, excreted factor serotypes, enzyme variant types), epidemiological implications

Leishmania aethiopica Bray, Ashford & Bray, 1973
as syn. of Leishmania tropica (Wright, 1903)
Luehe, 1906

Leishmania aethiopica
Leishmania tropica minor, L. aethiopica, polyamine synthesis and levels during growth and replication

Leishmania aegypti David, 1929

Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania americana var. flagellata Escomel, 1913
as syn. of Leishmania braziliensis

Leishmania braziliensis
Leishmania braziliensis, humans, reverse immunodiffusion technique and passive hemagglutination test compared as serological tests

Leishmania braziliensis
Lutzomyia umbratilis L. anduzei (tubo digestivo of all): all from regiao de Mauana, Amazonas, Brasil

Leishmania brasiliensis
Barbosa, W.; et al., 1973, Rev. Patol. Trop., v. 2 (4), 377-386
human visceral leishmaniasis, diagnosis by counterimmunofluorescence, antigens of Leishmania donovani, L. brasiliensis and Leptomonas pessoai compared

Leishmania brasiliensis, illus.
Leishmania brasiliensis, autochthonous case in man, clinical aspects: Texas

Leishmania brasiliensis
high incidence of splenomegaly in Indians of Alto Xingu region, serological investigation for various parasitic diseases indicated only malaria as a possible cause: Brazil

Leishmania brasiliensis
Leishmania spp. promastigotes, analysis of lipids

Leishmania brasiliensis
Leishmania spp., variation in electrophoretic mobility of the enzyme phosphoglucomutase in the parasite and its application to the differentiation of leishmanial strains

Leishmania brasiliensis
Camargo, E. P.; et al., 1978, Exper. Parasitol., v. 46 (2), 141-144
Trypanosoma, Leishmania, and Leptomonas spp., enzymes of ornithine-arginine metabolism, existence of genus-specific enzyme patterns which may serve as biochemical markers in classification of Trypanosomatidae
Leishmania braziliensis
Camargo, E. P.; Itoh, S.; and Alfieri, S. C., 1979, J. Parasitol., v. 64 (6), 1987, 1120-1121

Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Leishmania braziliensis-like, illus.
Leishmania braziliensis-like, entry of promastigotes into human skin fibroblasts in vitro, lack of phagosome-lysosome fusion after entry, transformation into amastigotes, intracellular survival and multiplication; L. donovani promastigotes unable to infect human skin fibroblasts in vitro

Leishmania braziliensis
Leishmania braziliensis, variations of fluorescent antibody titers in persons with recent cutaneous lesions

Leishmania braziliensis
American cutaneous leishmaniasis, humans, N-methylglucamine antimonate therapy evaluated by indirect fluorescent antibody test

Leishmania braziliensis
Leishmania, New World spp., evaluation of 3 commercially available insect cell culture media for in vitro growth

Leishmania braziliensis
New World Leishmania, systems for in vitro large-scale propagation

Leishmania braziliensis complex
Convit, J.; and Pinardi, M. E., 1974, Ciba Found. Symp., n.s. (20), 159-169
cutaneous leishmaniasis, clinical and immunopathological spectrum in South America, review

Leishmania braziliensis
Correia, M. de A.; and Barbosa, W., 1974, Rev. Patol. Trop., v. 3 (2), 171-189
sera from humans infected with visceral or tegumentary leishmaniasis studied by electrophoresis using heterologous and homologous antigens; homologous antigens were more specific and detected higher titers, false positive reactions occurred only with Leishmania donovani

Leishmania braziliensis, illus.
Leishmania braziliensis, L. mexicana, L. tropica, experimental infections in laboratory animals, comparative pathology, characteristics for differential diagnosis

Leishmania braziliensis
Leishmania spp. culture forms, behaviour, nutrition, respiration, and metabolism compared in new liquid culture medium

Leishmania braziliensis
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Leishmania braziliensis
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Leishmania braziliensis
Trypanosoma cruzi, Leishmania donovani, L. braziliensis, cultured successfully in diphasic autoclaved medium of tryptose, glucose, mineral salts, vitamins, blood and agar; medium would not support growth of T. rangeli

Leishmania braziliensis
synonymy

Leishmania braziliensis Vianna, 1911 emend. Matta, 1916
as syn. of Leishmania braziliensis

Leishmania brazilienses Vianna, 1911
as syn. of Leishmania braziliensis

Leishmania braziliensis
Garbase-Delina, M.; Carlquist, I.; and Mendes, N. F., 1979, Cellular Immunol., v. 48 (1), 231-234
specificity of local transfer of cell-mediated immunity to several antigens (including leishmanin) with dialyzable transfer factor

Leishmania braziliensis
mucocutaneous leishmaniasis immunofluorescence test using in vitro grown strain of L[leishmania] braziliensis, antigen standardization, cross reactions with Chagas disease and kala-azar sera

Leishmania braziliensis
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation
Leishmania braziliensis

Hendricks, L.; and Wright, N., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 962-964
Leishmaniasis, human cutaneous infections of New and Old World origin, diagnosis by in vitro cultivation of saline aspirates from lesions in Schneider's Drosophila Medium supplemented with 30% fetal bovine serum

Leishmania braziliensis

Leishmania braziliensis, 164 Panamanian strains, dissemination patterns in Mesocricetus auratus

Leishmania braziliensis

Crithidia fasciculata, Leishmania spp., adenine aminohydrolase, occurrence and possible significance

Leishmania braziliensis

Leishmaniasis in Latin America, epidemiology, ecology, and taxonomy, review

Leishmania braziliensis

Leishmania spp., immunized rabbits, infected hamsters (exper.), and humans, quantitative estimation of antibody titers by enzyme-linked immunosorbent assay, some comparisons with passive hemagglutination, complement fixation, and countercurrent immunoelectrophoresis

Leishmania braziliensis

Leishmania donovani-infected humans, increased IgG levels, L. donovani, L. braziliensis, and L. tropica antigens used in comparison of immunological diagnostic methods studying antibody titers, indirect haemagglutination test unsuitable for diagnosis

Leishmania braziliensis

Leishmania donovani, L. braziliensis, culture forms, purine metabolism

Leishmania braziliensis

leishmaniasis, clinical diagnosis and therapy, brief review

Leishmania braziliensis

Leishmania braziliensis, patients before and after antimonial treatment, diagnosis, Montenegro's test using aqueous and polysaccharide antigens

Leishmania braziliensis

Leishmania braziliensis, humans cured with glucantime, 523 negative reactions to Montenegro intradermal test, possible immunological implications

Leishmania braziliensis

cutaneous leishmaniasis, human, standardization of Montenegro antigen for intradermal diagnostic test

Leishmania braziliensis

Mendes, N. P.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Leishmania braziliensis

Leishmania braziliensis, effect of peritoneal macrophages from mice injected with parasites on in vitro growth of tumor cells

Leishmania braziliensis

Nelson, D. J.; et al., 1979, J. Biol. Chem., v. 254 (10), 3959-3964
Leishmania braziliensis, L. donovani, pyrazolo (3,4-d)pyrimidines, metabolism, possible explanation for antileishmanial activity

Leishmania braziliensis

Nelson, D. J.; et al., 1979, J. Biol. Chem., v. 254 (22), 11544-11549
Leishmania spp., allopurinol ribonucleoside as an antileishmanial agent: biological effects, metabolism, and enzymatic phosphorylation

Leishmania braziliensis

Nesi, W., 1975, Rev. Brasil. Odontol. (192), v. 32, 51-54
Leishmania braziliensis, oral manifestations of infection, man, case report: Trajano de Moraes, Estado do Rio de Janeiro

Leishmania braziliensis

Neves, D. P.; et al., 1975, Rev. AMMG, v. 26 (3-4), 84-87
Leishmania braziliensis in 2 humans who had earlier visited and slept in a nearby cave where infection was thought to have occurred: Oryzomys eliurus and Cercromys cunicularis cunicularis considered possible reservoirs and Lutzomyia renel possible vector: Rei do Mato cave in Sete Lagoas, Minas Gerais

Leishmania braziliensis

Mucocutaneous leishmaniasis, human, greater sensitivity to skin test using crude extract of Leishmania braziliensis than to promastigote suspension used as antigen

Leishmania braziliensis

Leishmania braziliensis, allopurinol inhibits growth in vitro at concentrations which are attainable in human tissues and body fluids
Leishmania braziliensis braziliensis

Leishmania braziliensis, humans, prevalence survey using the Montenegro skin test: Orinoco, Distrito Federal, Venezuela

Leishmania braziliensis

Leishmania spp., evidence for functional glycolate cycle

Leishmania braziliensis

Leptomonas pessoai, antigenic relationships with other trypanosomatids, cross-protection of mice against Trypanosoma cruzi

Leishmania braziliensis

Antigens of Crithidia fasciculata, Trypanosoma cruzi and Leishmania braziliensis showed cross-reacting precipitating bands with the antigen of Leptomonas pessoai as demonstrated by the agar gel diffusion technique

Leishmania braziliensis

Leishmania braziliensis, human, rapidity of evolution and end consequences of spundia, differences between indigenous Amerinds and persons of African ancestry: Yungas district, Bolivia

Leishmania braziliensis
Wyler, D. J., 1979, Current Therapy (Conn), 36-37

Leishmaniasis, human, chemotherapy, review

Leishmania braziliensis
Wyler, D. J.; Weinbaum, F. I.; and Herrod, H. R., 1979, J. Infect. Dis., v. 140 (2), 215-221

Leishmaniasis patients and control subjects, in vitro proliferative responses of lymphocytes to leishmanial antigens

Leishmania braziliensis

Trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use

Leishmania braziliensis
Zeledon, R.; Ponce, C.; and Murillo, J., 1979, J. Parasitol., v. 65 (2), 275-279

Bradylus griseus
Choleopus hoffmanni (blood, liver)
All from Costa Rica

Leishmania braziliensis braziliensis

Leishmania b. braziliensis, hamsters (exper.), oxamniquine, basis for study of human Leishmania species

Leishmania braziliensis braziliensis

Leishmania, New World spp., evaluation of 3 commercially available insect cell culture media for in vitro growth

Leishmania braziliensis braziliensis braziliensis

New World Leishmania, systems for in vitro large-scale propagation

Leishmania braziliensis braziliensis
Forattini, O. P.; et al., 1973, Rev. Saude Pub., S. Paulo, v. 7 (2), 181-184

Natural infection in sylvatic rodent discovered in enzootic focus of human cutaneous leishmaniasis

Oryzomys capito laticeps: Sao Paulo State, Brasil

Leishmania braziliensis braziliensis Vianna, 1911 emend. Pessoa, 1961


As syn. of Leishmania braziliensis

Leishmania braziliensis braziliensis

Leishmania mexicana amazonensis and L. b. braziliensis in Microtus agrestis and Clethrionomys glareolus, may be more useful as exper. hosts for study of visceral and cutaneous leishmaniasis than conventional laboratory rodents

Leishmania braziliensis braziliensis
tbraziliensis
tbraziliensis


Leishmania braziliensis and L. mexicana in Mesocricetus auratus (exper.), effect of certain inoculation conditions on incubation period and development of cutaneous lesions (site and route of inoculation, amastigotes vs. promastigotes as inocula)

Leishmania braziliensis guyanensis

Leishmania spp., characterization by isoenzyme electrophoresis, comparison of stocks from Kuwait with stocks from other parts of Old and New Worlds

Leishmania braziliensis guyanensis Flock, 1954


As syn. of Leishmania braziliensis

Leishmania braziliensis guyanensis

Techniques for membrane feeding and infecting of laboratory reared Lutzomyia vectors of leishmaniasis

Leishmania braziliensis mexicana Biagi, 1953


As syn. of Leishmania mexicana

Leishmania braziliensis panamensis Lainson & Shaw, 1972


As syn. of Leishmania braziliensis
Leishmania braziliensis panamensis
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania braziliensis peruviana Velez, 1913 emend. Pessoa, 1961
as syn. of Leishmania braziliensis

Leishmania brasiliensis pifanoi Medina & Romero, 1959
as syn. of Leishmania mexicana

Leishmania canis
[Eremias intermedius] [Phrynocephalus interscapularis] (all exper.)

Leishmania cermodactyli Adler & Theodor, 1929

Leishmania chagasi
Kala-azar, human, distribution in Colombia, South America

Leishmania chagasi Cunha & Chagas, 1937
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Leishmania chagasi
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania chagasi
Leishmaniasis in Latin America, epidemiology, ecology, and taxonomy, review

Leishmania chagasi, illus.
Peters, W., 1974, Ciba Found. Symp., n.s. (20), 309-334

Leishmania chagasi
Techniques for membrane feeding and infecting of laboratory reared Lutzomyia vectors of Leishmania chamaeleonis Wenyon, 1920 nec Wenyon, 1921 = Herpetomonas mansoni Bayon, 1926

Leishmania cunninghami Carter, 1909
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Leishmania diffusa Adler, 1962
as syn. of Leishmania mexicana

Leishmania donovani
Afchain, D.; et al., 1979, J. Parasitol., v. 65 (4), 507-514
Trypanosoma cruzi culture forms, antigenic make-up, comparison with salivarjan and some other stercorarian trypanosomes and Leishmania using immunoprecipitation in gels and immuno-electrophoresis, identification of component specific to T. cruzi

Leishmania donovani
Leishmania spp., cultivation in simple diphasic medium which contained no whole blood

Leishmania donovani
Leishmania spp., characterization by isoenzyme electrophoresis, comparison of stocks from Kuwait with stocks from other parts of Old and New Worlds

Leishmania donovani
Alving, C. R.; et al., 1978, Life Sc., v. 22 (12), 1021-1025
Leishmania donovani in Mesocricetus auratus (exper.), meglumine antimoniate, alone and incorporated into liposomes, results suggest that liposome-encapsulated meglumine antimoniate may be markedly more effective than drug alone in chronic infections

Leishmania donovani
Leishmania donovani, hamsters, superior efficacies of liposome-encapsulated meglumine antimoniate and sodium stibogluconate, efficacy of treatment influenced by lipid composition and charge of liposomes, morphology and evidence that liposomes travel to intracellular site of parasite, encapsulation and reduction of dose should minimize toxic reactions to antimonials

Leishmania donovani
Leishmania donovani, nine-year-old girl, incubation period of at least four years, clinical report: Estado de Minas Gerais

Leishmania donovani
Human kala-azar, kidney pathology post mortem

Leishmania donovani
Leishmania spp., comparison of rate of parasite uptake by mouse peritoneal macrophages
Leishmania donovani
Bradley, D. J.; et al., 1979, Clin. and Exper. Immunol., v. 37 (1), 7-14
Leishmania donovani, mapping of locus controlling susceptibility in the mouse

Leishmania donovani
Leishmania donovani, course of infection and pathology in 7 strains of mice with varying degrees of susceptibility, results demonstrate strong control by genetic constitutions of host and provide model for study of innate and acquired immunity to chronic intracellular parasites

Leishmania donovani
Leishmania spp., variation in electrophoretic mobility of the enzyme phosphoglucomutase in the parasite and its application to the differentiation of leishmanial strains

Leishmania donovani
Camargo, E. P.; et al., 1978, Exper. Parasitol., v. 46 (2), 141-144
Trypanosoma, Leishmania, and Leptomonas spp., enzymes of ornithine-arginine metabolism, existence of genus-specific enzyme patterns which may serve as biochemical markers in classification of Trypanosomatidae

Leishmania donovani
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (2), 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Leishmania donovani
Leishmania, identification of 68 strains from Aethiopian zoogeographical region on basis of biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant density, excreted factor serotypes, enzyme variant types), epidemiological implications

Leishmania donovani
Leishmania braziliensis-like, entry of promastigotes into human skin fibroblasts in vitro, lack of phagosome-lysosome fusion after entry, transformation into amastigotes, intracellular survival and multiplication; L. donovani promastigotes unable to infect human skin fibroblasts in vitro

Leishmania donovani
Chang, K. P., 1978, J. Parasitol., v. 64 (5), 931-933
Leishmania donovani, intracellular multiplication during repeated passages in primary cultures of hamster peritoneal macrophages

Leishmania donovani
Chang, K. P., 1979, Exper. Parasitol., v. 48 (2), 175-189
Leishmania donovani, promastigote-macrophage surface interactions in vitro

Leishmania donovani
Leishmania-macrophage interaction in vitro, effect of cytochalasin B, concluded that infection was by phagocytosis rather than active penetration, cells from outbred mouse strain susceptible to L. tropica phagocytosed this species less efficiently than L. enriettii or L. donovani

Leishmania donovani
Bachrach, U.; et al., 1979, Exper. Parasitol., v. 48 (3), 457-463
Leishmania spp., cellular levels and synthesis of polyamines during growth cycle, polyamines characteristics might serve as further criterion for strain identification and classification

Leishmania donovani
Barbosa, W.; et al., 1973, Rev. Patol. Trop., v. 2 (4), 377-386
human visceral leishmaniasis, diagnosis by counterimmunofluorescence, antigens of Leishmania donovani, L. brasiliensis and Leptomonas pessoai compared

Leishmania donovani
Leishmania spp. promastigotes, analysis of lipids

Leishmania donovani
[Phrynocephalus interscapularis; Agama sanguinolenta; Eremias intermedia; Phrynocephalus interscapularis] (all exper.)

Leishmania donovani
Berens, R. L.; and Marr, J. J., 1978, J. Parasitol., v. 64 (1), 160
Leishmania donovani, easily prepared defined medium for cultivation of promastigotes

Leishmania donovani, illus.
Berens, R. L.; and Marr, J. J., 1979, J. Protozool., v. 26 (3), 453-456
Leishmania donovani, growth of amastigotes in continuous macrophage-like murine tumor cell line

Leishmania donovani
Berman, J. D.; Dwyer, D. M.; and Wyler, D. J., 1979, Infect. and Immun., v. 26 (1), 375-379
Leishmania tropica, L. donovani, method of cultivating in human monocyte-derived macrophages

Leishmania donovani
Leishmania donovani, acute growth rates in 25 inbred mouse strains fall into susceptible and resistant groups, breeding experiments show that single gene or linkage group controls acute susceptibility to this parasite in the mouse
Leishmaniasis donovani
Chang, K. P.; et al., 1978, J. Protozool., v. 25 (1), 145-149
methylglyoxal bis(guanylhydrazone) (MGBG), little in vitro effect on Blastocritidia culicis, Crithidia oncopelti, and Leishmania spp. but complete inhibition of growth of Trypanosoma brucei, reduced parasitemia of T. brucei and T. congolense in rats but infections relapsed, tracer studies with T. brucei showed that MGBG interfered with nucleoside incorporation

Leishmania donovani, illus.
Leishmania donovani hamster macrophage interactions in vitro: cell entry, intracellular survival, and multiplication of amastigotes

Leishmania donovani
Correia, M. de A.; and Barbosa, W., 1974, Rev. Patol. Trop., v. 3 (2), 171-189
sera from humans infected with visceral or tegumentary leishmaniasis studied by electrophoresis with heterologous and homologous antigens; homologous antigens were more specific and detected higher titers, false positive reactions occurred only with Leishmania donovani

Leishmania donovani
6 insect trypanosomatids, attempted adaptation to mice, alteration of component elements of excreted factors (EF) produced by the 3 adapted species, EF components of Leishmania donovani isolates differ with varying infectivity for hamsters

Leishmania donovani, illus.
Leishmania donovani presenting as localized lymphadenitis without cutaneous, mucosal or visceral involvement, histologic appearance simulated toxoplasmosis, 2 case reports, value of electron microscopy in differential diagnosis

Leishmania donovani
Decker-Jackson, J. E.; and Honigberg, B. M., 1978, J. Protozool., v. 25 (4), 514-525
Leishmania donovani, antigenically active glycoproteins released by parasites: immunologic properties and relationships with Mycobacterium antigens and human red cell antigens; preliminary biochemical analysis; possible involvement in pathogenesis of kala-azar

Leishmania donovani, illus.
Demidova, A. E.; et al., 1976, Terap. Arkh., v. 48 (12), 52-57
Leishmania donovani, 28-year-old man, visceral leishmaniasis infection of over 2 years' duration: Kirzhach-Vladimir Oblast, had been border guard in Crimean areas

Leishmania donovani, illus.
Ebert, F.; Buse, E.; and Muehlhfordt, H., 1979, Ztschr. Parasitenk., v. 59 (1), 31-41
Leishmania donovani, virulent vs. avirulent promastigotes in hamster peritoneal macrophages in vitro, attachment, process of engulfment, amastigote multiplication, localization, light and electron microscopy

Leishmania donovani
leishmaniasis, human cutaneous and visceral infections, comparison of enzyme-linked immunosorbent assay and indirect fluorescent antibody test using Leishmania donovani antigens in diagnosis

Leishmania donovani
Leishmania donovani, excreted factor from promastigotes, physicochemical, immunological, and biological characterization

Leishmania donovani, illus.
Enriquez, G. L.; Ebert, F.; and Muehlhfordt, H., 1978, Tropenmed. u. Parasitol., v. 29 (3), 315-318
Leishmania donovani, ultrastructural verification of presence of cytochrome type of respiration, localization of cytochrome oxidase and peroxidase activity in amastigotes by means of the diaminobenzidine technique

Leishmania donovani, illus.
Fakatselli, N. M., 1975, Rev. Internat. Pediat. (53), 7-26
kala-azar in children, extensive clinical review, differential diagnosis, pathology, therapy

Leishmania donovani
Leishmania spp., culture forms, behavior, nutrition, respiration, and metabolism compared in new liquid culture medium

Leishmania donovani
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Leishmania donovani
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Leishmania donovani
Trypanosoma cruzi, Leishmania donovani, L. braziliensis, cultured successfully in diphasic autoclaved medium of tryptose, glucose, mineral salts, vitamins, blood and agar; medium would not support growth of T. rangeli

Leishmania donovani (Laveran & Mesnil, 1903)
Ross, 1903
synonymy
Leishmania donovani, illus.
Carrell, A., 1978, Southwest. Vet., v. 31 (2), 125-128
Leishmania donovani in Doberman Pinscher dog (bone marrow macrophage), case report, inconclusive treatment with sodium stibogluconate: Texas, imported from Greece

L[eishmania] donovani

mucocutaneous leishmaniasis immunofluorescence test using in vitro grown strain of L[eishmania] braziliensis, antigen standardization, cross reactions with Chagas disease and kala-azar sera

Leishmania donovani
Leishmania donovani, human, screening of sera for kala-azar using Crithidia sp. as antigen in indirect fluorescent antibody test, some positive reactions with L. tropica, cross-reactions at low titer with Chagas' disease and African trypanosomiasis

Leishmania donovani
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania donovani
Iversson, L. B.; et al., 1979, Rev. Saude Pub., S. Paulo, v. 13 (2), 159-167
Leishmania donovani, autochthonous case in 10-year-old child, extensive epidemiological survey, unable to identify vector: zona urbana de Diadema, municipio da Grande Sao Paulo, Brasil

Leishmania donovani
Khan, M. Sami; and LaMontagne, M. P., 1979, J. Med. Chem., v. 22 (8), 1005-1008
3- and 5- aminoquinolines, potential antimalarials, synthesis, testing of some against Plasmodium berghei in mice, Leishmania donovani in hamsters, or P. cynomolgi in rhesus monkeys

Leishmania donovani
Crithidia fasciculata, Leishmania spp., adenine aminohydrolase, occurrence and possible significance

Leishmania donovani
Leishmania donovani-Mesocricetus auratus model, antileishmanial activity of lepidines (6-methoxy-4-methyl-8-aminoquinoline derivatives)

Leishmania donovani
Kinnamon, K. E.; et al., 1979, Mil. Med., v. 144 (10), 660-664
Leishmaniasis, military significance, laboratory trials in Mesocricetus auratus using aminooquinolines significantly more active than currently used antileishmanial agents

Leishmania donovani
Koszaika, G. W.; and Krenitsky, T. A., 1979, J. Biol. Chem., v. 254 (17), 8185-8193
Leishmania donovani promastigotes, 5 nucleoside hydrolases, separation and purification, catalytic and physical properties

Leishmania donovani
Lanotte, G.; et al., 1979, Ann. Parasitol., v. 54 (3), 277-295
Leishmania donovani in dogs (nat. and exper.), clinical, parasitological, and immunological comparisons, epidemiological significance of different clinical forms: Cevennes, southern France

Leishmania donovani
Kala-azar in children, indirect fluorescent antibody test used for diagnosis and to differentiate Leishmania donovani from Leishmania tropica, cross-reactivity of Leishmania donovani antigen with antisera of other parasitic infections studied

Leishmania donovani
Leishmania donovani, genome complexity and size, number, and sequence arrangement of rRNA genes

Leishmania donovani
Leishmania donovani, immunoelectrophoretic diagnosis using a water-soluble extract of culture forms of parasite

Leishmania donovani
Limbos, P.; and Van Ros, G., 1973, Rev. Med. Liege, v. 28 (8), 249-269
Leishmania donovani, human, extensive clinical, hematological and biochemical study of one case observed in Belgium (native of Portugal)

Leishmania donovani
Leishmania donovani, child, diagnosis using Crithidia sp. as antigen for the indirect fluorescent antibody test gave positive results earlier than direct smear from the spleen

Leishmania donovani
Leishmania donovani-infected humans, increased IgG levels, L. donovani, L. braziliensis, and L. tropica antigens used in comparison of immunological diagnostic methods studying antibody titers, indirect haemagglutination test unsuitable for diagnosis

Leishmania donovani
Leishmania donovani, L. braziliensis, culture forms, purine metabolism
Leishmania donovani

leishmaniasis, clinical diagnosis and therapy, brief review

Leishmania donovani

Leishmania donovani, human, latex agglutination test specific diagnosis for kala-azar

Leishmania donovani

kala-azar patient serum gives positive reactions in complement fixation reaction using BCG antigen, purification of BCG antigenic fractions related to Leishmania donovani

Leishmania donovani

Leishmania tropica, humans with recent primary exposure, fluorescent antibody test detected antibodies to L. donovani in 19 of 41 individuals, complement fixation and indirect hemagglutination tests were not useful for diagnosis

Leishmania donovani

kala-azar, human, geographical distribution, age and sex distribution, clinical findings, wild carnivores as probable reservoir hosts and Phlebotomus major as probable vector: Iran
humans: Iran
golden hamsters (exper.)
dog (exper.)
Meriones vinogradovi (exper.)
M. tristrami (exper.)
Citellus fulvus (exper.)

Leishmania donovani, probably

Canis aureus (bone marrow, spleen): eastern Caspian area, Iran
Vulpes vulpes (bone marrow): east of Shahrud, northeastern Iran

Leishmania donovani, illus.

Leishmania donovani, man, infection of nasopharyngeal tissue and lymph nodes as well as visceral infection, clinical presentation appearing to be nasopharyngeal tumor, diagnostic problems discussed, case report: Naggar, Himachal Pradesh, India

Leishmania donovani

Leishmania donovani, human, 24 sporadic cases of kala-azar, epidemiology, clinical features, complications and associations, hematological and biochemical findings, diagnosis, treatment: north-western India

Leishmania donovani

Nelson, D. J.; et al., 1979, J. Biol. Chem., v. 254 (10), 3959-3964
Leishmania braziliensis, L. donovani, pyrazolo (3,4-d)pyrimidines, metabolism, possible explanation for antileishmanial activity

Leishmania donovani

Leishmania donovani, animal reservoir hosts
Canis familiaris
Tatera robusta
Agama agama
Lattastia longicaudata
Mabuya sp.
Hemidactylus sp.
Varanus sp.
Bubo africa
hawks all from West Pokot and Baringo districts, Kenya

Leishmania donovani

Nini, M., 1977, Shendetesia Popullore (142) (4), 45-49
visceral leishmaniasis, children, clinical aspects of 20 cases: spitalin e Sarandes

Leishmania donovani

O'Daly, J. A.; and Aso, F. M., 1979, Exper. Parasitol., v. 47 (2), 222-231
Trypanosoma cruzi, Leishmania spp., factor in cell-free extracts that induces lysis of mammalian red cells and Vero cells, postulated that this lytic factor is involved in penetration and damage produced by T. cruzi in vertebrate cells

Leishmania donovani

Pinheiro, Z. R.; de Oliveira, O. S.; and Barbosa, W., 1974, Rev. Patol. Trop., v. 3 (2), 153-170
Leishmania donovani, analysis of data from serologic study of persons with confirmed visceral leishmaniasis: electrophoresis, immunoelectrophoresis, counter-immunoelectrophoresis, Ouchterlony immunodiffusion

Leishmania donovani

Ponirovskii, E. N., 1975, Parazitologiya, Leningrad, v. 9 (2), 139-141
Leishmania, comparison of 3 methods of identification of strains

Leishmania donovani

Premvati, G., 1979, J. Trop. Med. and Hyg., v. 82 (5), 105-109
Leishmania donovani-infected mice, correlation of hyperplasia, splenomegaly and hepatomegaly with parasite population, possible application to early diagnosis of human visceral leishmaniasis
Leishmania donovani
Puglia, P.; et al., 1978, Schweiz. Med. Wchnschr., v. 108 (41), 1602
Leishmania donovani, 33 year old woman, isolation and characterization of circulating immune complexes present in high concentration, probable participation in pathogenesis

Leishmania donovani
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Leishmania donovani
Leishmania donovani, golden hamsters, HOE 668 compared with known antileishmanial drugs, toxicity precludes further development but very good anti-leishmanial action qualifies it as standard compound in screening tests

Leishmania donovani
Leishmania donovani, humans, canines, sero-immunological diagnosis, review

Leishmania donovani
Leishmania donovani, isolation using 3 different culture media

Leishmania donovani
kala-azar, children, serum immunoglobulin and complement levels, percentage of T and B cells, skin reactivity to Leishmania antigen

Leishmania donovani
Leishmania donovani, natural infection in dogs, kidney pathology probably mediated as an immune mechanism

Leishmania donovani, ilius
Rondanelli, E. G.; et al., 1976, Recenti Prog. Med., v. 61 (2), 137-162
Leishmania donovani and L. tropica promastigote forms in vitro, basis for qualifying characters of ultrastructural organization of genus Leishmania and aspects of its reproduction and pathogenicity; promastigote and endomastigote phases discussed

Leishmania donovani, ilius
Schalm, O. W., 1979, Canine Pract., Santa Barbara, v. 6 (6), 46-49
trypanosomiasis, Leishmania donovani, and other uncommon blood disorders, dogs, case reports

Leishmania donovani
Scovill, J. P.; et al., 1979, J. Med. Chem., v. 22 (10), 1164-1167
Plasmodium cynomolgi in rhesus monkeys, Leishmania donovani in golden hamster, derivatives of 4-amino-2-methoxyacridine

Leishmania donovani
Leishmania donovani promastigotes, exometabolites, isolation and initial characterization

Leishmania donovani
2-substituted primaquine analogues synthesized and evaluated in laboratory animals against Plasmodium berghei, P. cynomolgi, Trypanosoma rhodesiense, Leishmania donovani and Schistosoma mansoni; significant activity was observed against P. berghei and L. donovani

Leishmania donovani
Leishmania spp., evidence for functional glycolate cycle

Leishmania donovani
Sulzky, G. M.; El-On, J.; and Greenblatt, C. L., 1979, Infect. and Immum., v. 26 (3), 916-924
Leishmania tropica, L. donovani, leishmanial excreted factor, protein-bound and free forms from promastigote cultures, improved method for isolation

Leishmania donovani
Smrkvoski, L. L.; Larson, C. L.; and Reed, S. G., 1979, Infect. and Immum., v. 25 (3), 1078-1080
Leishmania donovani, increased susceptibility in congenitally athymic mice, correlated with lack of Arthus and delayed type responses

Leishmania donovani
de Souza, M. do C. M., 1974, Rev. Patol. Trop., v. 3 (5), 291-332
Leptomonas pessoai, antigenic relationships with other trypanosomatids, cross-protection of mice against Trypanosoma cruzi

Leishmania donovani
Leishmania donovani promastigotes, adenylosuccinate synthetase and adenylosuccinate lyase, purification, properties, substrate and inhibitor specificities, selective activation of allopurinol ribonucleotide may be related to its antileishmanial activity

Leishmania donovani
visceral leishmaniasis, 3-year-old child, case report: Texas (infection acquired while living in Greece)

Leishmania donovani
Leishmania donovani, human, erythrocytolytic enzymes inhibited, haematological changes, normalization following sodium antimony gluconate therapy
Leishmania donovani, illus.
bone marrow aspiration, diagnostic technique for Leishmania donovani and other blood dyscrasias

Leishmania donovani
Trager, W., 1974, Ciba Found. Symp., n.s. (20), 225-254
trypanosomes, leishmanias, nutrition and biosynthetic capabilities, problems of in vitro cultivation and differentiation, review

Leishmania donovani, illus.
Leishmania donovani in adults, clinical and diagnostic study of 2 cases and description of differences in presentation from that of infantile leishmaniasis: Spain

Leishmania donovani
Walter, R. D.; Buse, E.; and Ebert, F., 1978, Tropenmed. u. Parasitol., v. 29 (4), 439-442
Leishmania tropica, L. donovani, in vitro, correlation between cyclic adenosine monophosphate concentration within cells and their proliferation and transformation

Leishmania donovani
Weisinger, J. R.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (2, pt. 1), 357-359
Leishmaniasis, human, case report, kidney involvement demonstrated clinically and histologically, deposits of immune complexes: University Hospital of Caracas, Venezuela

Leishmania donovani
Wyler, D. J., 1979, Current Therapy (Conn), 36-37
leishmaniasis, human, chemotherapy, review

Leishmania donovani
Wyler, D. J.; Weinbaum, F. I.; and Herrod, H. R., 1979, J. Infect. Dis., v. 140 (2), 215-221
leishmaniasis patients and control subjects, in vitro proliferative responses of lymphocytes to leishmanial antigens

Leishmania donovani var. archibaldi Castellan & Chalmers, 1919
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Leishmania donovani chagasi Cunha & Chagas, 1937 emend. Nicoli, 1963
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Leishmania donovani donovani (Laveran & Mesnil, 1903) Ross, 1903 emend. Nicoli, 1963
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Leishmania donovani infantum
visceral and cutaneous leishmaniasis, humans, animals, epidemiology, extensive review: Algerie, Maroc, et Tunisie

Leishmania donovani infantum Nicolle, 1908
emend. Nicoli, 1963
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Leishmania donovani sinensis Nicoli, 1953
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Leishmania enriettii
Leishmania spp., comparison of rate of parasite uptake by mouse peritoneal macrophages

Leishmania enriettii
Leishmania spp., comparison of rate of parasite uptake by mouse peritoneal macrophages

Leishmania enriettii
Leishmania–macrophage interaction in vitro, effect of cytochalasin B, concluded that infection was by phagocytosis rather than active penetration, cells from outbred mouse strain susceptible to L. tropica phagocytosed this species less efficiently than L. enriettii or L. donovani

Leishmania enriettii
Leishmania spp. promastigotes, analysis of lipids

Leishmania enriettii
Buchmueller, Y.; and Mauel, J., 1979, J. Exper. Med., v. 150 (2), 359-370
Leishmania enriettii, destruction in macrophages activated by supernates from concanavalin A-stimulated lymphocytes

Leishmania enriettii
Leishmania, New World spp., evaluation of 3 commercially available insect cell culture media for in vitro growth

Leishmania enriettii
New World Leishmania, systems for in vitro large-scale propagation
Leishmania enrietti
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Leishmania enrietti Muniz & Medina, 1948

Leishmania enrietti
Kinetoplastida spp., Plasmodium spp., conversion of dihydroorotate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Leishmania enrietti
Handman, E.; and Greenblatt, C. L., 1977, Ztschr. Parasitenk., v. 53 (2), 143-147
Leishmania enrietti in vitro grows well in guinea pig macrophages but fails to grow in mouse macrophages; medium containing excretory factors from L. enrietti culture (conditioned medium) promotes infection in mouse macrophages but similar medium from L. tropica does not; immune precipitation of medium by anti-Leishmania serum cancels infection-promoting effect; L. tropica infection of guinea pig macrophages enhanced by homologous medium

Leishmania enrietti
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania enrietti
Matossian-Rogers, A., 1979, Clin. and Exper. Immunol., v. 36 (1), 38-45
Leishmania enrietti, L. tropica major, guinea pigs, macrophage spreading test in vitro, correlation with delayed hypersensitivity in vivo

Leishmania enrietti, illus.
Leishmania enrietti, destruction of intracellular organisms in macrophages activated by cocultivation with stimulated macrophages

Leishmania enrietti
Poulter, L. W., 1979, Clin. and Exper. Immunol., v. 36 (1), 24-29
Leishmania enrietti, in vitro cultivation can be used to achieve quantification of viable parasites within an inoculum and within infected guinea-pig tissues

Leishmania enrietti
Poulter, L. W., 1979, Clin. and Exper. Immunol., v. 36 (1), 30-37
Leishmania enrietti, guinea pigs, kinetics and quality of acquired resistance in self-healing and metastatic cutaneous leishmaniasis

Leishmania enrietti
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Leishmania enrietti, illus.
Leishmania enrietti, in vitro fate of promastigotes vs. amastigotes in macrophages obtained from peritoneal cavities of normal non-immune mice

Leishmania enrietti
techniques for membrane feeding and infecting of laboratory reared Lutzomyia vectors of leishmaniasis

Leishmania furunculosa (Firth, 1891) Blanchard, 1904
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Leishmania garnhami n. sp., illus.
Leishmania garnhami n. sp., epidemiology, pathology, behaviour in exper. hosts and in culture, associated with Lutzomyia townsendi, light and electron microscopy human (cutaneous lesions): urban, suburban and rural areas in the Venezuelan Andes region, mainly from 800 to 1,800 m Syrian hamsters (exper.)

Leishmania gerbili Chu et al., 1968

Leishmania gymnodactyli Khodukin & Sofiev, 1947 ? nom. nud.

Leishmania hennici (Leger, 1918) Wenyon, 1920 nec Wenyon, 1921

Leishmania herreri sp. n., illus.
Zeledon, R.; Ponce, C.; and Murillo, J., 1979, J. Parasit., v. 65 (2), 275-279
Choleopus hoffmanni (skin of dorsum and ear, blood, liver, spleen) Bradypus grisens (blood, spleen) Lutzomyia ylephiletor L. shannoni L. trapidoi all from Costa Rica

Leishmania hertigi
Leishmania spp. promastigotes, analysis of lipids
Leishmania hertigi
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Leishmania hertigi Herrer, 1971

Leishmania hertigi
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania hertigi deanei nov. subsp., illus.
Coendou prehensilis
Coendou nov. sp. (liver, spleen, skin) all from Ponta de Pedras, Marajo Island, Para State, north Brazil

Leishmania hertigi deanei, illus.
Leishmania hertigi deanei, ultrastructure of promastigotes, amastigotes and virus-like particles observed within promastigotes; laboratory mammals were poor hosts with infection detectable only by culture, laboratory-bred Lutzomyia longipalpis developed poor infections

Leishmania hertigi deanei
Leishmania hertigi, taxonomic differentiation of strains from Panama and Brazil using morphological, biochemical and serological characteristics

Leishmania hertigi deanei
Leishmania spp., amastigotes, unusual axonemal doublet arrangements in flagellum, possible taxonomic marker between Old and New World species

Leishmania hertigi hertigi
Leishmania hertigi hertigi, taxonomic marker between Old and New World species

Leishmania hertigi
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania infantum Nicolle, 1908
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Leishmania infantum
human and canine visceral leishmaniasis, micro-scale enzyme-linked immunosorbent assay (micro-ELISA) technique for serodiagnosis using Leishmania infantum as soluble antigen

Leishmania major
Leishmania, identification of 68 strains from Aethiopian zoogeographical region on basis of biochemical and serological taxonomy (nuclear and kinetoplast DNA buoyant density, excreted factor serotypes, enzyme variant types), epidemiological implications

Leishmania major
Leishmania major, search for reservoirs for human infection, Tatera gambiana (bone marrow), Mastomys erythroleucus (spleen, liver) all from Senegal, West Africa

Leishmania major Yakimoff & Schokhor, 1914 emend.
Bray, Ashford & Bray, 1973
Leishmania major, potential vector of Leishmania major in The Gambia

Leishmania mexicana, illus.
Leishmania spp., amastigotes, unusual axonemal doublet arrangements in flagellum, possible taxonomic marker between Old and New World species
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Leishmania mexicana, L. tropica major, lesion growth in mice was markedly inhibited by concurrent Trypanosoma brucei infections, possible mechanisms, may or may not have immunological basis

Leishmania mexicana
Alexander, J.; and Phillips, R. S., 1978, Exper. Parasitol., v. 45 (1), 93-100
Leishmania tropica major and L. mexicana, cross-immunity in mice, first reported observation of less virulent Leishmania species being able to confer immunity against a more virulent species

Leishmania mexicana
Arredondo, B.; and Perez, H., 1979, Infect. and Immun., v. 25 (1), 16-22
Leishmania mexicana, mice, chronic infection, alterations of immune response, results suggest role for suppressor cells in pathogenesis of diffuse cutaneous leishmaniasis

Leishmania mexicana
Bachrach, U.; et al., 1979, Exper. Parasitol., v. 48 (3), 457-463
Leishmania spp., cellular levels and synthesis of polyamines during growth cycle, polyamines characteristics might serve as further criterion for strain identification and classification

Leishmania mexicana
Bachrach, U.; et al., 1979, Exper. Parasitol., v. 48 (3), 464-470
Leishmania spp., effect of ethidium, pentamidine, and methylglyoxal-bis (guanylhydrazone) on growth and on polyamine, RNA, and DNA synthesis

Leishmania mexicana
Leishmania spp. promastigotes, analysis of lipids

Leishmania mexicana
Leishmania, New World spp., evaluation of 3 commercially available insect cell culture media for in vitro growth

Leishmania mexicana
New World Leishmania, systems for in vitro large-scale propagation

Leishmania mexicana complex
Convit, J.; and Pinardi, M. E., 1974, Ciba Found. Symp., v. 8 (20), 159-169
Cutaneous leishmaniasis, clinical and immunopathological spectrum in South America, review

Leishmania mexicana
Correia, M. de A.; and Barbosa, W., 1974, Rev. Patol. Trop., v. 3 (2), 171-189
Sera from humans infected with visceral or tegumentary leishmaniasis studied by electrophoresis using heterologous and homologous antigens; homologous antigens were more specific and detected higher titers, false positive reactions occurred only with Leishmania donovani

Leishmania mexicana, illus.
Leishmania braziliensis, L. mexicana, L. tropica, experimental infections in laboratory animals, comparative pathology, characteristics for differential diagnosis

Leishmania mexicana
Leishmania spp. culture forms, behaviour, nutrition, respiration, and metabolism compared in new liquid culture medium

Leishmania mexicana
synonymy

Leishmania mexicana
Hart, P. A., 1979, Lysosomes Applied Biol. and Therap., v. 6, 409-423
Phagosome-lysosome fusion in macrophages, possible role in intracellular fate of ingested microorganisms, review including some information on parasitic protozoa

Leishmania mexicana
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania mexicana
Crithidia fasciculata, Leishmania spp., adenine aminohydrolase, occurrence and possible significance

Leishmania mexicana
leishmaniasis in Latin America, epidemiology, ecology, and taxonomy, review

Leishmania mexicana
Leishmania spp., immunized rabbits, infected hamsters (exper.), and humans, quantitative estimation of antibody titers by enzyme-linked immunosorbent assay, some comparisons with passive hemagglutination, complement fixation, and countercurrent immunoelectrophoresis

Leishmania mexicana
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Leishmania mexicana
Nelson, D. J.; et al., 1979, J. Biol. Chem., v. 254 (22), 11544-11549
Leishmania spp., allopurinol ribonucleoside as an antileishmanial agent: biological effects, metabolism, and enzymatic phosphorylation

Leishmania mexicana
O'Baly, J. A.; and Aso, P. M., 1979, Exper. Parasitol., v. 47 (2), 222-231
Trypanosoma cruzi, Leishmania spp., factor in cell-free extracts that induces lysis of mammalian red cells and Vero cells, postulated that this lytic factor is involved in penetration and damage produced by T. cruzi in vertebrate cells

Leishmania mexicana
Perez, H.; Arredondo, B.; and Gonzalez, M., 1978, Infect. and Immun., v. 22 (2), 301-307
Leishmania mexicana, 2 human strains (one from typical case of American cutaneous leishmaniasis and one from case of diffuse cutaneous leishmaniasis) in 2 strains of inbred mice, course of lesions, delayed hypersensitivity response, agglutinating antibodies, in vitro responses to leishmanial antigens and to mitogens, results show impaired immune response in BALB/c mice

Leishmania mexicana
Perez, H.; Arredondo, B.; and Machado, R., 1979, Exper. Parasitol., v. 48 (1), 9-14
Leishmania mexicana, L. tropica major, cross immunity in mice, evidence of shared antigenic determinants which are involved in cell-mediated immune responses

Leishmania mexicana, illus.
Perez, H.; Labrador, F.; and Torrealba, J. W., 1979, Internat. J. Parasitol., v. 72 (1), 56-65
Leishmania mexicana, variations in response of 5 strains of mice (course of infection, delayed type hypersensitivity response, humoral antibody production), crossing experiments between resistant and susceptible strains, results suggest that resistance is inherited as dominant character

Leishmania mexicana
Leishmania mexicana, course of infection in normally nourished vs. protein-deficient mice, possible interaction between malnutrition, impairment of immune response, and chronicity of cutaneous leishmaniasis

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Leishmania mexicana, illus.
Vickerman, K., 1974, Ciba Found. Symp., n.s. (20), 171-198
trypanosomatid flagellates, ultrastructure, review with emphasis on changes during life cycles

Leishmania mexicana
Wyler, D. J., 1979, Current Therapy (Conn), 36-37
leishmaniais, human, chemotherapy, review

Leishmania mexicana amazonensis
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Leishmania mexicana amazonensis
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Leishmania mexicana amazonensis, illus.
Peters, W., 1974, Ciba Found. Symp., n.s. (20), 309-334

Leishmania mexicana amazonensis Lainson & Shaw.
1972
Leishmania mexicana amazonensis in Lutzomyia flaviscutellata, incidence, seasonal density, vertical distribution
hamsters (exper.);
Lutzomyia flaviscutellata (mid- and fore-gut, 'hind-triangle'): Vega de Oropouche and Aripo-Waller Field, Trinidad, West Indies

Leishmania mexicana amazonensis
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Leishmania mexicana goularti nov. s. sp.
Leishmania mexicana goularti nov. s. sp. isolated in Bahia in 1960 as strain no. 4, classified as new subsp. on basis of infection in hamster, behavior in culture and localization in phlebotomids: Brasil

Leishmania mexicana goularti Brazil, 1974 nom. nud.
as syn. of Leishmania mexicana

Leishmania mexicana mexicana
Afchain, D.; et al., 1979, J. Parasitol., v. 65 (4), 507-514
Trypanosoma cruzi culture forms, antigenic make-up, comparison with salivarian and some other stercorarian trypanosomes and Leishmania using immunoprecipitation in gels and immunoelectrophoresis, identification of component specific to T. cruzi

Leishmania mexicana mexicana
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Leishmania mexicana mexicana Biagi, 1953 emend. Lainson & Shaw, 1972
as syn. of Leishmania mexicana

Leishmania mexicana mexicana
Leishmania mexicana mexicana, Mastomys natalensis readily infected and could serve as useful laboratory host for immunological and chemotherapeutic studies

Leishmania mexicana mexicana, illus.
Peters, W., 1974, Ciba Found. Symp., n.s. (20), 309-334

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Leishmania mexicana pifanoi Medina & Romero
1959 emend. Lainson & Shaw, 1972
as syn. of Leishmania mexicana

Leishmania mexicana texana
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Leishmania nilotica Brumpt, 1913
as syn. of Leishmania tropica (Wright, 1903)
Luehe, 1906

Leishmania peruana Velez, 1913 emend. Garnham, 1971
as syn. of Leishmania braziliensis

Leishmania peruviana Velez, 1913
as syn. of Leishmania braziliensis

Leishmania peruviana
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania peruviana
leishmaniasis in Latin America, epidemiology, ecology, and taxonomy, review

as syn. of Leishmania mexicana

Leishmania sofieffi Markov, Lukin & Markova, 1964
Leishmania tarentolae
Leishmania spp. promastigotes, analysis of lipids

Leishmania tarentolae
Chang, K. P.; et al., 1978, J. Protozool., v. 25 (1), 145-149
methylglyoxal bis(guanylhydrazone) (MGBG), little in vitro effect on Blastocritidia culicis, Crithidia oncopelti, and Leishmania spp. but complete inhibition of growth of Trypanosoma brucei, reduced parasitemia of T. brucei and T. congolense in rats but infections relapsed, tracer studies with T. brucei showed that MGBG interfered with nucleoside incorporation

Leishmania tarentolae
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Leishmania tarentolae Wenyon, 1920 nec Wenyon, 1921 emend. Nicoll, 1963

Leishmania tarentolae
Goncalves de Lima, V. M. Q.; Roitman, I.; and Kilgour, V., 1979, J. Protozool., v. 26 (4), 648-652
trypanosomatids, 7 species distinguished by electrophoretic mobilities of some isoenzymes

Leishmania tarentolae
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Leishmania tarentolae
Leishmania spp., evidence for functional glycolate cycle

Leishmania tarentolae
hemoflagellate protozoa, method for isolation of maxicircle component of kinetoplast DNA

Leishmania tarentolae
Leishmania tarentolae, 2 major kinetoplast RNA species, isolation, physical properties, labeling characteristics, and transcriptional origin

Leishmania tarentolae
Trager, W., 1974, Ciba Found. Symp., n.s. (20), 225-254
trypanosomes, leishmanias, nutrition and biosynthetic capabilities, problems of in vitro cultivation and differentiation, review

Leishmania tropica
Leishmania spp. cultivation in simple diphasic medium which contained no whole blood

Leishmania tropica
Leishmania spp., characterization by isoenzyme electrophoresis, comparison of stocks from Kuwait with stocks from other parts of Old and New Worlds

Leishmania tropica
leishmaniasis, human, muco-cutaneous form in Old World, probably results from direct extension from skin lesions rather than from metastatic spread of organisms, 4 case reports: Ethiopia

Leishmania tropica
Leishmania spp. promastigotes, analysis of lipids

Leishmania tropica
Belova, E. N., 1971, Parazitologiia, Leninograd, v. 5 (5), 466-469
[Actinomadura madang] [Blastocrithidia madang] [Cromobacterium madang] [E. lineolata] [E. lineolata] (all exper.)

Leishmania tropica
Leishmania tropica, newly isolated West African strain in several mouse strains, general course of infection, dose-response relationships, histopathology, specificity of lesions and evidence for dissemination of infection

Leishmania tropica
Leishmania tropica, white mouse model, experimental therapy using sodium stibogluconate, amphotericin B, metronidazole and WR 6026

Leishmania tropica
Bray, R. S., 1974, Ciba Found. Symp., n.s. (20), 87-105
leishmaniasis, epidemiology, review with emphasis on zoonotic cutaneous leishmaniasis of Ethiopia

Leishmania tropica
Leishmania spp., variation in electrophoretic mobility of the enzyme phosphoglucomutase in the parasite and its application to the differentiation of leishmanial strains

Leishmania tropica
vector-borne diseases including malaria and cutaneous leishmaniasis, control of insect vectors, review
Leishmania tropica
Buettiker, W.; and Lewis, D. J., 1979, Tropenmed. u. Parasitol., v. 30 (2), 220-229
Leishmania tropica, ecological studies of human dermal leishmaniasis epidemic, correlated with survey for possible Phlebotomus vectors and reservoir hosts: Hofuf, Eastern Saudi Arabia

Leishmania tropica
Leishmania tropica, human chronic form, levamisole, good therapeutic response in clinical trials: Saudi Arabia

Leishmania tropica
chronic parasitic infections in mice, IgG1 hypergamaglobulinaemia, daily rate and location of production of IgG1, T cell dependence of response

Leishmania tropica, illus.
Coutinho, P.; and Coelho, J. M., 1979, J. Parasitol., v. 64 (3), 546-547
Leishmania braziliensis, L. mexicana, L. tropica, experimental infections in laboratory animals, comparative pathology, characteristics for differential diagnosis

Leishmania tropica Wright, 1903, illus.
visceral and cutaneous leishmaniasis, animals, epidemiology, extensive review: Algerie, Maroc, et Tunisie

Leishmania tropica
Leishmania tropica, human, vectors, reservoir hosts, prophylactic measures, review of current status in Israel

Leishmania tropica
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Leishmania tropica (Wright, 1903) Luehe, 1906
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Leishmania tropica
Handman, E.; and Burgess, A. W., 1979, J. Immunol., v. 122 (3), 1134-1137
Leishmania tropica, uptake and killing by macrophages, stimulation by granulocyte-macrophage colony-stimulating factor

Leishmania tropica
Leishmania tropica, susceptibility in intact and nude mice of various genotypes and at level of macrophage in vitro, possible nature of immunological defect responsible for persistent disease in susceptible mouse strains

Leishmania tropica
Leishmania enriettii in vitro grows well in guinea pig macrophages but fails to grow in mouse macrophages; medium containing excretory factors from L. enriettii culture (conditioned medium) promotes infection in mouse macrophages but similar medium from L. tropica does not; immune precipitation of medium by anti-Leishmania serum cancels infection-promoting effect; L. tropica infection of guinea pig macrophages enhanced by homologous medium

Leishmania tropica
Handman, E.; and Spira, D. T., 1977, Ztschr. Parasitenk., v. 53 (1), 75-81
Leishmania tropica system of prolonged culture of amastigotes in mouse macrophages, dynamics of division rate and macrophage infection; macrophages from immune mice inferior for culture

Leishmania tropica, illus.
human cutaneous leishmaniasis, case reports, clinical observations, diagnosis, therapy

Leishmania tropica
Leishmania donovani, human, screening of sera for kala-azar using Crithidia sp. as antigen in indirect fluorescent antibody test, some positive reactions with L. tropica, cross-reactions at low titer with Chagas' disease and African trypanosomiasis

Leishmania tropica
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Leishmania tropica
Kecmanovic, M.; et al., 1978, Srpski Arhiv Tsetol. Lekar., v. 106 (4), 421-428
cutaneous leishmaniasis with multilocular lesions, 2 men, case reports, had travelled and worked in Kuwait and Libya, clinical review, therapy: Yugoslavia

Leishmania tropica
Crithidia fasciculata, Leishmania spp., adenosine monohydrolase, occurrence and possible significance

Leishmania tropica
Leishmania tropica promastigotes, purine nucleotide metabolism, inhibitory effect of allopurinol and analogues of purine nucleosides, possible mode of action of growth inhibition by allopurinol

Leishmania tropica
Koenigk, B.; and Abdel Rasoul, S., 1978, Tropenmed. u. Parasitol., v. 29 (3), 319-322
Leishmania tropica, promastigotes, sequence of adenosine 5' monophosphate catabolizing reactions; adenosine deaminase partially purified and characterized
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titol., v. 73 (1), 31-35
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tropica, cross-reactivity of Leishmania donovani antigen with antisera of other
parasitic infections studied
Leishmania tropica
Law, S. S.; and Mukkada, A. J., 1979, J. Proto
toool., v. 26 (2), 295-301
Leishmania tropica, transport of L-proline
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Leishmania tropica
Louis, J.; et al., 1979, European J. Immunol.,
v. 9 (11), 841-847
Leishmania tropica, mice, induction of
specific T lymphocyte-dependent proliferative
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Malik, G. Q.; Khatoon, N.; and Khan, M. A.,
Leishmania tropica, statistics of epidemi-
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Mannweiler, E.; Lederer, I.; and zum Felde, I.,
Reihe A, v. 240 (3), 397-402
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Leishmania tropica
Marsden, P. D., 1979, N. England J.
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Leishmania tropica
Martin, E.; and Mukkada, A. J., 1979, J. Biol.
Chem., v. 254 (23), 12192-12198
Leishmania tropica promastigotes, identifica-
tion of terminal respiratory chain in kineto-
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Leishmania tropica
Martin, E.; and Mukkada, A. J., 1979, J. Proto-
toool., v. 26 (1), 138-142
Leishmania tropica promastigotes, crude prepa-
ration of kinetoplast vesicles used to in-
vestigate respiratory chain components, evi-
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respiratory chain
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u. Parasitol., v. 29 (2), 194-197
Leishmania tropica, humans with recent pri-
mary exposure, fluorescent antibody test de-
tected antibodies to L. donovani in 19 of 41
individuals, complement fixation and indirect
hemagglutination tests were not useful for
diagnosis
Leishmania tropica
Morales, N. M.; and Roberts, J. F., 1978,
Comp. Biochem. and Physiol., v. 59B (1), 1-4
Crithidia fasciculata, Leishmania tropica,
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Leishmania tropica
Raether, W.; and Seidenath, H., 1977, Ztschr.
Parasitenk., v. 53 (1), 41-46
Leishmanias, anti-folic reductase drugs compared
with paromomycin and sodium stibogluconate
Leishmania tropica
Rodiannikova, T. N., 1973, Parazitologija,
Leningrad, v. 7 (3), 255-260
Leishmania tropica, [Rhombomys opimus], pre-
valence of infection and clinical features
undergo significant seasonal and annual
changes and therefore cannot be used as cri-
teria for typification of natural nidi of
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Leishmania tropica
Rondanelli, E. G.; et al., 1976, Recenti Prog.
Med., v. 61 (2), 137-162
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characters of ultrastructural organization of
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tion and pathogenicity; promastigote and
domastigote phases discussed
Leishmania tropica
Rook, G. A. W.; and Stanford, J. L., 1979,
Parasite Immunol., v. 1 (2), 111-123
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mycobacteria in mice, relevance of each
type to protection, susceptibility, and
immunopathology in leprosy, tuberculosis,
leishmaniasis, and listeriosis
Leishmania tropica
Sharma, M. K.; Anaraki, F.; and Ala, F., 1978,
Clin. and Exper. Immunol., v. 32 (3), 477-483
Leishmania tropica, in vitro suppression of
lymphocyte blastogenic response to mitogen
and antigen
Leishmania tropica
Simon, M. W.; Martin, E.; and Mukkada, A. J.,
1978, J. Bacteriol., v. 135 (3), 895-899
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Leishmania tropica
as syn. of Leishmania braziliensis

Leishmania tropica var. canina Yakimoff & Scho-khor, 1914
as syn. of Leishmania tropica (Wright, 1903)

Leishmania tropica guyanensis Floch, 1954
as syn. of Leishmania braziliensis

Leishmania tropica major
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Leishmania mexicana, L. tropica major, lesion growth in mice was markedly inhibited by concurrent Trypanosoma brucei infections, possible mechanism, may or may not have immunological basis

Leishmania tropica major
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Leishmania tropica major
Leishmania spp., comparison of rate of parasite uptake by mouse peritoneal macrophages

Leishmania tropica major
Leishmania-macrophage interaction in vitro, effect of cytochalasin B, concluded that infection was by phagocytosis rather than active penetration, cells from outbred mouse strain susceptible to L. tropica phagocytosed this species less efficiently than L. enriettii or L. donovani

Leishmania tropica major
Bachrach, U.; et al., 1978, Exper. Parasitol., v. 48 (3), 457-463
Leishmania spp., cellular levels and synthesis of polyamines during growth cycle, polyamines characteristics might serve as further criterion for strain identification and classification
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Bachrach, U.; et al., 1979, Exper. Parasitol., v. 48 (3), 464-470
Leishmania spp., effect of ethidium, pentamidine, and methylglyoxal-bis (guanlyhydrzone) on growth and on polyamine, RNA, and DNA synthesis

Leishmania tropica major
Behin, R.; Mauel, J.; and Sordat, B., 1979, Exper. Parasitol., v. 48 (1), 81-91
Leishmania tropica major in various strains of mice, course of infection and size distributions of cutaneous lesions, in vitro macrophage function

Leishmania tropica major
Bienzle, U.; Ebert, F.; and Dietrich, W., 1978, Tropenmed. u. Parasitol., v. 29 (2), 188-193
Leishmania tropica major, outbreak of cutaneous leishmaniasis in non-immune population living in endemic area, clinical features, incubation period and seasonal incidence, immunity and re-infection, treatment: German employees living in Al-Hofuf, eastern Saudi Arabia

Leishmania tropica major
Dobrzanskaia, R. S., 1978, Vestnik Dermat. i Venerol. (5), 80-84
Leishmania tropica minor and L. t. major, production of large quantities of hyperimmune sera by inoculating rabbits

Leishmania tropica major
Faizulin, F. G.; and Kon’shina, L. N., 1972, Parazitologiia, Leningrad, v. 6 (2), 180-184
Leishmania tropica major, existence of natural nidi of zoonotic cutaneous leishmaniasis in Rhombomys opimus, seasonal dynamics, clinical manifestations, distribution: Karakalpak ASSR

Leishmania tropica major
Yakimoff, B. G.; and Sch-khor, 194 nec Yakimoff, 1915
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Leishmania tropica major
Iusupov, K. A.; and Shchetkin, V. Iu., 1971, Parazitologiia, Leningrad, v. 5 (3), 209-211
Leishmania tropica major, optimum procedure for lyophilization of cultures

Leishmania tropica major
Matossian-Rogers, A., 1979, Clin. and Exper. Immunol., v. 36 (1), 38-45
Leishmania enrietti, L. tropica major, guinea pigs, macrophage spreading test in vitro, correlation with delayed hypersensitivity in vivo

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Nasserli, M.; and Modabber, F. Z., 1979, Infect. and Exper. Immunol., v. 26 (2), 611-614
Leishmania tropica major in BALB/c mice, generalized infection and lack of delayed hypersensitivity, comparison with other mouse strains which exhibit localized and self-healing infection with this organism

Leishmania tropica major
Nasyrov, F. Sh.; and Iusupov, K. A., 1974, Parazitologiia, Leningrad, v. 8 (1), 77-81
Leishmania tropica major, 13 strains isolated from humans, virulence for white mice, pathogenicity factors (hyaluronidase, fibrinolysin, plasmocogulase, Duran-Reynals factor, dermonecrototoxic properties): Termez

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Nl, G. V., 1973, Parazitologiia, Leningrad, v. 7 (1), 75-78
leptomonads, differentiation of pathogenic (Leishmania tropica major) from non-pathogenic strains by their reaction to increased incubation temperatures in vitro

Leishmania tropica major
Perez, H.; Arredondo, B.; and Machado, R., 1979, Exper. Parasitol., v. 48 (1), 9-14
Leishmania mexicana, L. tropica major, cross immunity in mice, evidence of shared antigenic determinants which are involved in cell-mediated immune responses

Leishmania tropica major
Pershin, E. Ia.; et al., 1974, Parazitologiia, Leningrad, v. 7 (1), 75-78
Leishmania tropica major, results indicate S. clydei caught in gerbil colonies, non-virulent for white mice, antigenically identical with Leishmania tropica major, experimental cutaneous leishmaniasis resembling moist form caused by Leishmania tropica major from non-pathogenic strains by their reaction to increased incubation temperatures in vitro

Leishmania tropica major
flagellates isolated from Sergentomyia clydei caught in gerbil colonies, non-virulent for white mice, antigenically identical with Leishmania tropica major, results indicate S. clydei may participate in epizootiology of zoonotic cutaneous leishmaniasis: south-western Turkmenia

Leishmania tropica major
Ponirovskii, E. N., 1975, Parazitologiia, Leningrad, v. 9 (2), 139-141
Leishmania, comparison of 3 methods of identification of strains

Leishmania tropica major
Leishmania tropica major, experimental cutaneous leishmaniasis, anergy and allergy in cellular immune response during non-healing infection in different strains of mice
Leishmania tropica major
Serebriakov, V. A.; et al., 1973, Parazitologiya, Leningrad, v. 7 (5), 385-388
Leishmania tropica major, evaluation of criteria for determining strain virulence in vitro, ability to form fibrinolytic enzyme is only reliable indicator

Leishmania tropica major
Streikova, M. V., 1974, Parazitologiya, Leningrad, v. 8 (2), 126-132
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Leishmania tropica mexicana n. subsp.
Siagi F., F., 1953, Medicina, Mexico (683), an. 34, v. 33, 401-406
human, review of clinical aspects peculiar to this subspecies
[no host]: zona de Selva Tropical Siempre Verde del Estado de Campeche, Mexico

Leishmania tropica mexicana Biagi, 1953
as syn. of Leishmania mexicana

Leishmania tropica minor
Leishmania spp., cultivation in simple diphasic medium which contained no whole blood

Leishmania tropica minor
Leishmania spp., characterization by isoenzyme electrophoresis, comparison of stocks from Kuwait with stocks from other parts of Old and New Worlds

Leishmania tropica minor
Dobrzhanskaia, R. S., 1978, Vestnik Dermat. i Venerol. (5), 80-84
Leishmania tropica minor and L. t. major, production of large quantities of hyperimmune sera by inoculating rabbits

Leishmania tropica var. minor Yakimoff & Schokhov, 1914 nec Yakimoff, 1915
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Leishmania tropica minor, illus.
students, 3 case reports: Bistrita-Nasaud, had travelled to Bouton de Biskra, Algeria

Leishmania tropica minor
Schmir, L. P.; et al., 1979, FEBS Letters, v. 106 (1), 202-206
Leishmania tropica minor, L. aestiopica, polyamine synthesis and levels during growth and replication

Leishmania tropica tropica = L. t. minor (Wright, 1903) Luehe, 1906 emend. Nicoli, 1963
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Leishmania tropica urbis = L. t. minor Nicoli, 1963
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

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chronic cutaneous leishmaniasis, soldier with severe ulcers that did not heal despite 8 years of therapy with various anti-leishmanial drugs, chronicity thought to be result of immuno-deficiency, ulcers finally cured after additional therapy with monomycine: Iran (had travelled to Khouzistan)

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Ghosn, S., 1979, Current Med. Research and
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leishmaniasis, human, acute necrosing skin lesions, surgical removal at node stage gives better results than surgical treatment of ulcer stage

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muco-cutaneous leishmaniasis, human, greater sensitivity to skin test using crude extract of Leishmania braziliensis than to promastigote suspension used as antigen

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Riou, J. A.; et al., 1979, Ann. Parasitol., v. 84 (4), 401-407
canine visceral leishmaniasis, successful experimental transmission by bite of Phlebotomus ariasi

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American (mucocutaneous) leishmaniasis, human (eye), interstitial keratitis, case report, differential diagnosis, amphotericin B: Brazil
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3 types of delayed skin-test response to mycobacteria in mice, relevance of each type to protection, susceptibility, and immunopathology in leprosy, tuberculosis, leishmaniasis, and listeriosis

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visceral leishmaniasis, children, epidemiology, incidence from 1964-1972 in Catania, Sicily

Leishmaniasis
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Leishmaniasis
Stingi, P., 1978, Therapiewoche, v. 28 (23), 4586-4594
visceral leishmaniasis preceded by skin lesion, child, case report: Sicily

Leishmaniasis
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Leptomonas collosoma
leptomonad cultures obtained from reptiles did not produce infection when injected into warm-blooded laboratory animals

Leptomonads, unidentified
[Gymnodactylus caspius]
[Agama sanguinolenta]
[Eremias intermedia]
[P. velox]
[Phrynocephalus helioscopus]
[P. interscapularis]
(all exper.)

Leptomonads
Ni, G. V., 1973, Parazitologiia, Leningrad, v. 7 (1), 75-78
leptomonads, differentiation of pathogenic (Leishmania tropica major) from non-pathogenic strains by their reaction to increased incubation temperatures in vitro

Leptomonas sp.
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Leptomonas sp.
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Leptomonas collosoma
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Trypanosoma, Leishmania, and Leptomonas spp., enzymes of ornithine-arginine metabolism, existence of genus-specific enzyme patterns which may serve as biochemical markers in classification of Trypanosomatidae

Leptomonas collosoma
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1120-1121
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Leptomonas collosoma
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Leptomonas collosoma
trypanosomatid protozoa, 16 spp., survey for acetylcornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Leptomonas collosoma, illus.
Leptomonas collosoma, novel model for fluid secretion by trypanosomatid contractile vacuole apparatus

Leptomonas collosoma
trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use

Leptomonas costoris
6 insect trypanosomatids, attempted adaptation to mice, alteration of component elements of excreted factors (EF) produced by the 3 adapted species, EF components of Leishmania donovani isolates differ with varying infectivity for hamsters

Leptomonas costoris
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Leptomonas donovani
(Laveran & Mesnil, 1903)
Ross, 1903

Mesnil, 1909
as syn. of Leishmania donovani (Laveran & Mesnil, 1903)
Leptomonas pessoai
Barbosa, W.; et al., 1973, Rev. Patol. Trop., v. 2 (4), 377-386
human visceral leishmaniasis, diagnosis by counterimmunofluorescence, antigens of Leishmanio donovani, i. brasiensis and Leptomonas pessoai compared

Leptomonas pessoai
Correia, M. de A.; and Barbosa, W., 1974, Rev. Patol. Trop., v. 3 (2), 171-189
sera from humans infected with visceral or tegumentary leishmaniasis studied by electrophoresis using heterologous and homologous antigens; homologous antigens were more specific and detected higher titers, false positive reactions occurred only with Leishmania donovani

Leptomonas pessoai Galvao et al. 1970
Levine, N. D., 1978, J. Parasitol., v. 64 (4), 668
as syn. of Herpetomonas pessoai (Galvao, Oliveira, Carvalho, and Veiga 1970) Roitman, Brener, Roitman, and Kitajima 1976 [i.e., n. comb.]

Leptomonas pessoai antigens and sera of patients infected with Trypanosoma cruzi gave frequent positive reactions with the passive hemagglutination, complement fixation and indirect immunofluorescence tests, possible implications for prophylactic vaccine for Chagas disease

Leptomonas pessoai
Leptomonas pessoai unable to infect immunosuppressed mice, L. pessoai of possible use in immunization against Trypanosoma cruzi

Leptomonas pessoai
de Souza, M. do C. M., 1974, Rev. Patol. Trop., v. 16 (1), 291-332
Leptomonas pessoai, antigenic relationships with other trypanosomatids, cross-protection of mice against Trypanosoma cruzi

Leptomonas pessoai
de Souza, M. do C. M.; and Barbosa, W., 1972, Rev. Patol. Trop., v. 1 (4), 415-419
antigens of Crithidia fasciculata, Trypanosoma cruzi and Leishmania brasiliensis showed cross-reactions, precipitating bands with the antigen of Leptomonas pessoai as demonstrated by the agar gel diffusion technique

Leptomonas samueli n. sp., illus.
Carvalho, A. L. de M., 1975, Rev. Patol. Trop., v. 2 (2), 223-274
Zelus leucogrammus (tubo digestivo): Brasil

Leptomonas samueli
Camargo, E. P.; et al., 1978, Exper. Parasitol., v. 46 (2), 141-144
Trypanosoma, Leishmania, and Leptomonas spp., enzymes of ornithine-arginine metabolism - existence of genus-specific enzyme patterns - which may serve as biochemical markers in classification of Trypanosomatidae

Leptomonas samueli
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Leptomonas samueli
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetytransferase, metabolic and nutritional implications

Leptomonas samueli
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Leptomonas samueli, illus.
Souza, W., 1979, J. Protozool., v. 26 (4), 1120-1121
trypanosomatids, various developmental stages, basic proteins, localization at fine-structural level with ethanolic phosphotungstic acid technique

Leptomonas seymouri
Camargo, E. P.; et al., 1978, Exper. Parasitol., v. 46 (2), 277-282
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Leptomonas seymouri
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Leptomonas seymouri
Trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetytransferase, metabolic and nutritional implications

Leptomonas seymouri
Goncalves de Lima, V. M. Q.; Roitman, I.; and Kilgour, V., 1979, J. Protozool., v. 26 (4), 648-652
trypanosomatids, 7 species distinguished by electrophoretic mobilities of some isoenzymes

Leptomonas seymouri
trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use
PROTOZOA

Leptotheca hepseti Thelochan, 1895

invasion extensity and intensity in relation to host age
Atherina hepsetus (gall bladder): Black Sea (region of Karadag)

Leptotheca krogiusi
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

Leptotheca krogiusi
Makhovenko, E. T., 1972, Parazitologiia, 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

Leucocytozoon (or Akiba) [sp.]

Corthyris corone
C. frugilegus
C. monedula
Fringilla coelebs
Garrulus glandarius
Muscius capra striata
Parus caeruleus
Stururus vulgaris
Turdus merula
Strix aluco
Gallinula chloropus
Columba palumbus
Lagopus scoticus
all from Britain

Leucocytozoon [sp.]
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442

hematozoa of passeriforms, prevalence, effect of climate, application of insecticide, and large-scale environmental alteration
Cyanocitta cristata
Coccoecus erythropthalmus
Carpodacus purpureus
Hesperiphona vespertina
Junco hyemalis
Melospiza georgiana
M. melodia
Passerellus sandwichensis
Pheucticus ludovicianus
Poecetes gramineus
Spinus tristis
Spizella passerina
Zonotrichia albicollis
Agelaius phoeniceus
Molothrus ater
Quiscalus quiscula
Parus atricapillus
P. hudsonicus
Dendroica coronata
D. fusca
D. magnolia
D. palmarum
D. pensylvanica
D. petechia
D. striata
D. tigrina
Geothlypis trichas
Mniotilta varia

Leucocytozoon [sp.].-- Continued.
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442.-- Continued.

Opornis philadelphia
Selurus auropalliatus
S. novaboracensis
Setophaga ruticilla
Vermivora peregrina
V. ruficapilla
Wilsonia canadensis
W. pusilla
warblers, unknown
Colaptes auratus
Catharus guttatus
C. ustulatus
Turdus migratorius
Empidonax trisili
E. sp.
Nuttallornis borealis
Vireo olivaceous
sparrows, unidentified
Piranga olivacea
Catharus fuscascens
Hylocichla mustelina
Empidonax minimus
Melospiza lincolini
all from New Brunswick

Leucocytozoon sp.

Ploceus aurantius
P. nigerrimus
P. nigricolor
P. weynsi
Quelea erythropus
(blood of all): all from Uganda

Leucocytozoon sp. Gluschenko, 1963

Phylloscopus trochilus
Sylvia borin
S. curruca
(blood of all): all from central course of Ural river, Priural region, Ural oblast

Leucocytozoon [sp.]

Strix varia
Bubo virginianus
Otus asio
Buteo jamaicansis
B. regalis
Falco sparverius
Buteo lineatus
Accipiter cooperii
Buteo lagopus
all from Oklahoma

Leucocytozoon n. sp., illus.

leucocytozoonosis, W[hte] L[eg] H[orn] birds, quinine bisulphate and resotren failed to ensure absolute recovery, though general condition of treated birds improved
Leucocytozoon [sp.]
Williams, N. A.; and Bennett, G. F., 1978, Canad. J. Zool., v. 55 (5), 761-770
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon anatis Tartakovsky, 1913
Pelrice, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359

Leucocytozoon apiaster Zeinev, 1975
Pelrice, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359

Leucocytozoon ardea

Butorides striatus (blood): Uganda

Leucocytozoon audieri Laveran and Nattan-Larrier 1911
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon bacelari Tendeiro 1947
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon beaurepairei Travassos Santos Dias 1954
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon brimonti
Pycnonotus virens (blood): Uganda

Leucocytozoon brimonti
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Pycnonotus barbatus: Ghana

Leucocytozoon bubonis Fantham, 1926
Accipiter nisus (blood): central course of Ural river, Priural region, Ural oblast

Leucocytozoon caulleryi
Leucocytozoon caulleryi, chickens, auto-cold hemagglutinin in plasma

Leucocytozoon caulleryi, illus.
Leucocytozoon caulleryi, chickens, immunoserological diagnosis, application in surveys and screening tests of prophylactic drugs, review

Leucocytozoon (= Akiba) caulleryi
Leucocytozoon caulleryi, White Leghorn cockerels, superior prophylactic value of sulfamonomethoxine + pyrimethamine administered in feed under field conditions, no detrimental effects on growth rate or blood picture
Leucocytozoon (Akiba) caulleryi
Leucocytozoon caulleryi, chickens under natural conditions, clopidol, halofuginone and furazolidone given in feed, clopidol 100% effective, no detrimental effects by any drug on host growth or red and white blood cell count

Leucocytozoon caulleryi
Leucocytozoon caulleryi, chickens under field conditions, efficacy of halofuginone and furazolidone alone and in combination, given with feed, furazolidone at high dosage showed some adverse host growth effects, neither drug showed adverse effect on blood picture

Leucocytozoon caulleryi (Akiba caulleryi)
Leucocytozoon caulleryi, chickens (exper.), sulfamonomethoxine and halofuginone in feed prevented infection

Leucocytozoon cercaeti Sergent and Fabiani 1922
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon dubreuili
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442
hematozoa of passeriforms, prevalence, effect of climate, application of insecticide, and large-scale environmental alteration
Bombbycilla cedrorum
Dumetella carolinensis
all from New Brunswick

Leucocytozoon dubreuili Mathis et Leger, 1910
Turdus philomelos
Phoenicurus phoenicurus
(blood of all): all from central course of Ural river, Priural region, Ural oblast

Leucocytozoon dubreuili
Turdus merula: near Tring, Hertfordshire

Leucocytozoon dubreuili, illus.
Leucocytozoon dubreuili, development of secondary schizonts in renal tubule cells of Turdus migratorius and profound parasite-induced changes in these cells, electron microscopy

Leucocytozoon franchini Franca 1927
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon fringillinarum Woodcock, 1910
Fringilla coelebs
F. montifringilla
Coccothraustes coccothraustes
(blood of all): all from central course of Ural river, Priural region, Ural oblast

Leucocytozoon fringillinarum
Fringilla coelebs: near Tring, Hertfordshire

Leucocytozoon fringillinarum
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Lagonosticta rufopicta
Plöceus nigerimus
all from Ghana

Leucocytozoon hirundinis Sergent and Gent, 1905
Williams, N. A.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Progne subis: Maryland or New Jersey

Leucocytozoon majoris Laveran, 1902
Parus major (blood): central course of Ural river, Priural region, Ural oblast

Leucocytozoon majoris
Parus major
P. caeruleus
all from near Tring, Hertfordshire

Leucocytozoon marchouxi Mathis & Leger
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
Syn.: Leucocytozoon turtur orientalis Yukunin, 1972

Leucocytozoon marchouxi Mathis and Leger, 1910
Williams, N. A.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Zenaidura macroura: Maryland

Leucocytozoon martyi Commes 1918
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon mathisi Franca 1912
as syn. of Leucocytozoon toddi Sambon 1908

Leucocytozoon musajevi Zeiniev, 1975
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nonem nudum

Leucocytozoon neavei
Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Francolinus ahantensis: Ghana

Leucocytozoon simondi
Leucocytozoon simondi, Pekin ducklings, quantification of anemia, gametocytemia, and osmotic fragility of erythrocytes
Leucocytozoon simondi
Cnephaia ornithophilus, laboratory rearing and feeding, transmission of Leucocytozoon simondi to Anas platyrhynchos by bite and by intraperitoneal inoculation of triturated infected flies

Leucocytozoon simondi
Williams, N. A.; Calverley, B. K.; and Mahrt, J. L., 1977, J. Wildlife Dis., v. 13 (3), 226-229
Anas platyrhynchos
(blood of all): all from Central Alberta and Mackenzie Delta, Northwest Territories

Leucocytozoon smithi
Leucocytozoon smithi, turkeys, spring relapse occurred in infected turkeys confined away from attack by simulid vectors

Leucocytozoon smithi
Dick, J. W., 1978, Avian Dis., v. 22 (1), 82-85
Leucocytozoon smithi, turkey, persistence of gametocytes in peripheral blood for more than a year after a single short natural exposure: Marlboro and Sumter Counties, South Carolina

Leucocytozoon smithi (Laveran and Lucet 1905)
Greiner, E. C.; and Forrester, D. J., 1979, J. Parasitol., v. 65 (2), 324-326
Leucocytozoon smithi in Simulium slossonae (nat. and exper.): Florida

Leucocytozoon smithi
Henry, C. W.; and Dick, J. W., 1978, Avian Dis., v. 22 (3), 542-546
Leucocytozoon smithi, isolation of gametocytes from whole peripheral turkey blood, Ficoll density-gradient system

Leucocytozoon smithi, illus.
Huchzermeyer, F. W.; and Sutherland, B., 1978, Avian Path., v. 7 (4), 645-649
turkeys (blood): near Onderstepoort, South Africa

Leucocytozoon smithi
Leucocytozoon smithi, distribution of Simulium vectors: South Carolina

Leucocytozoon tawaki, illus.
Leucocytozoon tawaki, life cycle: schizogonic stages in Eudyptes pachyrhynchus described and parasitemia quantified; sporogonic stages in Austrosimulium unguilatum described; observations on transmission to penguin chicks: Jackson Head, south Westland Eudyptes minor (blood) (exper.)

Leucocytozoon tawaki, illus.
Desser, S. S.; and Allison, F. B., 1979, J. Parasitol., v. 65 (5), 737-744
Leucocytozoon tawaki in Austrosimulium unguilatum, ultrastructure of sporogonic development, nature and significance of crystalloid inclusions

Leucocytozoon toddi Sambon 1908, illus.
synonymy, redescription, variation
Accipiter badius: India
A. cooperi: United States
A. striatus: United States
A. tachiro: Tanzania
A. virgatus: Malaysia
Buteo brachyraptor: Malagasy Republic (Madagascar)
B. jamaicensis: United States
B. lagopus: United States
B. lineatus: United States
B. regalis: United States
Falco peregrinus: Malaysia

Leucocytozoon toddi Sambon
Greiner, E. C.; and Mundy, P. J., 1979, J. Parasitol., v. 65 (1), 147-153
hematozoa from southern African vultures, prevalence, host age class, seasonal variation
Torgos tracheliotus
Gyps africanus
all from Rhodesia [and/or] South Africa

Leucocytozoon toddi Sambon
Williams, N. A.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Buteo jamaicensis: Maryland

Leucocytozoon turtur orientalis Yakunin, 1972
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
as syn. of Leucocytozoon marchouxi Mathis & Leger

Leucocytozoon vulgaris Zeiniev, 1975
Peirce, M. A.; and Bennett, G. F., 1979, J. Protozool., v. 26 (3), 357-359
nomen nudum

Leucocytozoon ziemanni (Laveran, 1903)
Kocan, A. A.; and Kocan, K. M., [1979], J. Parasitol., v. 64 (6), 1057-1059
Leucocytozoon ziemanni, elongate gametocytes, fine structure
Bubo virginianus: Oklahoma

Leucocytozoon ziemanni (Laveran, 1908)
Williams, N. A.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Otus asio: Maryland
Lithocystis parquerae n. sp., illus.
Jones, I., 1971, Caribbean J. Sc., v. 11 (1-2), 47-50
[lapsus p. 47 as L. parquerae]
Siphonosoma cumanense (intestine): reefs in vicinity of La Parguera, Puerto Rico

Lithocystis parquerae [lapsus p. 47 for L. parquerae n. sp.]
Jones, I., 1971, Caribbean J. Sc., v. 11 (1-2), 47-50

Lomiella bergeri nova sp., illus.
Pheretima rodericensis (tube digestif): Madagascar

Longa subgen. n.
subgen. of Cepedea
type sp.: Cepedea (Longa) longa (Bezenberger, 1904) Metcalf, 1923

Longa
subgen. of Cepedea, key

Longa Amaro, 1966
subgen. of Cepedea, key to species

Lubetiella micheli de Puytorac, 1959, illus.
description
Dichogaster inermis (intestin): Madagascar; ile Maurice

Lucetina putorii (Railliet and Lucet, 1891)
Henry and Leblois, 1926
as syn. of Sarcocystis putorii (Railliet and Lucet, 1891) comb. nov.
Malaria
maternal deaths in the Kilimanjaro region, survey, includes information on amoebic colitis and malaria: Tanzania

Malaria
human parasitic diseases, trends in development of chemotherapy, review

Malaria

Malaria
technology for sterilizing and packaging male Anopheles albinus for field release in endemic malaria areas

Malaria
Barratt, T. M., 1979, Arch. Dis. Childhood, v. 54 (11), 825-830
malaria as therapy for nephrotic syndrome of childhood, immunological and other aspects, brief review

Malaria
day-time resting places of Anopheles stephensi, practical implications for malaria control: Salem (Tamil Nadu)

Malaria
fetal risk in maternal infections, includes information on toxoplasmosis, trichomoniasis, malaria

Malaria
malaria, humans, interview survey, factors influencing utilization of a prophylaxis program: Ghana

Malaria
granulopenia of infectious origins, humans, kala azar and malaria listed among causes

Malaria
malaria, gene for erythrocyte glucose-6-phosphate dehydrogenase deficiency in heterozygous females confers advantage against malaria: Nigeria

Malaria
Borba, A. M.; et al., 1978, Arq. Biol. e Tecn., v. 21 (1), 19-21
amount of blood ingested by Anopheles cruzii

Malaria
Bouwmsa, O. J.; Stewart, J. T.; and Capomacchia, A. C., 1978, J. Pharm. Sc., v. 67 (9), 1224-1228
α-dibutylaminomethyl-2,6-bis(p-trifluoromethylphenyl)-4-pyridinomethanol, potential antimalarial agent, characterization of pharmacologically important species derived by electronic absorption and fluorescence spectroscopy
Malaria  
Bozaci, E., 1976, Rev. Chir. (Oftalmologia), Bucharest, v. 20 (4), 241-246  
human malaria, toxoplasmosis, review of parasitic complications that may result in eye pathology

Malaria  
Brasitus, T. A., 1979, Am. J. Med., v. 67 (6), 1058-1065  
parasitic infections, association with malabsorption in man

Malaria  
Bryan, R. S., 1978, J. Parasitol., v. 64 (3), 410  
absence of circumsporozoite antibodies (to Plasmodium falciparum) in areas of hyperendemic malaria in The Gambia, appears that antibodies to sporozoites of human malaria parasites are not generated in nature

Malaria  
malaria, humans, analysis of chemoprophylactic habits and reasons for breakdowns in therapy, small mining town: Yekepa, Liberia

Malaria  
malaria prophylaxis, chloroquine diphosphate, recommended dosage for non-immune individuals

Malaria  
vector-borne diseases including malaria and cutaneous leishmaniasis, control of insect vectors, review

Malaria  
malaria, factors influencing outcome of infection, antigenic specificity of and protective immunity to asexual erythrocytic parasites, symposium presentation

Malaria  
Bruce-Chwatt, L. J., 1977, Therap. Gegenw., v. 116 (11), 2166-2181  
malaria, geographical background on eradication

Malaria  
distribution of member species of the Anopheles gambiae complex in The Gambia, West Africa

Malaria  
Bryan, J. H.; Chalkley, J.; and Di Deco, M., 1976, Parassitologia, v. 18 (1-3), 103-107  
Anopheles stephensi, linkage study on dieldrin resistance and inversion on second chromosome

Malaria  
ABO blood groups can be used as reliable markers for hosts of mosquito meals to determine mosquito biting rates, laboratory and field studies, potential application to measurement of malaria inoculation rates

Malaria  
Buck, A. A.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (2), 157-144  
human poly-parasitism, types of combinations, relative frequency, and associations of multiple infections, age and sex patterns: Chad; Peru; Zaïre

Malaria  
current problems in control of mosquitoes, review

Malaria  
Trypanosoma rhodesiense, human, specific treatment with suramin and mel B, adjuvant antimalarial treatment with chloroquine and proguanil; modifications of sleeping sickness therapy advocated on physio-pathological and epidemiological grounds: Luangwa Valley, Zambia

Malaria  
Carnevale, P.; et al., 1978, Bull. World Health Organ., v. 56 (1), 147-154  
Anopheles gambiae, aggressiveness in relation to age and sex of human subjects, implications for malaria epidemiology

Malaria  
mosquito collections during malaria transmission season, density measurements of Anopheles culicifacies: Pattukottai, Thanjavur district, Tamil Nadu, India

Malaria  
human malaria, differential diagnosis of infection with emphasis on cases found in non-endemic areas

Malaria  
Chaudhry, V. P.; et al., 1978, Trop. and Geogr. Med., v. 30 (3), 351-355  
malaria, chloroquine-induced haemolysis and acute renal failure in children with glucose-6-phosphate dehydrogenase deficiency

Malaria  
malaria, eradication of infection in conjunction with building the Panama Canal, historical review

Malaria  
malaria, mechanisms of acquired immunity to erythrocytic stage, symposium presentation

Malaria  
immunity to malaria with emphasis on vaccination, review lecture

Malaria  
malaria, prospects for immunization, review
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Malaria
WIO looks at Bacillus thuringiensis for vector control, news report

Malaria
Chromosomal differentiation and adaptation to human environments in the Anopheles gambiae complex: Nigeria

Malaria
malaria surveillance in Israel, symposium presentation

Malaria
Courtois, F.; et al., 1976, Rev. Franc. Transfus. et Immuno-Hematol., v. 19 (2), 357-361
human malarias, survey of potential blood donors for specific malarial antibodies, immunofluorescence test, suggested blood donor control measures to prevent disease transmission

Malaria
Toxoplasma gondii, trypanosomiasis, malaria, leishmaniasis, parasitic pathology of foetus, review

Malaria
malaria, filariasis, vector control, genetic sex separation in Anopheles arabiensis and production of sterile hybrids

Malaria
evaluation of the use of corticosteroids in infectious and parasitic diseases, generally contraindicated in parasitic diseases such as toxoplasmosis, malaria, amoebiasis, pneumocystosis

Malaria
malaria, control, measures applicable to different epidemiologic situations: the Americas

Malaria
malaria, experimental approaches to study of acquired immunity, review

Malaria
behavioral aspects of control of parasitic diseases, review

Malaria
malaria, epidemiological model applied to transmission, includes both human and entomological factors

Malaria
Elias, M., 1978, Bangladesh J. Zool., v. 6 (2), 153-155
susceptibility of malaria vector Anopheles philippinensis to insecticides: Bangladesh

Malaria
statistics of malarial survey in children attending an under-five hospital clinic with symptom of elevated temperature, 37% of 138 children had blood film positive for malarial parasites: West Nigeria

Malaria
tropical splenomegaly syndrome, T- and B-lymphocyte subpopulations in patients

Malaria
Fontaine, R. E.; et al., 1978, Bull. World Health Organ., v. 56 (3), 445-452
malaria, evaluation of fenitrothion for mosquito control: near Kisumu, Kenya

Malaria
human malaria, review and evaluation of current disease control measures, possible new measures

Malaria

Malaria
co-trimoxazole for treatment of serious infections, review including information on Pneumocystis carinii, malaria, and toxoplasmosis

Malaria
human malarias, systematic screening of all potential blood donors recommended using the indirect immunofluorescence test and Plasmodium berghei antigen

Malaria
historical review of antimalarial campaign in Palestine and Israel, symposium presentation
Malaria
summing-up of symposium on immunology and immunopathology of malaria

Malaria
malaria, speculation on use of adoptive immunity in vaccination, some experiments with Plasmodium berghei in hamsters, symposium presentation

Malaria
malaria, febrile children, problems associated with administration of injectable quinine compounds over oral chloroquine preparations: tropical Africa

Malaria
human amoebiasis and malaria, increasing incidence in non-endemic areas, epidemiologic review

Malaria
deterministic simulation model for mosquito populations including subroutine which determines number of malaria-infective females in mosquito population each day, useful as index of vector potential

Malaria
malaria, British travellers to endemic areas, suggested control measures

Malaria
human malaria, technique for preparation of blood smears for parasite identification if patients are suspected of having Lassa fever or other highly infectious virus

Malaria
malaria, human, recommendations for prophylaxis, treatment, and notification of infections to regulatory authorities: South Africa

Malaria

Malaria
malaria, humans, pocket of controlled infection in a holoendemic region, evaluation of local malaria programme by malariometric study: Yekepa, Liberia

Malaria
Anopheles gambiae and A. arabiensis, factors affecting malaria transmission, relative vectorial capacities: Kisumu area, Kenya

Malaria
Anopheles litoralis, A. sundaicus, distribution and co-existence, successful experimental hybridization: Sabah, Malaysia

Malaria
Houba, V., 1979, Kidney Internat., v. 16 (1), 3-8
malaria, man and exper. animals, studies show that immune complexes play important role in pathogenesis of nephropathies associated with parasite infections, general review

Malaria
measurement of levels of immunoglobulin M and determination of relationships to levels of malarial antibodies in normal subjects living in a holoendemic malarial region: Nigeria

Malaria
parasitic infestations in women using different types of contraceptive devices compared with women using no devices and with males, results correlated with haemoglobin levels of all groups, only malaria of anaemia-inducing infections occurred with significant variation, course of infections may be enhanced by presence of contraceptives

Malaria
Anopheles minimus (malaria vector), responses to DDT residual spraying in cleared forested foothill area, appeared to reduce estimated vectorial capacities but effect was not maintained and malaria transmission was not interrupted: central Thailand

Malaria
malaria, speculation on use of adoptive immunity in vaccination, some experiments with Plasmodium berghei in hamsters, symposium presentation
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Malaria
Plasmodium, experimental animals for human malaria and research needs, review

Malaria
Improved detection of immune complexes in human and mouse serum using microassay adaptation of Clq binding test, patient serum included some with malaria

Malaria
Kang, S. Y., 1972, Taehan Uihak Hyophoe Chi (J. Korean Med. Ass.), v. 15 (6), 470-474
Pulmonary parasitic diseases, human

Malaria
Chloroquine enhances Epstein-Barr virus expression and may thus play important part in development of African Burkitt's lymphoma

Malaria
Antibody levels against several parasitic infections in Cercopithecus aethiops pygerythus: South Africa

Malaria
Culex pipiens fatigans, residual effective-ness of insecticidal deposits on various wall surfaces

Malaria
Kouznetsov, R. L., 1979, WHO Chron., v. 33 (1), 9-11
Place of chemotherapy in antimalaria programs, review

Malaria
Kouznetsov, R., 1979, Bull. World Health Organ., v. 57 (4), 535-539
Malaria, chemotherapy and chemoprophylaxis, approaches to drug delivery, review: tropical Africa

Malaria
Malaria, humans, settlement growth and recreation aspects of lifestyles in colonial and antebellum South Carolina as indications of cultural adjustments to health hazard

Malaria
Laderman, C., 1975, Social Sc. and Med., v. 9 (11-12), 587-594
Malaria, humans, possible routes by which infection was introduced into the ancient Mediterranean world, historical and ecological considerations

Malaria

Malaria
Benign tertian malaria, young pregnant Pakistani woman, implications for pregnancy, case report, review of possible fetal damage resulting from antimalarial agents: England

Malaria
No malarial or filarial infections revealed during a brief mosquito survey in South Sulawesi, Indonesia

Malaria
Malaria, Malachowski's 1891 use of alkali polychromed methylene blue staining techniques, historical review

Malaria
Lillie, R. D.; and Donaldson, P. T., 1979, Stain Tech., v. 54 (1), 47-48
Wet Giemsa stain method for quick testing of variants in blood and malaria stains

Malaria
Human parasitic diseases imported into Russia by travelers to Africa, Asia, and Latin America, symptoms, clinical management

Malaria
A new type of file card designed for the selection of blood donors and for computerized data processing in order to identify potential donors who are carriers of Chagas disease and malaria

Malaria
Malaria, epidemiological aspects, symposium presentation: failure of eradication programs; malaria in pregnancy; interaction between parasite and human erythrocyte

Malaria
Malaria, value of gel-precipitation test in monitoring endemicity in a rural African village, parasite and precipitin prevalence rates by age, climatic variation and extensive drug usage as factors implicated in changes in prevalence: The Gambia

Malaria
Mantani, R.; et al., 1979, Indian J. Med. Research, v. 70, 199-205
Malaria, human, endemicity survey using standard surveillance methods: rural community near Delhi

Malaria
Malaria, humans, role in tropical splenomegaly syndrome, current appraisal, review
Malaria
B cells: subpopulations, tolerance, autoimmunity, and infection, review including some discussion of Schistosoma mansoni and malaria

Malaria
Mattingly, P. F., 1976, Parasitologia, v. 18 (1-3), 1-8
malaria parasites, evolution

Malaria
human malaria, statistics of incidence survey with special reference to the Indonesian army

Malaria
mefloquine, hydrophobic amine antimalarial, low levels in whole blood samples analyzed with plastic ion-selective electrode

Malaria
mosquito control in wells using Gambusia affinis and Aplocheilus biochii: Pondicherry town

Malaria
malaria, humans, chloroquine induced retinopathy, 6 cases

Malaria
human malaria, indirect fluorescent antibody technique, review: Holland

Malaria
malaria, 4 yearly surveys in Surinam with indirect hemagglutination test, general comments on seroepidemiologic surveys and mathematical models for assessment of malaria transmission rates, symposium presentation

Malaria
cerebral and severe malarias, humans, case reviews, clinical management: Transvaal lowveld mission hospital

Malaria
Molyneux, M. E.; et al., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 183-187
malarial and schistosomal antibodies and serum immunoglobulin concentrations in patients with massive splenomegaly measured, discussion of problems in diagnosis of gross splenomegaly in areas where schistosomiasis and malaria coexist: Malawi

Malaria
Montgomerie, A. M.; Proctor, G. R.; and Green, B., 1979, Biochem. Soc. Tr., v. 7 (6), 1251-1253
binding to DNA of indolobenzazepine analogue of antimalarial drug amodiaquine

Malaria
malaria, incidence 1977-1979, lack of or inadequate prophylaxis, need to inform travelers: Redhill General Hospital, Surrey

Malaria
aplastic anaemia and acute myeloblastic leukemia following chloroquine therapy for malaria and discoid lupus erythematosus, case reports

Malaria
malaria, suggested approach to control, methodology applicable in different epidemiologic situations: the Americas

Malaria
Nakagawa, T.; et al., 1979, J. Pharm. Sc., v. 68 (6), 716-721
antimalariais, whole blood concentrations, gas liquid chromatography determinations, in vivo time course plots

Malaria
malaria, human, discovery of parasite development and its transmission, historical review

Malaria
circulating immune complexes in 38 of 50 apparently healthy Nigerians, 6 of these 38 had significant anti-complementary activity and high IgM levels, 5 of these 6 showed malarial parasitemia, 4 of these 6 after malarial prophylaxis lost their anti-complementary activity with parallel fall in IgM

Malaria
human cerebral malaria, successful treatment regimen using intravenous quinine dihydrochloride

Malaria
effective and ineffective immune responses to parasites, evidence from experimental models, review with emphasis on malaria and trypanosomiasis

Malaria
erythroagglutination test of normal vs. parasitized, mature vs. immature Perdix perdix and Phasianus colchicus colchicus, normalizations of Syngamus trachealis-infected pheasant erythrogram after addition of thiabendazole to feed
Malaria
mosquito collections during non-transmission season of malaria, density, breeding places: Pattukottai, Thanjavur district, Tamil Nadu

Malaria
human malaria, transmission by blood transfusion reviewed, prophylactic measures compared and more efficient measures suggested: France

Malaria
malaria, humans, surveillance activities of Basic Health Workers as part of control measures of rural villages of Haryana State, India

Malaria
quantitative mosquito survey of 7 villages, notes on bionomics, sampling methodology, and effects of insecticides: Punjab Province, Pakistan

Malaria
Anopheles stephensi, release-recapture experiment, observations on dispersal, survivorship, population size, gonotrophic rhythm and mating behaviour

Malaria
host selection patterns of some Pakistan mosquitoes with emphasis on presumed malaria vectors

Malaria
Rishikesh, N.; and Rosen, P., 1976, Parasitologia, v. 18 (1-3), 119-124
Anopheles gambiae, A. funestus, pattern of host entry and exit in unsprayed village near Kaduna in northern Nigeria

Malaria
Roeder-Quehl, M.; et al., 1978, Immun. u. Infekt., v. 6 (2), 83-89
malaria, 4 case reports with atypical symptoms

Malaria
malaria and Giemsa type blood stains, use of lower ratio azure B to methylene blue offers superior staining effects

Malaria
cell injury and parasitic infection, malarial infection as model for cell injury

Malaria
Anopheles culicifacies, genetics of 2 new autosomal loci in linkage group II

Malaria
genetic and linkage analyses of dieldrin resistance in Anopheles culicifacies

Malaria
reminiscences of history of malaria eradication in Palestine and Israel, symposium presentation

Malaria
Anopheles albimanus, computer simulation of effectiveness of releasing male-linked translocation heterozygotes as control measure, malaria subroutine included in model

Malaria
malaria research in Thailand: Publications of the U.S. Army Medical Component, APRIMS (formerly Southeast Asia Treaty Organization)

Malaria
Seko, K.; et al., 1978, Shinkei Naika (Neurol. Med.), v. 8 (2), 125-131
malaria, human cerebral, pathologic findings at autopsy

Malaria
human malaria, review of current control measures, problems in vector control

Malaria
survey of Anopheles gambiae and A. arabiensis (vectors of human malaria) in the Kisumu area after insecticidal spraying with fenitrothion: Kenya

Malaria
Anopheles moucheti as malaria vector: Lambaréné, Gabon

Malaria
malaria, human, review of all cases reported in New York City between 1972 and 1977: geographical source of imported cases, age, sex, race, nationality, and occupational status of host; need for physicians to inform travelers of malaria risk and chemoprophylactic benefit

Malaria
Spencer, H. C.; et al., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 927-932
malaria, human sera, micro enzyme-linked immunosorbent assay used with in vitro-cultured Plasmodium falciparum as antigen
Malaria
malaria, human sera, enzyme-linked immunosorbent assay using cultured Plasmodium falciparum as antigen compared with indirect fluorescent antibody test

Malaria
immunodiagnosis of malaria, prospects for the future, symposium presentation

Malaria
Stella, V.; et al., 1978, J. Pharm. Sc., v. 67 (10), 1375-1377
a-(dibutylaminomethyl)-6,8-dichloro-2-(3', 4'-dichlorophenyl)-4-quinolinemethanol (an antimalarial), enhancement of bioavailability by formulation with oleic acid in soft gelatin capsule

Malaria
malaria, humans, epidemiology, risk of infection in travellers returning from Africa, importance of prophylaxis: Switzerland

Malaria
tropical splenomegaly in humans thought to be lymphoproliferative disorder secondary to abnormal immunological reaction to malaria infection, prolonged antimalarial therapy treatment of choice

Malaria
Taylor, B., 1975, J. Med. Entom., v. 11 (6), 677-687
malaria vectors of the Anopheles punctulatus complex, historical background, distribution, effects of eradication programs, review: British Solomon Islands Protectorate

Malaria
de-The, G.; et al., 1978, Nature, London (5673), v. 274, 756-761
epidemiological evidence for causal relationship between Epstein-Barr virus and Burkitt's lymphoma from Ugandan prospective study, includes brief mention of possible association with malaria

Malaria
mefloquine (new antimalarial compound), effect on mitogen-induced human and mouse lymphocyte proliferative responses, effect on antibody responses and delayed-type hypersensitivity responses to sheep red blood cells in treated mice

Malaria
quinine, inhibition of mitogen-induced human lymphocyte proliferative responses, this immunosuppressive property may be undesirable side effect in treatment of malaria

Malaria
malaria, pregnant woman living in malaria-free area who was exposed to infection while working in a laboratory that bred mosquitoes, case report, recommendations for diagnostic awareness

Malaria
immune functions of the spleen, includes information on malaria with special reference to Plasmodium inui in rhesus monkeys

Malaria
hookworm and iron deficiency anemia in adults and children, therapy with tetrachlorethylene and oral iron, poor response to therapy by children suggests that malaria was causative factor: Tanzania

Malaria
Venkataraman, S.; Ahuja, G. K.; and Virmani, V., 1979, J. Ass. Physicians India, v. 27 (5), 421-428
cysticercosis, echinococcosis, malaria, differential diagnosis of neurological manifestations in humans

Malaria
malaria, introductory remarks on immunization with sporozoites, symposium presentation

Malaria
arguments for the involvement of cell-mediated immunity in antispore protection, symposium presentation

Malaria
malaria, toxoplasmosis, screening of blood donors including those with possible parasitic infections

Malaria
malaria, serodiagnosis, review

Malaria
schistosomiasis, trypansomiasis, malaria, potential and progress towards vaccines, review

Malaria
agents, including malaria, that affect health of mothers and children in rural Kenya

Malaria
malaria, membrane pathobiology, review
Malaria
Wise, D. L.; Gresser, J. D.; and McCormick, G. J., 1979, J. Pharm. and Pharmacol., v. 31 (4), 201-204
dual antimalarial system, sustained release of $^3$H-labelled WR-7557 and $^{14}$C-labelled WR-158122 in biodegradable carrier, rhesus monkeys, mice

Malaria
World Health Organization, 1975, WHO Chron., v. 29 (12), 474-481
human malaria, report of worldwide situation as of 1974

Malaria
bionomics of mosquito populations and organization of anti-malaria activities

Malaria
World Health Organization. Division of Malaria and Other Parasitic Diseases, 1975, Manual on practical entomology in malaria. Part II. Methods and techniques, 191 pp., illus.
malaria, methods and techniques for collecting and studying vector mosquitoes

Malaria
Yekutiel, 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

Marteilia
Marteilia, development, taxonomic implications, affinities with Myxosporida, Actinomyxida, and Paramyxida, "C'est dans ce sous-branchement [Cnidiospora] qui nous semble devoir être maintenu et complètement redéfini que s'insèrent en toute logique les Marteiliidae. ... nous proposons pour l'instant de croire le nouvel et quatrième ordre des Marteiliidae."

Marteilia sp., illus.
presumed sporogenesis

Marteiliidae
Marteilia, development, taxonomic implications, affinities with Myxosporida, Actinomyxida, and Paramyxida, "C'est dans ce sous-branchement [Cnidiospora] qui nous semble devoir être maintenu et complètement redéfini que s'insèrent en toute logique les Marteiliidae. ... nous proposons pour l'instant de croire le nouvel et quatrième ordre des Marteiliidae."

Mattesia sp.
Miln, A. J., 1978, N. Zealand Entom., v. 6 (4), 392-399
Mattesia sp. and Nosema takapauensis in Costelytra zealandica, incidence among larvae, seasonal distribution, growth and development of diseased larvae, mortality, transmission by soil: New Zealand

Mattesia geminata sp. n., illus.
Jouvenaz, D. P.; and Anthony, D. W., 1979, J. Protozool., v. 26 (3), 354-356
Mattesia geminata sp. n.-infected Solenopsis geminata, pathologic manifestations, biological control implications
Solenopsis geminata (hypodermis, apparently in oocytes): Gainesville, Alachua Co., Florida
Solenopsis sp.: Brazil

Mattesia trogodermae Canning
Mattesia trogodermae in biological control of Trogoderma glabrum, dissemination of protozoan pathogen by pheromone-baited spore-transfer sites

Maupasella Cepede
key

Maupasella dichogasteri, nova sp., illus.
Dichogaster inermis (partie antérieure et moyenne du tube digestif): ile Maurice

Maupasella dilatata, nova sp., illus.
Dichogaster inermis (tube digestif): ile Maurice

Maupasella vacuolata Lom, 1959, illus.
description
Pheretima hawayana (partie antérieure du tube digestif): Madagascar

Megatrypanum, subgenus
identification of morphologically similar trypanosomes of mammals

Merocystis sp. Paichuk, 1953
as syn. of Adelina sp. (Paichuk, 1953) nov. comb.

Mesastasia gen. n.
Euglenoididae
tod: M. mirabilis sp. n.
Mesnilella Cepede


Metameridae fam. n.

Mesastasia

Doroshenko, Williams, Williams, Williams, 545-589

Mesocyclops leuckarti


Metameridae fam. n.

Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536

Metaramera, illus.

Williams, G. W., 1942, J. Morphol., v. 70 (3), 545-589

M. falcifera Stein, illus.

W. G. Williams, 1942, J. Morphol., v. 70 (3), 545-589

M. falcifera Stein, illus.

W. G. Williams, 1942, J. Morphol., v. 70 (3), 545-589

M. lumbrici Dujardin, illus.

W. G. Williams, 1942, J. Morphol., v. 70 (3), 545-589

Microsporida, illus.


Microsporidia, mucous glands in olfactory epithelium of some marine fishes are distinguishable morphologically and histochemically from epithelial cells affected by parasites

Microsporidia, staining technique for location of spores in host tissues, used to locate Nosema sp. in Lymnaea rubiginosa snails and Tracheophillus sp. rediae

Microsporidia, illus.

Shadduck, J. A.; Kelsoe, G.; and Helmke, R. J., 1979, J. Parasitol., v. 65 (1), 185-188

Microsporidia spontaneously contaminating cell culture prepared from baboon placental cells, ultrastructurally identical to Encephalitozoon cuniculi and different from Nosema connori

Microsporidia


Sporozoa, review: early taxonomic concepts, developmental cycles and taxonomic revisions, host-parasite relations, microsporidian infections of fishes

Microsporidia

Voronin, N. N.; and Issi, I. V., 1974, Parazitologiia, Leningrad, v. 8 (3), 372-377

Microsporidia, brief summary of some laboratory and field techniques

[Microsporidia sp.] mikrosporidiiami

Altkhanov, Sh. G., 1972, Parazitologiia, Leningrad, v. 6 (4), 381-384

Aedes vexans

Culex pipiens pipiens

C. theileri

call from Azerbaidzhan

Microsporidia [sp.], illus.


Microsporidia [sp.] probably new, cysts and xenomas (structure, localization, histology), epidemiology (geographic distribution, and sex of host, seasonal distribution)

Atherina boyeri (paroi du tube digestif, cavite generale): lagunes saumatre s du sud de Montpellier jusqu'a l'etang de Berre

Microsporidia [sp.]


Limanda ferruginea

Glyceophalus cynamoglossus all from near Nova Scotia, Northwest Atlantic

Microsporidia [sp.]


Glyceophalus cynamoglossus (muscles, body): near Nova Scotia, Northwest Atlantic

Microsporidia gen. sp.

Grabda, J., 1977, Acta Ichthyol, et Piscat., v. 7 (2), 15-34

degree of parasite infestation of Theragra chalcogramma (muscles), commercial value: imported from USSR

Microsporidia gen. sp.

Grozdilova, T. A., 1974, Parazitologiia, Leningrad, v. 8 (4), 293-298

Oncorhynchus gorbuscha: umba and/or Keret rivers

Microsporidia, illus.

Palmieri, J. R.; and Sullivan, J. T., 1977, J. Invert. Path., v. 30 (2), 276

Microsporidia, staining technique for location of spores in host tissues, used to locate Nosema sp. in Lymnaea rubiginosa snails and Tracheophillus sp. rediae

Microsporidia, illus.

Shadduck, J. A.; Kelsoe, G.; and Helmke, R. J., 1979, J. Parasitol., v. 65 (1), 185-188

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Microsporidia


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[Microsporidia sp.] mikrosporidiiami

Altkhanov, Sh. G., 1972, Parazitologiia, Leningrad, v. 6 (4), 381-384

Aedes vexans

Culex pipiens pipiens

C. theileri
Microsporidia sp. or spp., illus.
Culex sp. (fat body): Thailand

Microsporidia [sp.], illus.
Jafri, R. H.; Ahmad, N.; and Idrees, K., 1976, Pakistan J. Zool., v. 8 (2), 234-236
Microcerotermes championi (fat body, lumen of proventriculus, body cavity): near Punjab University, New Campus, Lahore

Microsporida [sp.], illus.
Microsporidia [sp.] in Agapornis roseicollis (liver, kidney, small intestine), case history, pathology: purchased from commercial aviary

Microsporidia [sp.], illus.
Schuetz, A. W.; Selman, K.; and Samson, D., 1979, J. Protozool., v. 26 (2), 179-185
Microsporidium aplysiae sp. (fat body): near Punjab University, New Campus, Lahore

Microsporidia [sp.], illus.
Jafri, R. H.; Ahmad, N.; and Idrees, K., 1976, Pakistan J. Zool., v. 8 (2), 234-236
Microcerotermes championi (fat body, lumen of proventriculus, body cavity): near Punjab University, New Campus, Lahore

Microsporidia [sp.], illus.
Schuetz, A. W.; Selman, K.; and Samson, D., 1979, J. Protozool., v. 26 (2), 179-185
Microsporidium aplysiae sp. (fat body): near Punjab University, New Campus, Lahore

Microsporidia [sp.], illus.
Jafri, R. H.; Ahmad, N.; and Idrees, K., 1976, Pakistan J. Zool., v. 8 (2), 234-236
Microcerotermes championi (fat body, lumen of proventriculus, body cavity): near Punjab University, New Campus, Lahore

Microsporidia [sp.], illus.
Anopholes vagus (fat body): Thailand

Microsporidia, illus.
Culex quinquefasciatus (fat body) (nat. and exper.): Thailand

Microsporidian species No. 1, illus.
Aedes aegypti (fat body) (nat. and exper.): Thailand

Microsporidian species No. 2, illus.
Aedes aegypti (midgut epithelium): Thailand

Microsporidian species No. 3, illus.
Aedes aegypti: Thailand

Microsporidium giraudi (Leger and Hesse) (= Stempellia muelleri)
Miescheria muris Blanchard, 1885
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
as syn. of Sarcocystis muris (Blanchard, 1885) Labbe, 1899

Minchinia sp., illus.
Hillman, R. E., 1978, J. Invert. Path., v. 31 (2), 265-266
Teredo navalis
T. bartschi
T. furcifera
(gills of all): all from Barnegat Bay, New Jersey

Minchinia sp., Marchand, 1975
Marchand, J.; and Sprague, V., 1979, J. Protozool., v. 26 (2), 179-185
as syn. of Minchinia cadomensis sp. n.

Minchinia armoricana nov. sp.
van Banning, P., 1977, J. Invert. Path., v. 30 (2), 199-206
pathogenic activity
Ostrea edulis (connective tissue): oyster culture of Yerseke, Netherlands, but originated in oyster areas of Brittany, France

Minchinia cadomensis sp. n., illus.
Marchand, J.; and Sprague, V., 1979, J. Protozool., v. 26 (2), 179-185
Syn.: Minchinia sp. Marchand, 1975
Rhithropanopeus harrisi tridentatus (cavite generale, sinus sanguinis): Ouistreham (Canal de Caen a la Mer), Calvados, France

Minchinia chitonis Lankester
Minchinia chitonis-infected mollusc, Lepidochitona cinereus: host growth and population structure, infection caused enhanced growth and deviation from normal growth curve

Minchinia costalis
Minchinia nelsoni and M. costalis in Grassostrea virginica introduced from non-infected area, incidence, annual and seasonal prevalence, mortality, sporulation, effect on host reproductive capacity, comparison with Delaware and lower Chesapeake Bays, practical implications for manipulation of introduced oysters: Chincoteague Bay, at Franklin City, Virginia

Minchinia nelsoni] MSX
[Minchinia nelsoni] MSX, cause of oyster mortality and poor seed quality, monitoring program, MSX activity in low- and high-salinity areas: James River public seed beds, Virginia
Minchinia nelsoni
Minchinia nelsoni (MSX), interaction with fungus pathogen Dermocystidium maritimum, oysters, MSX prevents D. marinum from becoming epizootic

Minchinia nelsoni
Minchinia nelsoni in Crassostrea virginica (susceptible imports, native oysters and progeny), seasonal patterns of morbidity and mortality, survival of early generations in MSX-prevalent areas suggests that acquired resistance is involved; hypotheses on origin of infection and life cycle of pathogen: Virginia waters

Minchinia nelsoni
Minchinia nelsoni and M. costalis in Crassostrea virginica introduced from non-infected area, incidence, annual and seasonal prevalence, mortality, sporulation, effect on host reproductive capacity, comparison with Delaware and lower Chesapeake Bays, practical implications for manipulation of introduced oysters: Chincoteague Bay, at Franklin City, Virginia

Minchinia nelsoni
Crassostrea virginica: Wellfleet Harbor, Massachusetts

Minchinia nelsoni
Haskin, Stauber and Mackin, illus.
Minchinia nelsoni, nucleic acid and nucleic protein patterns in plasmodial stages

Miraspora caspialosae Dogiel, 1939

Miraspora caudata (Parisi)

Mollusycystis gen. n.
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Gregarinidae
tod: M. pterotraceae (Stuart, 1871) comb. n.

Mollusycystis pterotraceae (Stuart, 1871) comb. n. (tod)
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
Syns.: Zygocystis pterotraceae Stuart, 1871; Gregarina pterotraceae (Stuart, 1971) Labbe (1899)
Pterotracea sp. (coelom): Odessa, U.S.S.R.

Monocercomonas Grassi, 1879
Krishnamurthy, R.; and Sultana, T., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 132-141

Monocercomonas digranulae [lapsus p. 133 for M. digranulalae n. sp.]
Krishnamurthy, R.; and Sultana, T., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 132-141

Monocercomonas digranulae n. sp.
Krishnamurthy, R.; and Sultana, T., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 132-141
key [lapsus p. 133 as M. digranulalae]
Gryllotalpa africana (middle and hind gut): Aurangabad, Maharashtra, India

Monocercomonas (Monocercomonas) garnhami Krishnamurthy, 1968, illus.
Madre, V. E., and Krishnamurthy, R., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 143-147
description
Vipera russeli (rectum): Aurangabad, Maharashtra, India

Monocercomonas indica n. sp., illus.
Krishnamurthy, R.; and Sultana, T., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 132-141
key
Pycnoscelus surinamensis (midgut): Aurangabad, Maharashtra, India

Monocercomonoides krishnamurthii n. sp., illus.
Sultana, T., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 149-152
Pycnoscelus surinamensis (hind gut): Aurangabad, Maharashtra, India

Monocercomonoides viperae n. sp., illus.
Madre, V. E.; and Krishnamurthy, R., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 143-147
Vipera russeli (rectum): Aurangabad, Maharashtra, India

Monocystis sp.
Farmer, J. N.; et al., 1978, Vet. Rec., v. 102 (4), 78-80
Vulpes vulpes (feces): North Wales

Monocystis abegbei sp. n., illus.
Seguin, A. 0., 1978, J. Protozool., v. 25 (2), 132-141

Protozoa

Monocystis agilis Stein, 1948, illus.
Monocystis agilis, morphology, life cycle and life cycle: Chincoteague Bay, at Franklin City, Virginia
Monocystis libydrillii sp. n., illus.
Libyodrilus violaceus (perivisceral coelom): Tbadan, Western Nigeria

Monocystis palludica (von Koelellik, 1848) Landkester, 1863
as syn. of Lecudina palludica (von Koelellik, 1848) Mingazzini, 1891

Monocystis palludica (von Koelellik, 1848) Leger, 1893
as syn. of Lecudina palludica (von Koelellik, 1848) Mingazzini, 1891

Monocystis pontodrili n. sp.
Pontodrilus bermudensis (body musculature, seminal vesicles, coelomic fluid)

Monodontophrya Vejdosky

Mononema Mich.
Peranemidae, key to species

Mononema hanoiense Mich. et Wita

Mononema harpacticdens Mich.

Mononema ovale Mich.

Mononema ovorum Mich.

Mononema perpendiculare Mich.

Mononema perpendiculare, illus.

Mononema reptans Mich.

Mononema reptans, illus.

Mononema rostratum Mich.

Mononema semilunare Mich.

Mononema svennicum Mich.

Mononema trepidans Mich.

Mrazekia bacilliformis (Leger et Hesse, 1922)
as syn. of Toxoglugea bacilliformis (Leger et Hesse, 1922) comb. nov.

Mrazekia brevicauda Leger et Hesse, 1916, illus.

Mrazekia limnodrili Jirovec, 1936, illus.
Janiszewska, J.; Kassner, J.; and Modrzewskas, M., 1978, Zool. Polon., v. 27 (1), 135-143
Mrazekia limnodrili, fine structure of surface of infected phagocytes of Limnodrilus hoffmeisteri: Odra River bank, Wroclaw

Mrazekia limnodrili Jirovec, 1936, illus.
Janiszewska, J.; Kassner, J.; and Modrzejewska, M., 1978, Zool. Polon., v. 27 (1), 135-143
Mrazekia limnodrili, fine structure of surface of infected phagocytes of Limnodrilus hoffmeisteri: Odra River bank, Wroclaw

Mrazekia tetrasspora (Leger et Hesse, 1922)
as syn. of Toxoglugea tetrasspora (Leger et Hesse, 1922) comb. nov.

Mrazekia tetraspora (Leger et Hesse, 1922)
as syn. of Toxoglugea tetrasspora (Leger et Hesse, 1922) comb. nov.

Mrazekia tetrasspora (Leger et Hesse, 1922)
as syn. of Toxoglugea tetrasspora (Leger et Hesse, 1922) comb. nov.

Mrazekia tetrasspora (Leger et Hesse, 1922)
as syn. of Toxoglugea tetrasspora (Leger et Hesse, 1922) comb. nov.

MSX. See Minchinia nelsoni.

Myxidium, illus.
Koerting, W., 1977, Fisch u. Umwelt (4), 37-48
fish parasites, histopathological changes

Myxidium acinum n. sp., illus.
Anguilla australis
A. dieffenbachii (gills of both): all from New Zealand

Myxidium acinum, illus.
Myxidium zealandicum in Anguilla spp., factors affecting size and shape of spores, comparison with M. acinum
Anguilla dieffenbachii (gills): Makara Stream, Wellington, New Zealand
Myxidium gasterostei Noble
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (intestine, gall bladder): near Vancouver, British Columbia

Myxidium giardi
parasites of Anguilla mossambica, importance of disease control in aquaculture
Anguilla mossambica (gills): South Africa

Myxidium lieberkuehni Buetschi, 1882
Esox lucius (urinary bladder): Aishihik Lake and Stevens Lake, Yukon Territory

Myxidium lieberkuehni Butschli
Esox lucius [urinary bladder]: Kamsk reservoir

Myxidium macrocapsularis Reuss
Anguilla rostrata, illus. Upper Kama

Myxidium macrocapsulare Auerbach, 1910, illus.
Mitchell, L. G., 1978, J. Protozool., v. 25 (1), 100-105

Myxidium minteri
Olson, R. E., 1978, Calif. Fish and Game, v. 64 (2), 117-120
Onchorhynchus kisutch (gall bladder): Pacific Ocean off Newport, Oregon

Myxidium ophiocephali Achmerov
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxidium polymorphus Nie et Lee
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxidium rhodei Leger
[Rutilus rutilus]: Upper Kama

Myxidium rostovetschikowi Schulman, 1962
Ashurova, M., 1973, Parazitologija, Leningrad, v. 7 (2), 164-168
Schizothorax intermedius: Sarez Lake, central Pamir

Myxidium salvelini
Makhovenko, E. T., 1972, Parazitologiia, 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

Myxidium serum n. sp., illus.
Anguilla dieffenbachi [parasites of fishes: China] (gills of both): all from New Zealand

Myxidium zealandicum Hine, 1975, illus.
Myxidium zealandicum in Anguilla spp., factors affecting size and shape of spores, comparison with M. acinum
Anguilla dieffenbachii (gills): all from Makara Stream, Wellington, New Zealand

Myxidium zealandicum, illus.
Hulbert, W. C.; et al., 1977, Canad. J. Zool., v. 55 (2), 438-447
Myxidium zealandicum, fine structure of sporogony and polar capsule development, trophezoite and cyst envelope structures

Myxidium zealandicum Hine, 1975, illus.
Komourdjian, M. P.; et al., 1977, Canad. J. Zool., v. 55 (1), 52-59
Myxidium zealandicum, description, histopathology, spor morphology
Anguilla rostrata (gills, kidney): St. Lawrence River near Quebec City and Cornwall

Myxobilatus sp.
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (kidney tubules): near Vancouver, British Columbia

Myxobilatus gasterostei (Parisi)
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (kidney tubules): near Vancouver, British Columbia

Myxobilatus michosporus
Micropterus salmoides: Florida

Myxobilatus ohioensis (Herrick, 1941) Davis, 1944
parasites of Lepomis gibbosus, prevalence and intensity in relation to host age and sex
Lepomis gibbosus (lumen of ureters, urinary bladder): Ryan Lake, Algonquin Park, Ontario

Protozoa
Myxobilatus platessae (Basikalova, 1932), illus.
synonymy
Platichthys flesus luscus (urinary bladder): Black Sea

Myxobilatus yukonensis Arthur and Margolis, 1975
Cottus cognatus (kidney tubules, urinary bladder): Aishihik Lake, Yukon Territory

Myxobilatus sp.
Cottus cognatus (stomach): Aishihik Lake, Yukon Territory

Myxobilatus sp., illus.
Myxobilatus sp. in Notropis cornutus, spores and various stages of sporogenesis, ultrastructural and cytochemical observations

Myxobilatus sp., illus.
Litoria thesauensis (testes): Lae, north coast of Papua New Guinea

Myxobilatus sp.
Myxobilus cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Myxobilus sp.
[Perca fluviatilis] (gills): Votkinsk reservoir

Myxobilus spp.
Mitchell, L. G., 1978, J. Protozool., v. 25 (1), 100-105
Campostoma anomalum (intestinal wall, gall bladder)
Notropis cornutus (musculature, gall bladder, gill mucus)
Notropis dorsalis (gall bladder, liver)
Pimephales notatus (gills, mesenteries surrounding gall bladder)
Semotilus atronaculatus (gall bladder, gills)
Catostomus commersonii (gills)
Carpiodes carpio (gills)
Moxostoma macrolepidotum (gills)
Pomoxis nigromaculatus (intestinal wall) all from Iowa

Myxobilus spp.
Paperia, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 16 (2), 173-175
Dicentrarchus labrax (gall bladder): marine cultures in France

Myxobilus sp.
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxobilus sp., illus.
Wyatt, E. J., 1979, J. Protozool., v. 26 (1), 47-51
description
Cottus aleuticus (small intestine): Benton County, Oregon

Myxobilus albovi
Podlipsaev, S. A., 1974, Parazitologiia, Leningrad, v. 8 (6), 536-542
Myxobilidae spp., polysaccharides in spores, nature of iodinophilous vacuole

Myxobilus argenteus
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Myxobilus aristicithydis Nie et Yin
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxobilus brasae Reuss
[Abramis brama]
[Rutilus rutilus]
all from Upper Kama

Myxobilus brasae
[Abramis brama] (gills): Neman river basin

Myxobilus brasae
[Abramis brama] (gills): Pskov-Chudskoe lake

Myxobilus brasae
Podlipsaev, S. A., 1974, Parazitologiia, Leningrad, v. 8 (6), 535-542
Myxobilidae spp., polysaccharides in spores, nature of iodinophilous vacuole

Myxobilus cheni Schulman
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxobilus chimbuenensis n. sp., illus.
Litoria darlingtoni (testes): Mul, Chimbu District, Papua New Guinea

Myxobilus cybinae sp. n., illus.
Mitenev, V. K., 1971, Parazitologiia, Leningrad, v. 5 (6), 556-558
[Phoxinus] (cerebrum): Ponoy River near Ponoy Village, Kola Peninsula
Myxobolus cycloides Gurley, 1893, part. Mitenev, V. K., 1971, Parazitologiia, Lenin-
grad, v. 5 (6), 556-558

as syn. of M. lotae sp. n.

Myxobolus cyprincola, illus.
Podiliaev, S. A., 1972, Parazitologiia, Lenin-
grad, v. 6 (6), 506-508

Myxosporidia, 6 spp., lipid inclusions in
spores and cysts

Myxobolus cyprincola Reuss
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao
(Acta Zool. Sinica), v. 21 (2), 190-198

parasites of fishes: China

Myxobolus dechtiari Cone and Anderson, 1977
J. Zool., v. 55 (9), 1410-1423

parasites of Lepomis gibbosus, prevalence
and intensity in relation to host age and
sex
Lepomis gibbosus (distal end of gill lamel-
lae): Ryan Lake, Algonquin Park, Ontario

Myxobolus dispar
Linnik, V. Ia.; and Zen'kovich, E. M., 1970,
v. 8, 109-114
[Rutilus rutilus]: Neman river basin

Myxobolus dispar, illus.
Podiliaev, S. A., 1972, Parazitologiia, Lenin-
grad, v. 6 (6), 506-508

Myxosporidia, 6 spp., lipid inclusions in
spores and cysts

Myxobolus dispar
Podiliaev, S. A., 1974, Parazitologiia, Lenin-
grad, v. 8 (6), 526-542

Myxobolidae spp., polysaccharides in spores,
nature of iodinophilous vacuole

Myxobolus dispar Thelohan
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao
(Acta Zool. Sinica), v. 21 (2), 190-198

parasites of fishes: China

Myxobolus disparoides Schulman, 1962
Ashurova, M., 1973, Parazitologiia, Leningrad,
v. 7 (2), 164-168

Schizothorax intermedius: Sarez Lake, cen-
tral Pamir

Myxobolus drjagini
Wu, B.; et al., 1979, Tung Wu Hsueh Pao
(Acta Zool. Sinica), v. 25 (1), 50-57

Myxobolus drjagini in Hypophthalmichthys
molitrix, seasonal fluctuations with regard
to occurrence and development of parasites,
recommended prophylactic measures and treat-
ment: hatchery ponds, Hangzhou region of
Jiang Province

Myxobolus drjagini Achmerov, 1954, illus.
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao
(Acta Zool. Sinica), v. 21 (2), 190-198

Myxobolus drjagini in Hypophthalmichthys
molitrix (lymphoid fluid in cavity of crani-
um, central nervous system, sense organs),
symptoms, pathology, prevention and treat-
ment: Hangzhou region, Chekiang Province

Myxobolus elegans Kaschkowski
Iziumova, N. A.; Mashtakov, A. V.; and Timo-
[Rutilus rutilus]: Upper Kama; Chusovaia
river

Myxobolus ellipsoides Thelohan
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao
(Acta Zool. Sinica), v. 21 (2), 190-198

parasites of fishes: China

Myxobolus exiguus Thelohan
Armas, G., 1979, J. Fish Dis., v. 2 (6), 543-
547

Mugil cephalus (gills, heart, liver, gall
bladder, spleen, intestine, muscle tissue,
kidney): Rio Moche coastal lagoon, northern
Peru

Myxobolus exiguus Thelohan
Iziumova, N. A.; Mashtakov, A. V.; and Timo-

[Abramis brama]: Chusovaia river

Myxobolus exiguus
Podiliaev, S. A., 1974, Parazitologiia, Lenin-
grad, v. 8 (6), 535-542

Myxobolidae spp., polysaccharides in spores,
nature of iodinophilous vacuole

Myxobolus exiguus

Myxobolus exiguus, early stages of develop-
ment in vitro

Myxobolus exiguus Thelohan, 1895, illus.
Siau, Y., 1979, Compt. Rend. Acad. Sc., Paris,
v. 288, s. D, Sc. Nat. (4), 403-404

Myxobolus exiguus, Ceratomyxa herouardi,
synaptonemal complexes, electron microscop-
ob observations, implications for life cycle and
classification of myxosporidians

Myxobolus insidiosus
Markiw, M. E.; and Wolf, K., 1978, J. Fish.
Research Bd. Canada, v. 35 (6), 828-832

Myxosoma cerebralis, rabbits immunized with
antigens extracted from mature spores or pre-
spore stages, antisera and globulins used in
fluorescent antibody techniques, direct fluo-
rescent antibody test showed higher speci-
ficity than indirect FAT in cross reactions
with other species of myxosporidians

Myxobolus insidiosus
Wyatt, E. J., 1978, J. Parasitol., v. 64 (1),
169-170

Oncorhynchus kisutch (muscle tissue): Kal-
am, Lewis and Spleelyai River Hatcheries,
Washington State

Myxobolus insidiosus Wyatt and Pratt, 1963
233-240

Myxobolus insidiosus in Oncorhynchus tsha-
wytsha, epizootiology, factors affecting
prevalence of infection in naturally con-
taminated waters, no infection could be in-
duced in susceptible fish in disease free
water supply: Oregon

Myxobolus insidiosus clarkei sub. sp. n., illus.
Wyatt, E. J., 1979, J. Protozool., v. 26 (1),
47-51

Salmo clarkei (somatic musculature): Linn
and Lane counties, Oregon

Myxobolus kisutchi, illus.
Wyatt, E. J., 1978, J. Parasitol., v. 64 (1),
169-170

Oncorhynchus tshawytscha (mid-brain, spinal
cord): McKenzie River, western Oregon
Myxobolus koi Kudo

Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198

parasites of fishes: China

Myxobolus kozloffi sp. n., illus.

Wyatt, E. J., 1979, J. Protozool., v. 26 (1), 47-51

Catostomus luxatus (kidneys): Klamath County, Oregon

Myxobolus krokhini

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

Myxobolus krokhini

Makhowenko, E. T., 1972, Parazitologiia, 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

Myxobolus lotae sp. n., illus.

Mitenev, V. K., 1971, Parazitologiia, Leningrad, v. 5 (6), 556-558


Lota lota (gill lobes): Ponoy River near Ponoy Village, Kola Peninsula

Myxobolus magnaspherus Cone and Anderson, 1977


parasites of Lepomis gibbosus, prevalence and intensity in relation to host age and sex

Lepomis gibbosus (parietal peritoneum of kidney): Ryan Lake, Algonquin Park, Ontario

Myxobolus minutus Nemeczek

Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198

parasites of fishes: China

Myxobolus muelleri Buetschli, 1882


parasite fauna of Perca fluviatilis, host specificity, comparison with different localities in British Isles, factors affecting composition

Perca fluviatilis (buccal cavity): Llyn Tegid, Wales

Myxobolus muelleri Buetschli


[Abramis brama]: Upper Kama

Myxobolus mülleri Bütschli, 1882, part.

Mitenev, V. K., 1971, Parazitologiia, Leningrad, v. 5 (6), 556-558

as syn. of M. lotae sp. n.

Myxobolus muelleri, illus.

Podlipaev, S. A., 1972, Parazitologiia, Leningrad, v. 6 (6), 506-508

Myxosporidia, 6 spp., lipid inclusions in spores and cysts

Myxobolus muelleri, illus.

Podlipaev, S. A., 1974, Parazitologiia, Leningrad, v. 8 (6), 535-542

Myxobolidae spp., polysaccharides in spores, nature of iodinophilous vacuole

Myxobolus musculi Keysselitz, 1904

Ashurova, M., 1973, Parazitologiia, Leningrad, v. 7 (2), 164-168

Schizothorax intermedius: Sarez Lake, central Pamir
Myxobolus osburni Herrick, 1936
parasites of Lepomis gibbosus, prevalence and intensity in relation to host age and sex
Lepomis gibbosus (pancreatic tissue dorsal to pyloric caeca, anterior to gall bladder): Ryan Lake, Algonquin Park, Ontario

Myxobolus oviformis Theolohan
[Abramis brama]: Chusovaia river

Myxobolus parvus Schulman
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxobolus pavlovskii (Achmerov, 1954), illus.
Molnar, K., 1979, Acta Vet., Budapest, v. 27 (3), 207-216
Myxobolus pavlovskii in cultured fish, incidence, infection experiments, epizootiology, histopathology
Hypophthalmichthys mollitrix (nat. and exper.) (stratified epithelium between gill lamellae)
Aristichthys nobilis (nat. and exper.) (stratified epithelium between gill lamellae)
al all from Hungary

Myxobolus pavlovskii Achmerov
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxobolus pfeifferi
parasites causing intensive epizootic disease of food fishes: Kremenchug reservoir

Myxobolus pfeifferi
parasites of Acanthobrama marmid and Cyprinodon macrostomus, intensity of infection, seasonal variations, sex of host
Acanthobrama marmid (gill arches): river Tigris, Mosul (Iraq)

Myxobolus pseudodispar Gorbunova
[Rutilus rutilus]: Chusovaia river

Myxobolus pseudodispar
[Blicca bjoerkna]: Nemans river basin

Myxobolus rotundus Nemeczek
[Abramis brama]: Chusovaia river

Myxobolus sandrae Reuss
Lucioperca lucioperca (gills): Kamsk reservoir

Myxobolus schizopygopsis Dzhaliilov et Ashurov, 1971
Ashurov, M., 1973, Parazitologiya, Leningrad, v. 7 (2), 164-168
Schizopygopsis stoliczkai: Sarez Lake, central Pamir

Myxobolus suturalis Schulman, 1962
Ashurov, M., 1973, Parazitologiya, Leningrad, v. 7 (2), 164-168
Schizothorax intermedius: Sarez Lake, central Pamir

Myxobolus symmetricus Nie et Lee
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxobolus uvuliferis Cone and Anderson, 1977
parasites of Lepomis gibbosus, prevalence and intensity in relation to host age and sex
Lepomis gibbosus (striated muscle, mainly at base of unpaired fins): Ryan Lake, Algonquin Park, Ontario

Myxobolus wasjugani sp. n., illus.
Bocharova, T. A.; and Donets, Z. C., 1974, Parazitologiya, Leningrad, v. 8 (1), 74-76
Carassius carassius (muscles): Tukhemitor lake (middle course of Vasiugan river)

Myxoproteus Doflein 1898 emend, Davis 1917
redefinition; differentiation from Conispora gen. nov. and Sinuolinea

Myxoproteus abyssus Yoshino and Moser 1974
as syn. of Conispora abyssa (Yoshino and Moser 1974) n. comb.

Myxoproteus myxocephali Fantham et al. 1940
does not belong to Myxoproteus, taxonomic status needs to be reassessed

Protozoa

Ryan Lake, Algonquin Park, Ontario
Myxosoma cartilaginis
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Myxosoma cephalis
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Myxosoma cerebralis, illus.
Myxosoma cerebralis-infected Salmo gairdneri, detection of circulating antibodies with indirect fluorescent antibody test

Myxosoma cerebralis, illus.
Myxosoma cerebralis, causative agent of whirling disease of trout and salmon, distribution, research, and control measures in United States, review

Myxosoma cerebralis, illus.
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Myxosoma cerebralis
O'Grondnick, J. J., 1979, Tr. Am. Fish. Soc., v. 108 (2), 187-190
Myxosoma cerebralis, susceptibility of fry and fingerling salmonids in contaminated water supply at Cedar Run, Clinton County, Pennsylvania; Salvelinus namaycush completely refractory to infection
Onchorhynchus nerka
Salvelinus fontinalis
Onchorhynchus tsawytscha
Salmo trutta
Onchorhynchus kisutch
Salmo gairdneri (all exper.)

Myxosoma cerebralis
Taylor, R. L.; and Lott, M., 1978, J. Protozool., v. 25 (1), 105-106
Myxosoma cerebralis, transmission of whirling disease to Salmo gairdneri by feces of birds (Anas platyrhynchos, Nycticorax nycticorax) fed infected trout, first report that spores are still viable after passage through birds, necessity of maturation of spores in mud

Myxosoma cyprini
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-spore stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Myxosoma funduli Kudo, illus.
Current, W. L.; Janovy, J., jr.; and Knight, S. A., 1979, J. Protozool., v. 26 (4), 574-583
Myxosoma funduli, plasmidium wall, sporogenesis, ultrastructure
Fundulus kansae (gills): South Platte River, Keith County, Nebraska

Myxosoma lairdi n. sp., illus.
Liza macrolepis (gut muscles): Bheemunipatnam, Andhra Pradesh

Myxosoma lieni Nie et Lee
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxosoma notropis Fantham, Porter and Richardson, 1939, illus.
Myxosoma notropis, morphology and dimensions of spores, light and scanning electron microscopy, histochemistry
Notropis cornutus (liver): Lake Sasajewan, Algonquin Park, Ontario

Myxosoma squamalis
Olson, R. E., 1978, Calif. Fish and Game, v. 64 (2), 117-120
Onchorhynchus kisutch (scales): Pacific Ocean off Newport, Oregon

Myxosoma varia (Achmerov) Nie et Lee
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Myxosporidia
Myxosporidia, glycerine-gelatin slides prepared without preliminary fixation followed by use of phase-contrast microscopy recommended as best method to use for identification

Myxosporidia
Sphaeromyxa sabrazesi, 'germinal' cells are complex of three cellular types, observations support independence of Myxosporidia from Protozoa and Metazoa

Myxosporid[a], illus.
Koerting, W., 1977, Fisch u. Umwelt (4), 37-48
fish parasites, histopathological changes
[Myxosporidia sp.] mikosporidii
[Rutilus rutilus]
[Blicca bjoerkna]
[Leuciscus idus]
all from Neman river basin

Myxosporida [sp.], unidentified trophozoites
Mitchell, L. G., 1978, J. Protozool., v. 25 (1), 100-105
Lepisosteus platostomus
Notropis dorsalis
Semotilus atromaculatus
Carpioides carpio
Moxostoma macrolepidotum
Lepomis macrochirus
Micropterus salmoides
(gall bladder of all): all from Iowa

Myxosporidia gen. sp.
[Abramis brama] (gills): Pskov-Chudskoe lake

Myxosporidia gen. sp. (=Henneguya sargi Swarz., 1912)
Diplodus annularis (subcutaneous body tissue, fins): Black Sea
Naegleria

human amoebic meningoencephalitis, etiology, epidemiology, pathology, diagnosis, therapy, review

Naegleria, illus.

Naegleria, child, rapid detection of trophozoites in spinal fluid stained with bacterial stains

Naegleria-Hartmannella free-living amoebae, illus.

Entamoeba moshkovskii and free-living amoeba of Hartmannella-Naegleria group, ultrastructural comparisons

Naegleria-Hartmannella groups

Naegleria-Hartmannella groups, agar plate method for isolation and cultivation of amoebae from infected humans and animals, soil, sewage sludge, fresh water, and other substrates

Naegleria

Dive, D.; et al., 1978, Ann. Microbiol., v. 120 B (2), 225-244
"Limax" amoebae in swimming pools, water purification systems, associated bacterial flora, temperature, pathogenicity to mice: North of France

Naegleria

pathogenic and nonpathogenic aerobic free-living amoebae, characterization of cytoplasmic inclusions, cytochemistry and ultrastructure, review

Naegleria

pathogenic free-living amoebae, brief review

Naegleria

Naegleria, Acanthamoeba, Hartmannella, free-living amoeba now thought to be agents responsible for human meningoencephalitis, diagnosis, pathology, therapy, review

Naegleria

primary amebic meningoencephalitis, human (brain, pancreas), clinical findings, postmortem studies, electron microscopy, immunohistologic studies, evidence slightly more indicative of Acanthamoeba than Naegleria infection: Louisiana

Naegleria,illus.

Naegleria, viability of pathogenic strain in water media (public water supply, swimming-pool, inland lake) at various temperatures

Naegleria

Johnson, C. M., 1977, Rev. Med. Panama, v. 2 (3), 141-144
human meningoencephalitis previously diagnosed by Herrera (Arch. Med. Panam., v. 1, 1952) as caused by Endamoeba histolytica is correctly diagnosed as resulting from infection with a species of Naegleria, opinion based on history, clinical course, morphology of amoeba and pathology: Panama

Naegleria

protozoa polluting tap water, concentration and identification in culture: Federal District, Mexico City

Naegleria

Naegleria, Acanthamoeba spp. causing disease in man and other vertebrates, selected bibliography and tabular survey of cases

Naegleria

Wyburn-Mason, R., 1979, Med. Hypotheses, v. 5 (11), 1237-1249
Naegleria, possible cause of rheumatoid disease and many human cancers through chronic antigenic stimulation by the Naegleria, review of new medical concept

Naegleria sp.

Naegleria and Acanthamoeba, incidence in aquaria, may be source of human infection: Belgium

Naegleria spp. Alexeieff 1912, emend. Calkins 1913
isolation of 164 strains of free-living amoebae from public water supplies and swimming pools, some strains of Acanthamoeba polyphaga, A. castellanii, A. lenticulata, and A. comandoni were pathogenic for mice, none of the Naegleria isolated were pathogenic for mice, levels of bromine and chlorine used were insufficient to eliminate these amoebae, potential danger to users and suggested control measures: Strasbourg

Naegleria sp.

soil amoeba potentially pathogenic to man, existence in Canada, results of survey from various areas of Ontario

Naegleria aerobia

Naegleria aerobia flagellate stage, pathogenicity, bearing on epidemiology of exogenous amoebiasis

Naegleria aerobia (Singh & Das, 1970), illus.

Naegleria aerobia in infected mouse brain and in vitro, fate of special cytoplasmic inclusions (black bodies), nature and role of these bodies discussed


Naegleria fowleri, illus.
Naegleria fowleri, cytopathogenicity in mouse embryo-cell cultures, no evidence that cell-free cytotoxic factors play a part, damage seemed to occur only as result of direct contact with active amebae and appeared to be associated with phagocytic activity of trophozoites

Naegleria fowleri, illus.
Naegleria fowleri, cytopathogenicity in mouse embryo-cell cultures, inhibition by amoeba-specific antiserum and by cytochalasin B, concluded that cytopathogenicity was due to physical rather than biochemical or cytotoxic mechanisms and was associated with phagocytic activity of trophozoites

Naegleria fowleri, illus.
Naegleria fowleri, cytopathogenicity in mouse embryo-cell cultures, observations by immunofluorescence microscopy and electron microscopy, concluded that trophozoites destroy cultured cells by phagocytosis-like mechanism without aid of amoeba-associated cytotoxic or cytolytic agents

Naegleria fowleri
Naegleria fowleri, human amoebic meningoencephalitis, water pollution as major source of infection, epidemiology, prevention and control, review

Naegleria fowleri
Cursons, R. T. M.; et al., 1979, J. Parasit., v. 65 (1), 189-191
Acanthamoeba, Naegleria, semidefined media for cultivation of pathogenic and nonpathogenic free-living amebae

Naegleria fowleri
Naegleria, Acanthamoeba, pathogenic vs. nonpathogenic strains, differences in level of production of phospholipase A may explain differences in invasiveness and virulence, likely that secretion of enzyme constitutes initial steps whereby host tissue is prepared for endocytosis by these amebae

Naegleria fowleri, illus.
Primary amoebic meningoencephalitis, humans, differential diagnosis and identification of aetiological agents

Naegleria fowleri
Darby, C. P.; et al., 1979, Am. J. Dis. Child., v. 133 (10), 1025-1027
Primary amoebic meningoencephalitis, human, 3 fatal case reports, Naegleria fowleri isolated and identified premortem in 1: had been swimming in freshwater lakes in South Carolina

Naegleria fowleri
De Jonckheere, J., 1979, Path. Biol., v. 27 (8), 453-458
Naegleria fowleri, virulence for mice of isolates from environment, effect of axenic cultivation, brain passage, and passages in Vero cell cultures, mouse strain and age differences

Naegleria fowleri, illus.
Perrante, A.; and Thong, Y. H., 1979, Internat. J. Parasitol., v. 9 (6), 599-601
Naegleria fowleri, antibody-induced capping and endocytosis of surface antigens, may allow amoeba to resist action of host's immune system

Naegleria fowleri
Haggerty, R. M.; and John, D. T., 1978, Infect. and Immun., v. 20 (1), 73-77
Naegleria fowleri in mice, infecting dose and age, sex, and strain of host are important variables that markedly affect innate resistance to infection

Naegleria fowleri
Naegleria fowleri, human meningoencephalitis, general clinical review, 3 case reports: Belgium

Naegleria fowleri
Naegleria fowleri, chick embryos are susceptible to infection and may represent useful host for experimental studies

Naegleria fowleri
Holbrook, T. W.; and Parker, B. W., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 984-987
Naegleria fowleri incubated on chick embryos, effects of embryo age and temperature on maintenance, infectivity maintained after 25 serial passages

Naegleria fowleri
Kadlec, V.; Cerva, L.; and Skvarova, J., 1978, Science (4360), v. 201, 1025
Reservoir of pathogenic Naegleria fowleri located in cracked wall of indoor swimming pool where repeated outbreaks of primary amoebic meningoencephalitis were observed between 1962 and 1965: northern Bohemia

Naegleria fowleri
Lawande, R. V.; et al., 1979, Am. J. Clin. Path., v. 71 (2), 201-203
Naegleria fowleri, children, soil amebas recovered from nasal passages during dusty harmaattan period, cause of fatal meningoencephalitis in infant (cerebrospinal fluid, nose): Zaria

Naegleria fowleri
Naegleria fowleri, 8-month-old infant, fatal case of primary amebic meningoencephalitis: Zaria, Nigeria

Naegleria fowleri, illus.
Lawande, R. V.; et al., 1979, J. Trop. Med. and Hyg., v. 82 (4), 84-88
Naegleria fowleri, children, primary amoebic meningoencephalitis, possible inhalation of airborne cysts: Northern Nigeria
**Naegleria fowleri**, illus.
free-living pathogenic and non-pathogenic amoeboae, prevalence survey in soils, Naegleria fowleri pathogenic in young Swiss white mice: Zaria, Nigeria

**Naegleria fowleri**
Naegleria fowleri, in vitro susceptibility to selected antimicrobial agents singly and in combination

**Naegleria fowleri**, illus.
Naegleria fowleri, man, primary amoebic meningo-encephalitis, neuropathology of 3 fatal cases: Antwerp

**Naegleria fowleri**, illus.
Martinez, A. J.; and Janitschke, K., 1979, Immun. u. Infekt., v. 7 (2), 57-64.
Naegleria fowleri, Acanthamoeba, human, histopathology, protozoology and taxonomy, epidemiology, treatment, animal models, review

**Naegleria fowleri**
Nerad, T. A.; and Daggett, P. M., 1979, J. Protozool., v. 26 (4), 615-615.
Naegleria fowleri, N. gruberi, isoenzyme electrophoresis as effective method for separation of pathogenic and nonpathogenic Naegleria strains

**Naegleria fowleri**, illus.
Naegleria fowleri, susceptibility to Δ6-tetrahydrocannabinol and other cannabinoids

**Naegleria fowleri**, illus.
Naegleria fowleri, Acanthamoeba culbertsoni, human primary amoebic meningoencephalitis, broad review

**Naegleria fowleri**, illus.
Naegleria amoebae contain virus-like particles and an unassociated infectious agent, possible relationship to pathogenicity, review

**Naegleria fowleri**, illus.
Naegleria spp., evaluation of membranobound black bodies, found to be characteristic of trophozoites and unrelated to encystment

**Naegleria fowleri**
Naegleria fowleri, mice immunized with live parasites by intraperitoneal injection were found to be more resistant to subsequent intranasal challenge

**Naegleria fowleri**
Naegleria fowleri, mice immunized with live organisms acquire resistance to challenge, protective immunity can be transferred by immune serum but not by immune cells, mechanism of this immunity unknown

**Naegleria fowleri**
Naegleria fowleri, differentiation from N. gruberi by comparison of phagocytic behavior towards baker's yeast

**Naegleria fowleri**
Naegleria fowleri-infected mice, amphotericin B potentiated by tetracycline shows promise in treating meningoencephalitis

**Naegleria fowleri**, illus.
Naegleria fowleri, 14-year-old boy, fatal primary amoebic meningoencephalitis after swimming in stream polluted by warm effluents of zinc and lead factory: Canal of Beverlo, Balen-Wezel

**Naegleria fowleri**
Naegleria fowleri, average number of nuclei per ameba, macromolecular composition (mass, protein, RNA, DNA, carbohydrate), changes during growth in vitro

**Naegleria fowleri**
Naegleria fowleri, cell and mitochondria respiration

**Naegleria fowleri**
Naegleria fowleri, variants in Australian strains, immunoelectrophoretic analysis shows them to have antigenic identity with human stains causing meningoencephalitis in other parts of world

**Naegleria gruberi**, illus.
Entamoeba moshkovskii and free-living amoeba of Hartmannella-Naegleria group, ultrastructural comparisons

**Naegleria gruberi**
Entamoeba moshkovskii and free-living amoeiba of Hartmannella-Naegleria group, ultrastructural comparisons

**Naegleria gruberi**
Cursons, R. T. M.; et al., 1979, J. Parasitol., v. 65 (3), 189-191.
Acanthamoeba Naegleria, semidefined media for cultivation of pathogenic and nonpathogenic free-living amebae
Protozoa

Naegleria gruberi
Naegleria and Acanthamoeba, incidence in aquaria, may be source of human infection: Belgium

Naegleria gruberi, illus.
Naegleria gruberi, human, fatal meningoencephalitis after swimming in public pools, amoeba discovered in spinal fluid, amphotericin B studied as possible therapy: Belgium

Naegleria gruberi, illus.
Naegleria gruberi, human primary amoebic meningoencephalitis, case reports, swimming pools were source of infections: Western Europe

Naegleria gruberi
Malhotra, K. K.; et al., 1978, J. Trop. Med. and Hyg., v. 81 (6), 115-115
Naegleria gruberi resulting in fatal human primary amoebic meningoencephalitis, report of atypical case documenting diagnostic and therapeutic problems: Jammu

Naegleria gruberi
survey of swimming pools for presence of free-living amebae, potential danger for swimmers: Lyon

Naegleria gruberi, illus.
Naegleria amoebae contain virus-like particles and an unassociated infectious agent, possible relationship to pathogenicity, review

Naegleria lovaniensis Stevens, De Jonckheere, and Willaert sp. n. [non nud.]
Naegleria and Acanthamoeba, incidence in aquaria, may be source of human infection: Belgium

Nannomonas, subgenus
identification of morphologically similar trypanosomes of mammals

Naupliicola sp., illus.
Acanthocyclops vernalis (nauplius eye)

Naupliicola sp., illus.
Macrocylops sp. (eye)

Naupliicola spp.
MESOCYCLOPS LEUCKARTII: water body of Botanical Gardens, Brisbane and Melbourne, Australia

Naupliicola burseriformis Michajlow, 1969
Acanthocyclops vernalis

Naupliicola cystifactor Mich., illus.
Macrocylops albidos

Naupliicola cystifingens Michajlow, 1968, illus.
Acanthocyclops vernalis

Naupliicola fennicus Michajlow, 1966
Acanthocyclops vernalis

Naupliicola kaunasiensis Michajlow, 1970
Eucyclops macrurides

Naupliicola kenyensis sp. n., illus.
Microcylops varicans (body cavity): bays of river Tsavo, Tsavo National Park, Kenya

Naupliicola lituaniicus Michajlow 1970
Acanthocyclops vernalis

Naupliicola lituaniicus Mich., illus.
Acanthocyclops vernalis (body cavity)

Naupliicola necans Michajlow, 1965
Acanthocyclops vernalis

Naupliicola nugovicium Michajlow, 1966
Mesocyclops leuckarti (nauplius eye)

Naupliicola ucrainicus Michajlow, 1968
Eucyclops macrurides

Naupliicola viliniensis Michajlow, 1970
Eucyclops serrulatus

Nematocystis bunmii sp. n., illus.
Segun, A. 0., 1978, J. Protozool., v. 25 (2), 157-162
Heliodrilus lagosensis (seminal vesicles): Oshogbo and Ile-Ife (Western), and Lagos, Nigeria

Nematopsis ostreareum
Crassostrea virgirina (gill, mantle): New Haven Harbor, Connecticut
Nipponica subgen. n.
subgen. of Opalina

type sp.: Opalina (Nipponica) japonica Sugiyama, 1920

Nipponica
subgen. of Opalina, key

Nosema
Grobov, O. F.; Karakuiumchian, M. K.; and Orlova-Sokol'skaia, I. A., 1975, Parazitologiya, Leningrad, v. 9 (2), 142-146
review of microsporidians reported from mammals

Nosema
"...continued use of 'nosema' as a synonym for 'encephalitozoon' is not in keeping with current knowledge"; morphologic differences and differing host specificities separate the two genera

Nosema
Nosema, bees, veterinary hygiene: Neubrandenburg

Nosema sp., illus.
Grobov, O. F.; Karakuiumchian, M. K.; and Orlova-Sokol'skaia, I. A., 1975, Parazitologiya, Leningrad, v. 9 (2), 142-146
[white rats] (brain): Gosudarstv Control Institute im. Tarasevich
[Mus musculus] (peritoneal fluid) (exper.)

Nosema sp., illus.
Jafri, R. H.; Asif, M.; and Aslamkhan, M., 1976, Pakistan J. Zool., v. 8 (2), 252-254
Anopheles stephensi (lumen of stomach, epithelium of posterior part of stomach): Lahore, Pakistan

Nosema spp., morphologically similar to N. necatrix
Knell, J. D.; and Zam, S. G., 1978, J. Invert. Path., v. 31 (3), 280-288
Nosema spp., double immunodiffusion techniques used to investigate taxonomic relationships between 6 different microsporidian isolates
"... Nosema necatrix isolates 942, 954, and 960 and Nosema plodiae ... should be considered members of the genus Vairimorpha."

Nosema sp.
Miln, A. J., 1978, New Zealand Entom., v. 6 (4), 392-399
Costelytra zealandica: New Zealand

Nosema sp., illus.
Narayanan, K.; and Jayaraj, S., 1979, Current Sc., Bangalore, v. 48 (6), 276 [Letter]
Spodoptera litura (nat. and exper.): India

Nosema sp.
Narayanan, K.; and Jayaraj, S., 1979, Current Sc., Bangalore, v. 48 (10), 825 [Letter]
mixed infections of Nosema sp. and virus in Pericallia ricini and Spodoptera litura: India

Nosema sp.
Lymnaea rubiginosa
Fascioloides gigantica
Echinostoma audiviri
Tracheophilus sp. (all exper.)

Nosema sp.
Palmieri, J. R.; and Sullivan, J. T., 1977, J. Invert. Path., v. 30 (2), 276
Microsporidia, staining technique for location of spores in host tissues, used to locate Nosema sp. in Lymnaea rubiginosa snails and Tracheophilus sp. rediae

Nosema agrotidis Lipa et Tissi
Nilova, G. N.; and Strel'inikova, L. V., 1974, Parazitologiya, Leningrad, v. 8 (5), 463-468
Plistophora schubergi, Nosema agrotidis, effect of ultraviolet radiation on viability of spores

Nosema algeriae Vavra and Undeen
Nosema algeriae, infection rates, reproductive capacity, and longevity of Anopheles albimanus exposed at each larval instar, results indicate that introduction of N. algeriae into natural A. albimanus populations of mixed larval instars could significantly reduce number and fertility of mosquito eggs

Nosema algeriae
partial suppression of Plasmodium gallinaceum and P. vivax in Aedes aegypti and Anopheles stephensi doubly infected with Nosema algeriae and Plasmodium, epidemiological significance

Nosema algeriae
Kelly, J. F.; and Knell, J. D., 1979, J. Invert. Path., v. 33 (2), 252
Nosema algeriae, Amblyospora sp., modification of Ludox gradient spore purification technique

Nosema algeriae
Knell, J. D.; and Zam, S. G., 1978, J. Invert. Path., v. 31 (3), 280-288
Nosema spp., double immunodiffusion techniques used to investigate taxonomic relationships between 6 different microsporidian isolates

Nosema algeriae
Maddox, J. V.; et al., 1977, Pakistan J. Zool., v. 9 (1), 19-22
Nosema algeriae, differences in susceptibility of Pakistan mosquitoes, potential as biological control agent
Anopheles stephensi
A. pulcherrimus
A. culicifacies
A. annularis
A. subpictus
Culex pipiens fatigans (all exper.)
Nosema algerae
Octosporea muscae domesticae. Nosema algerae, N. whitei, effect of lyophilization on infectivity of spores

Nosema antheraeae sp. n., illus.
Antheraea pernyi (fat body, cells of muscle tissue surrounding intestine and hemocytes): Ukraine (Kiev, Kivertsy Volynskoi oblast).
Hyphania cunea (exper.).
Agrotis segetum (exper.).
Mamestra brassicae (exper.).
Galleria mellonella (exper.).
Plodia interpunctella (exper.).
Ephesia kuchienella (exper.).
Loxostege sticticallis (exper.).

Nosema apis Zander, 1909
Grobov, O. F.; and Ziment, B. V., 1972, Parasitologija, Leningrad, v. 6 (2), 176-179
Nosema apis, in vitro cultivation of infected honey-bee midgut tissue

Nosema apis Zander, illus.
Nosema apis in Apis mellifera, development, diagnosis, and control, review

Nosema apis Zander
Nosema apis in Apis mellifera, enough spores reach ventriculus 10 to 15 minutes after inoculation to start maximal infection

Nosema apis Zander, illus.
Apis cerana indica (gut): Pithoragarh, Kumaon hills, Uttar Pradesh, India

Nosema apis
Lehnert, T.; and Shimanuki, H., 1979, Apidologie, v. 10 (1), 17-22
Nosema apis, package bees, population change and spore levels in older vs. newly emerged bees, much of disease eliminated with death of older bees, effect of feeding fumagillin at time packages are installed

Nosema apis
Moffett, J. O.; and Lawson, F. A., 1975, J. Econom. Entom., v. 68 (5), 627-629
Nosema apis-infected honey bees, oxygen consumption

Nosema apis
Muresan, E.; et al., 1978, Apicultura Romania, v. 53 (4), 15-15, 16
Nosema apis, Fumidil B and NOSAN against Paramecium caudatum as substitute test agent (having sensitivity similar to N. apis).

Nosema apis
Nosema apis, healthy and infected Apis mellifica carpatica, histochemical indices of mid-gut

Nosema apis
Nosema apis, drones, influence of host diet on development

Nosema apis Z.
Peroutka, M.; and Cihar, R., 1978, Apidologie, v. 9 (4), 291-304
Nosema apis in drones (exper.), effect of pollen, pharyngeal gland secretions, and pteridines (stimulation, inhibition, or no effect) on parasite reproduction

Nosema apis Zander
Nosema apis in Apis mellifera (exper.), influence of proteinaceous diet (pollen or pollen substitute) on worker bee longevity associated with infection, potential of protein feeding as component in standardized test of honey bee response to Nosema infection

Nosema apis
Genetic characteristics of Apis mellifera, response to Nosema apis, longevity, and hoarding behavior

Nosema apis
Nosema apis, bees, prophylactic control by sanitation and other management tactics, drugs used only on supplementary basis

Nosema apis
Nosema apis, honey bees, formaldehyde (some improvement), thymol (good results): apiary at Jeolikote, India

Nosema apis Zander, illus.
Steche, W.; and Held, T., 1978, Allg. Deutsche Imkerztg., v. 12 (11), 522-528
Nosema apis, structure of early developmental stages, scanning electron microscopy

Nosema apis
Nosema apis spores, differential diagnosis in pollen by lugol staining

Nosema bombycis, illus.
Nosema bombycis, alteration of staining properties of discharged sporoplasm in silkworm alimentary canal

Nosema bombycis Naegeli, illus.
Nosema bombycis, propagative reproduction in silkworm larvae

Nosema bombycis, illus.
Jafri, R. H.; Khan, K. M. S.; and Iqbal, R., 1978, Pakistan J. Zool., v. 10 (2), 294-297
Nosema bombycis in Bombyx mori, development, histopathology, impact on sericulture: Pakistan and Azad Kashmir
Nosema bombycis
Knell, J. D.; and Zam, S. G., 1978, J. Invert. Path., v. 31 (3), 281-288
Nosema spp., double immunodiffusion techniques used to investigate taxonomic relationships between 6 different microsporidian isolates

Nosema carpocapsae Palmot
Simchuk, P. A.; and Sikura, A. I., 1978, Entom. Obozr., v. 57 (3), 490-499
Nosema carpocapsae, importance in regulating populations of Laspeyresia pomonella: Moldavia; Ukraine; Belorussia; RSFSR


Nosema chironomi Lutz et Splendore, 1908, illus.

Nosema coccinellae Lipa, 1968, illus.
role of pathogens and parasites in survival of Coccinellidae spp. during winter
Coccinella septempunctata
Adalia bipunctata
Coccinella quinquepunctata
Exochomus quadripustulatus
all from Poland

Nosema connori, illus.
Shadduck, J. A.; Kelsoe, G.; and Helmke, R. J., 1979, J. Parasitol., v. 65 (1), 185-188
microsporidia spontaneously contaminating cell culture prepared from baboon placental cells, ultrastructurally identical to Encephalitozoon cuniculi and different from Nosema connori

Nosema costelytrae Hall, Oliver and Given
Miln, A. J., 1978, N. Zealand Entom., v. 6 (4), 392-399
Costelytra zealandica: New Zealand

Nosema (syn. Encephalitozoon) cuniculi
Nosema cuniculi, Alopex lagopus, clinical signs of nosematosis in litter after artificial insemination and intrauterine injection of Nosema spores, possibility of transmission from male during mating

Nosema diplolomop sp. n., illus.
Shigina, N. G.; and Grobov, O. P., 1972, Parazitologiya, Leningrad, v. 6 (5), 468-475
hyperparasite of metacercariae found in eyes of fish
Diplolomomum (parenchyma): salmon farm "Skhodnina", Moskovsk obstal

Nosema echinostomi Brumpt, 1922, illus.
Echinostomatidae: Rake Dolgoe

Nosema eurytremae
Nosema eurytremae, pathogenicity to Fasciola hepatica in Lymnaea trunculata

Nosema eurytremae, illus.
Higby, G. C.; et al., 1979, Parasitology, v. 78 (2), 155-170
Nosema eurytremae derived from trematode larvae, propagation in abnormal (insect) hosts and in tissue culture
Locusta migratoria
Periplaneta americana
Pieris brassicae
Spodoptera exempta
S. frugiperda
(all exper.)

Nosema eurytremae
Nosema eurytremae in Pieris brassicae (exper.), microinjection procedure for large-scale production of minimally contaminated spores

Nosema fumiferanae
Nosema fumiferanae, feeding additional microsporidian spores to naturally infected Choristoneura fumiferana enhances adverse effects

Nosema fumiferanae
Nosema fumiferanae, Pleistophora schubergi, incidence of infection in spruce budworm (Choristoneura fumiferana) 1 and 2 years after application of microsporidian spores to trees: Ontario

Nosema fumiferanae
feeding of Pleistophora schubergi to Choristoneura fumiferana naturally infected with Nosema fumiferanae results in greater adverse effects on budworms than either parasite alone, may play useful role in biological control

Nosema fumiferanae
Nosema fumiferanae in Choristoneura fumiferana, increase of incidence rates over six-year period: Uxbridge Forest of Southern Ontario

Nosema fumiferanae
Nosema fumiferanae, Pleistophora schubergi, control of Choristoneura fumiferana by spraying spruce and balsam fir trees with spores: Ontario

Nosema heliophthisidis, illus.
Brooks, W. M.; Cranford, J. D.; and Pearce, L. W., 1978, J. Invert. Path., v. 31 (2), 239-245
Nosema heliophthisidis, benomyl, at concentrations tested, not effective in eliminating infection in Heliothis zea in laboratory colonies, but definitely deleterious to microsporidium, potential should be further evaluated
Nosema heliothidis (Lutz and Splendor)
Nosema heliothidis and Vairimorpha necatrix, susceptibility of selected insect pests, spore dose levels necessary to obtain LD<sub>50</sub> in selected host age levels Heliothis zea
H. virescens
Trichoplusia ni
Galleria mellonella
(all exper.)

Nosema hollolthidis
Thompson, A. C.; and Sikorowski, P. P., 1979, Comp. Biochem. and Physiol., v. 63A (3), 325-328
Nosema hollolthidis, effects on fatty and amino acids in infected Heliothis zea larvae and pupae

Nosema hermanniae n. sp., illus.
Hermannia gibba: München (Ebersberger Forst; Grafrath)

Nosema hermanniae
Purrini, K.; Bukva, V.; and Baeumler, W., 1979, Pedobiologia, v. 19 (5), 329-339
Hermannia gibba (Nephrozyten in Caeca, Fettzellen): Nadelwaldbestanden in Suddeutschland

Nosema kingi
Nosema kingi in Drosophila willistoni, transmission by either parent to offspring during copulation, more offspring became infected when copulation was delayed 2 weeks after infection of parent

Nosema locustae Canning
Ewen, A. B.; and Mukerji, M. K., 1979, Canad. Entom., v. 111 (8), 973-974
Nosema locustae, susceptibility of 5 grasshopper species to field applications, degree of infestation, pathogen overwintering: near Biggar, Saskatchewan
Melanoplus sanguinipes
M. packardi
M. infantalis
Camnula pellucida
Aeropedellus clavatus

Nosema locustae Canning
Nosema locustae spores for control of grasshoppers, 2 methods of application compared, application of spores on wheat bran was significantly better in reducing grasshopper densities than application in ultra low volume aqueous spray

Nosema locustae Canning
Nosema locustae, adult Apis mellifera not susceptible, safe to use Nosema locustae in biological control of pest insects

Nosema locustae Canning
Mussgnug, G. L.; and Henry, J. E., 1979, Acrida, v. 8 (2), 77-81
Nosema locustae, compatibility with malathion for term control of Melanoplus sanguinipes

Nosema lunatum Kellen et al., 1967
as syn. of Amblyospora californica (Kellen and Lipa, 1960) comb. n.

Nosema lymantriae (Weiser), illus.
Nosema lymantriae in Lymantria dispar, ultrastructural data on intracellular development, possible method of penetration into host cell nucleus, potential of parasites in control of forest pests

Nosema micrococcus (Leger et Hesse, 1921) Weiser, 1961, illus.

Nosema necatrix
Nosema necatrix, in vivo propagation in Trichoplusia ni or Heliothis zea, effect of inoculum, temperature, and host type and age

Nosema necatrix
Nosema spp., double immunodiffusion techniques used to investigate taxonomic relationships between 6 different microsporidian isolates
"... Nosema necatrix isolates 942, 954, and 960 and Nosema plodiae ... should be considered members of the genus Vairimorpha."

Nosema necatrix Kramer 1965
Pilley, B. M., 1976, J. Invert. Path., v. 28 (2), 177-183
as syn. of Vairimorpha necatrix (Kramer, 1965) [n. comb.]


Nosema orthocladii Coste-Mathiez et Manier, illus.
Loubes, C., 1979, J. Protozool., v. 26 (2), 200-208
Microsporida, synaptonemal complexes demonstrated in 6 genera but not in Nosema, implications for life cycles Orthocladius sp.: environs de Montpellier

Nosema parkeri, illus.
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.)
Nosema pilicornis sp. n., illus.
Nosema pilicornis sp. n. in Schizocerella pilicornis. Transovarial transmission, high mortality in infected larvae; affects performance of S. pilicornis as biological control agent
Schizocerella pilicornis (nat. and exper.): Champignol, Collinsville, and areas around Chicago, Illinois; Stanford, Florida
Heliomnis sea (exper.)
Spodoptera frugiperda (exper.)
Diacrisia virginica (exper.)
Autographa precationis (exper.)

Nosema plodiae
Nosema spp., double immunodiffusion techniques used to investigate taxonomic relationships between 6 different microsporidian isolates
"... Nosema necatrix isolates 942, 954, and 960 and Nosema plodiae... should be considered members of the genus Vairimorpha."

Nosema ptyctimae, illus.
Purriini, K.; Bukva, V.; and Baeumler, W., 1979, Pedobiologia, v. 19 (9), 529-539
Rhyssotritus ardua (freien Nephrozyten): Nadelwaldbestanden in Suddeutschland

Nosema pyrausta
Hill, R. E.; and Gary, W. J., 1979, Environment. Entom., v. 8 (1), 91-96
Nosema pyrausta in field populations of Ostrinia nubilalis, incidence and development: Nebraska

Nosema pyrausta (Palliot 1927), Kotlan 1928
Lewis, L. C., 1978, Canad. Entom., v. 110 (9), 897-900
Nosema pyrausta in Ostrinia nubilalis, infection did not significantly decrease ability of larvae to migrate, transmission via contaminated frass, reduced larval populations

Nosema pyrausta
Nosema pyrausta, foliar application for suppression of European corn borer (Ostrinia nubilalis)

Nosema pyrausta Paillot
Lublinhof, J.; Lewis, L. C. and Berry, E. C., 1979, J. Econ. Entom., v. 72 (6), 880-883
Nosema pyrausta integrated with insecticides for control of Ostrinia nubilalis, European corn borer

Nosema rhionicae sp. n., illus.
Cercaria rhonica VIII (parenchymal cells): reservoirs in valley of Rioni river, Western Caucasus

Nosema takapauensis Hall, Oliver and Given
Miln, A. J., 1978, New Zealand Entom., v. 6 (4), 392-399
Mattesia sp. and Nosema takapauensis in Costelytra zealandica, incidence among larvae, seasonal distribution, growth and development of diseased larvae, mortality, transmission by soil: New Zealand

Nosema tenebrioides
Tenebrioides mauretanicus: Kosova-Gebietes, Jugoslawien

Nosema termitis Kudo 1943
brief description
Macrotermes estereae: Waltair, India

Nosema tritoni Weiser, 1960, illus.
description
Triturus vulgaris (podkozni pojivo): CSSR

Nosema veliae Poisson, 1929
Syn.: Thelohania veliae of Weiser, 1961

Nosema whitei
Nosema whitei-infected Tribolium castaneum, growth and mortality when fed vitamin B-complete vs. -deficient diets

Nosema whitei
Nosema whitei-infected Tribolium castaneum, reduced body weight, slow rate of pupation

Nosema whitei
Nosema whitei, effects on fecundity of Tribolium castanum when exposed before mating, after mating, and as larvae

Nosema whitei
Armstrong, E., 1979, Ztschr. Parasitenk., v. 59 (1), 27-29
Nosema whitei-infected Tribolium castaneum, relationship between body weight gains and food consumption

Nosema whitei
Listoy, M. V., 1977, Entom. Obozr., v. 56 (4), 731-735
Nosema whitei, Adelina tribolii in Tribolium destructor (nat. and exper.) and T. confusion (exper.), % mortality, effect on metamorphosis, destruction of host fat body causes hormone imbalance

Nosema whitei
Octosporea muscaedomesticae, Nosema algerae, N. whitei, effect of lyophilization on infectivity of spores
Nosema xiphidiaercariae [lapsus p. 361 for N. xiphidiocercariae sp. n.]

Nosema xiphidiocercariae sp. n., illus.

Nosema simocephali n. sp., illus.

Nosema simocephali designates cells of the germ ball and embryo of cercariae and parenchymal cells of sporocysts, cercariae, and metacercariae (nat. and exper.): lake Dolgoe, Leningradsk oblast

Nosema zavreli Weiser, 1946, illus.

Nosematosis

nosematosis, bees, fumagillin had good therapeutic effect, metronidazole, sulfadiazine and enteroseptol showed no substantial effect

Nosemoides Vinckier, 1975
Loubes, C.; and Akbarieh, M., 1977, Ztschr. Parasitenk., v. 54 (2), 125-137
valid genus, diagnosis expanded, systematic position within Apansporoblastina

Nosemoides simocephali n. sp., illus.
Loubes, C.; and Akbarieh, M., 1977, Ztschr. Parasitenk., v. 54 (2), 125-137
Nosemoides simocephali n. sp., ultrastructural study, vegetative phase, sporogony Simoccephalus vutulus (cellules intestinales)

Novyella
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
avian Plasmodium spp. of 4 subgenera, list of type material in Garnham Collection of Wellcome Museum of Medical Science; neotypes designated

Nuttallia
Krylov, M. V., 1971, Parazitologiia, Leningrad, v. 5 (3), 201-208
Piroplasmida, distribution in different host groups and zoogeographic regions, speculations on phylogeny

Nuttallia
Krylov, M. V.; and Krykova, A. M., 1971, Parazitologiia, Leningrad, v. 6 (6), 493-505
Piroplasmida, analysis of host specificity

Nuttallia danii
Nuttallia danii, development within Hyalomma anatolicum excavatum salivary glands held in organ culture in vitro

Nuttallia emberizica sp. n., illus.
Emberiza bruniceps (erythrocytes)

Nuttallia frugilegica sp. n., illus.
Cervus frugilegus (erythrocytes)

Nuttallia kazachstanica sp. n., illus.
Galerida cristata (erythrocytes): Southern Kazakhstan

Nuttallia krylovi sp. n., illus.
Upupa epops (erythrocytes): Muiunkumy desert

Nuttallia mujunkumica sp. n., illus.
Passer indicus (erythrocytes): Muiunkumy desert

Nuttallia musculi Muratov, 1966, illus.
Krylov, M. V.; Kostenko, L. A.; and Snigirevskaiia, E. S., 1973, Parazitologiia, Leningrad, v. 7 (6), 481-484
Nuttallia musculi, trophozoites, merozoites, fine structure; bacteria-like bodies often found in cytoplasm

Nuttallia musculi Muratov, 1966
Nadyrov, S. A.; and Nishanbaeva, N., 1972, Parazitologiia, Leningrad, v. 6 (1), 16-18
Nuttallia musculi in white mice (exper.), dynamics of parasitemia

Nuttallia ninense Yakimoff, 1909
Hemicchinus auritus all from southern Turkmenistan

Nuttallia rustica sp. n., illus.
Hirundo rustica (erythrocytes)

Nycteria
principal taxonomic characters

Nycteria erardi n. sp., illus.
Nycteris arge (foie, sang): Makokou (Gabon)

Nycteria gabonensis sp. n., illus.
Nycteris arge (foie, sang): Belinga (Gabon)

Nycteria houni n. sp., illus.
Nycteris nana (foie, sang): Bengoue (Gabon)

Nycteria krampitzi n. sp., illus.
Syn.: Hepaticystis sp. Landau, 1973 pro parte
Rhinolophus sp. (foie, sang): Meya (Congo Brazzaville)

Nycteria medusiformis Garnham et Heisch, 1953, illus.
description
Nycteris grandis (foie, sang): Makokou (Gabon)
Nyctotheroides Grasse, 1928
includes subgenera: Spiroperistomatus subgen. n.; Sigmaperistomatus subgen. n.; Adunciperistentomatus subgen. n.; Nyctotheroides; Rectiperistomatus subgen. n.

Nyctotheroides
subgen. of Nyctotheroides
tod of subgen.: N. (N.) cordiformis (Ehrenberg, 1838) Grasse, 1928

Nyctotheroides Grasse, 1928
Nyctotheroides, synopsis of Brazilian species, review of recent work

Nyctotheroides Grasse, 1928
Nyctotheroides, synopsis of Brazilian species, subgenus Nyctotheroides, review of recent work

Nyctotheroides Grasse, 1928
Nyctotheroides, synopsis of Brazilian species, subgenus Nyctotheroides, review of recent work

Nyctotheroides sp.
Aparasphenodon brunoi
Hyla cuspidata
all from Recreio dos Bandeirantes, Lagoinha das Taxas, na cidade do Rio de Janeiro, Estado da Guanabara, Brasil

Nyctotheroides africanus (Castellani, 1905) comb. n.

Nyctotheroides amarali (Carini, 1933) comb. n.

Nyctotheroides (Rectiperistomatus) amarali (Carini, 1933) Amaro & Sena, 1967

Nyctotheroides (Rectiperistomatus) amaranus (Carini, 1933) Amaro & Sena, 1967, illus.
Syn.: Nyctotherus amaranus Carini, 1933

Nyctotheroides amphisaenae (Carini, 1939) comb. n.

Nyctotheroides (Rectiperistomatus) amphisaenae (Carini, 1939) Amaro & Sena, 1967


Nyctotheroides bertarelli (Carini, 1939) comb. n.

Nyctotheroides breviceps (Uttangi, 1957) comb. n.

Nyctotheroides bufonis (Uttangi, 1957) comb. n.

Nyctotheroides (Nyctotheroides) bufonis (Uttangi, 1957) Amaro & Sena, 1967

Nyctotheroides cacopusi (Uttangi, 1951) comb. n.

Nyctotheroides (Rectiperistomatus) cacopusi (Uttangi, 1951) Amaro & Sena, 1967

Nyctotheroides ceratophris (Carini, 1940) comb. n.

Nyctotheroides (Nyctotheroides) ceratophris (Carini, 1940) Amaro & Sena, 1967

Nyctotheroides cinctus (Carini, 1939) comb. n.

Nyctotheroides cochlearis (Uttangi, 1948) comb. n.

Nyctotheroides coralli (Carini, 1933) comb. n.

Nyctotheroides (Rectiperistomatus) coralli (Carini, 1933) Amaro & Sena, 1967 (tad of subg.)
Syn.: Nyctotherus coralli Carini, 1933


Nyctotheroides gaudichaudi [? i. e. crossodactyl-] (Carini, 1939) comb. n. Amaro, A.; and Sena, S., 1967, Atas Soc. Biol. Rio de Janeiro, v. 10 (6), 129-131


Nyctotheroides (Nyctotheroides) incertus (Carini, 1939) Amaro & Sena, 1967

Nyctotheroides jaegeri (Carini, 1933) comb. n.

Nyctotheroides (Rectiperistomatus) jaegeri (Carini, 1933) Amaro & Sena, 1967
Syn.: Nyctotherus jaegeri Carini, 1933

Nyctotheroides kalli (Uttangi, 1951) comb. n.

Nyctotheroides kempi (Ghosh, 1921) comb. n.

Nyctotheroides leidyi sp. n., illus.
Crossodactylus gaudichaudii (intestino grosso); Silvestre, Rio de Janeiro, Estado da Guanabara, Brasil

Nyctotheroides (Nyctotheroides) leidyi Amaro & Sena, 1967

Nyctotheroides limnocharis (Uttangi, 1957) comb. n.

Nyctotheroides (Nyctotheroides) limnocharis (Uttangi, 1957) Amaro & Sena, 1967

Nyctotheroides loricatus (Carini, 1939) comb. n.

Nyctotheroides (Nyctotheroides) loricatus (Carini, 1939) Amaro & Sena, 1967

Nyctotheroides macropharyngeus (Bezzenberger, 1904) comb. n.

Nyctotheroides (Spiroperistomatus) macropharyngeus (Bezzenberger, 1904) Amaro & Sena, 1967
(tod of subgen.)

Nyctotheroides magnus (Bezzenberger, 1904) comb. n.

Nyctotheroides (Aduncuperistomatus) magnus (Bezzenberger, 1904) Amaro & Sena, 1967

Nyctotheroides magnus malabarica (Mello, 1932) comb. n.

Nyctotheroides (Aduncuperistomatus) neivai (Ota, 1945) Amaro & Sena, 1967

Nyctotheroides mazzai (Jorg, 1930) comb. n.

Nyctotheroides mogyanus (Carini, 1939) comb. n.

Nyctotheroides (Nyctotheroides) mogyanus (Carini, 1939) Amaro & Sena, 1967

Nyctotheroides multispioriferus (Walker, 1909) comb. n.

Nyctotheroides (Aduncuperistomatus) munkingensis (Nie, 1932) comb. n.

Nyctotheroides neivai (Otamendi, 1945) comb. n.

Nyctotheroides (Rectiperistomatus) neivai (Otamendi, 1945) Amaro & Sena, 1967

Nyctotheroides ondinae (Carini, 1939) comb. n.

Nyctotheroides ophidiae (Fantham & Porter, 1950) comb. n.

Nyctotheroides (Aduncuperistomatus) ophidiae (Fantham & Porter, 1950) Amaro & Sena, 1967

Nyctotheroides oswaldoi (Carini, 1939) comb. n.

Nyctotheroides paludicolae (Carini, 1940) comb. n.
Nyctotheroides (Rectiperistomatus) paludicolae
(Carini, 1940) Amaro & Sena, 1967
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides (Rectiperistomatus) paludicolae
(Carini, 1940) Amaro & Sena, 1967, illus.
Rio de Janeiro, v. 12 (3), 105-107
Syn.: Nyctotherus paludicolae Carini, 1940

Nyctotheroides panesthiae (Yamasaki, 1939) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides pangasia (Tripathi, 1954) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides papillatus (Dobell, 1910) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides parvus (Walker, 1909) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides paulistanus (Carini, 1939) comb. n.
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides (Rectiperistomatus) paulistanus
(Carini, 1939) Amaro & Sena, 1967
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides (Rectiperistomatus) paulistanus
(Carini, 1939) Amaro & Sena, 1967, illus.
Rio de Janeiro, v. 12 (3), 105-107
Syn.: Nyctotherus paulistanus Carini, 1939

Sadok, I. A., 1979, Exp. Parasitol., v. 48 (2), 239-244
Nyctotheroides puytoraci, stimulation of encystment in Bufo regularis injected with urine of patients with rheumatoid arthritis, may be new biological test organism for detecting abnormalities in tryptophan metabolism of humans

Nyctotheroides pyriformis (Nie, 1932) comb. n.
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides reniformis (Bhatta & Gulati, 1927) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides rhinocrici (Mello, 1954) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides ruber (Carini, 1939) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides (Nyctotheroides) ruber (Carini, 1939) Amaro & Sena, 1967
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides spirostomatus sp. n., illus.
Rio de Janeiro, v. 11 (5), 175-176
Bufo crucifer (intestino grosso): Boca do Rio, Salvador, Estado da Bahia, Brasil

Nyctotheroides spirostomatus Amaro & Sena, 1968, illus.
Rio de Janeiro, v. 13 (1-2), 27-28
description
Leptodactylus ocellatus (intestino grosso (regiao cecal)): Bairro de Maruípe, Vitoria, Espirito Santo, Brasil

Nyctotheroides spirostomatus Amaro & Sena, 1968, illus.
Rio de Janeiro, v. 11 (5), 191-192
Leptodactylus ocellatus (intestino grosso): Manguinhos, Rio de Janeiro, Estado da Guanabara, Brasil

Nyctotheroides (Sigmaperistomatus) spirostomatus
Amaro & Sena, 1968, illus.
Rio de Janeiro, v. 12 (1), 21-25

Nyctotheroides systoma (Uttangi, 1957) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides (Nyctotheroides) systoma (Uttangi, 1957) Amaro & Sena, 1967
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides tejeraei (Pinto, 1926) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides (Aduncuperistomatus) tejeraei
(Pinto, 1926) Amaro & Sena, 1967 (tod of subgen.)
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides tieteaneus (Carini, 1939) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides (Rectiperistomatus) tieteaneus
(Carini, 1939) Amaro & Sena, 1967
Rio de Janeiro, v. 11 (4), 137-139

Nyctotheroides (Rectiperistomatus) tieteaneus
(Carini, 1939) Amaro & Sena, 1967, illus.
Rio de Janeiro, v. 12 (3), 105-107
Syn.: Nyctotherus tieteaneus Carini, 1939

Nyctotheroides tipulae (Grasse, 1928) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides trachysauri (Johnston, 1932) comb. n.
Rio de Janeiro, v. 10 (6), 129-131

Nyctotheroides (Sigmaperistomatus) trachysauri
(Johnston, 1932) Amaro & Sena, 1967
Rio de Janeiro, v. 11 (4), 137-139
Nyctotheroides travassosi (Cunha & Pinto, 1927) comb. n.

Nyctotheroides untanha (Carini, 1940) comb. n.

Nyctotheroides (Nyctotheroides) untanha (Carini, 1940) Amaro & Sena, 1967

Nyctotheroides vesiculatus (Boisson, 1957) comb. n.

Nyctotheroides (Nyctotheroides) vesiculatus (Boisson, 1957) Amaro & Sena, 1967

Nyctotheroides viannai (Pinto, 1926) comb. n.

Nyctotheroides (Nyctotheroides) viannai (Pinto, 1926) Amaro & Sena, 1967

Nyctotheroides (Rectiperistomatus) viannai (Pinto, 1926) Amaro & Sena, 1967, illus.
Syn.: Nyctotherus viannai Pinto, 1926

Nyctotheroides vorax (Carini, 1939) comb. n.

Nyctotheroides vulgaris (Carini, 1939) comb. n.

Nyctotheroides woodi (Amrein, 1952) comb. n.

Nyctotherus Leidy, 1849
Nyctotherus, provisional list of species

Nyctotherus Leidy, 1849
includes subgenera: Recurviperistomatus subg. n.; Curviperistomatus subg. n.; Nyctotherus

Nyctotherus
subgen. of Nyctotherus

Nyctotherus Leidy, 1849
Nyctotherus, synopsis of Brazilian species, review of recent work

Nyctotherus
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
diagnostic characters
key to Indian species

Nyctotherus amarali Carini, 1933
as syn. of Nyctotheroides (Rectiperistomatus) amarali (Carini, 1933) Amaro & Sena, 1967

Nyctotherus amphisbaenae Carini, 1939
as syn. of Nyctotheroides (Rectiperistomatus) amphisbaenae (Carini, 1939) Amaro & Sena, 1967

Nyctotherus (Curviperistomatus) barberoii Schouten, 1954

Nyctotherus (Nyctotherus) befasyi Tuzet & Manier, 1958

Nyctotherus (Recurviperistomatus) beltrani Hegner, 1940

Nyctotherus (Curviperistomatus) boipeveae Carini, 1933

Nyctotherus breviceps n. sp., illus.
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Rana breviceps (intestine): Dharwar, Bombay Karnatak

Nyctotherus bufonis n. sp., illus.
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Bufo melanostictus (rectum): Dharwar, Bombay Karnatak

Nyctotherus (Nyctotherus) buissoni Pinto, 1926

Nyctotherus (Recurviperistomatus) cheni Wichterman, 1934

Nyctotherus (Nyctotherus) congoi Tuzet, 1958

Nyctotherus coralli Carini, 1939
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Bufo coralli Carini, 1939
key
Bufo coralli Carini, 1939

Nyctotherus (Nyctotherus) coralli Carini, 1939
as syn. of Nyctotheroides (Rectiperistomatus) coralli (Carini, 1939) Amaro & Sena, 1967
Nyctotherus cordiformis (Ehrenberg, 1831)
Frandsen, F., 1974, Acta Parasitol. Polon., v. 22 (1-11), 49-66
Rana esculenta
Bufo bufo
R. arvalis
R. temporaria
(rectum of all): all from Denmark

Nyctotherus cordiformis Stein
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Rana curtipes
R. breviceps
all from Dharwar, Bombay Karnatak

Nyctotherus cordiformis
Nyctotherus cordiformis, developed polytene chromosomes in macronuclear anlage, ultra-structure

Nyctotherus cordiformis Stein
1859, illus.
description
Bombina bombina
B. variegata
Bufo bufo
Pelobates fuscus
Rana esculenta
R. arvalis
R. ridibunda
all from CSSR

Nyctotherus cordiformis var. hylae Stein
1859
as syn. of N. hylae Surowiak, 1937

Nyctotherus curtipes n. sp., illus.
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Rana curtipes (rectum): Castle-rock, Dharwar, Bombay Karnatak

Nyctotherus (Nyctotherus) diplopoadae Karandikar & Rodgi, 1956

Nyctotherus (Curviperistomatus) gamarrai
Schouten, 1937

Nyctotherus (Curviperistomatus) gongylorrhux Karandikar & Rodgi, 1956

Nyctotherus (Nyctotherus) hormeticae Carini, 1957

Nyctotherus (Nyctotherus) hoyai Tuzet & Theorides, 1956

Nyctotherus hylae Rosenberg, 1937
as syn. of N. hylae Surowiak, 1937

Nyctotherus hylae Surowiak, 1937, illus.
synonymy, description
Hyla arborea
Pelobates fuscus
(strevo of all): all from CSSR

Nyctotherus (Curviperistomatus) inflatus Tuzet & Manier, 1958

Nyctotherus (Curviperistomatus) jaboti Carini, 1938, illus.

Nyctotherus jaegeri Carini, 1933
as syn. of Nyctotheroides (Rectiperistomatus) jaegeri (Carini, 1933) Amaro & Sena, 1967

Nyctotherus limnocharis n. sp., illus.
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Rana limnocharis (rectal contents): Dharwar, Bombay Karnatak

Nyctotherus macropharyngeus Bezenberger
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Rana curtipes
R. verrucosa
R. breviceps
all from Dharwar, Bombay Karnatak

Nyctotherus (Nyctotherus) madagascarri Tuzet & Manier, 1954

Nyctotherus magnus Bezenberger
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (43), 50-64
key
Rana limnocharis
R. cyanophlyctis
R. curtipes
R. breviceps
all from Dharwar, Bombay Karnatak

Nyctotherus (Nyctotherus) mandrakii Tuzet & Manier, 1954

Nyctotherus (Nyctotherus) mandonii Tuzet, Manier & Vogeli-Zuber, 1952

Nyctotherus (Curviperistomatus) neocurtilliae Carini, 1937
Nyctotherus (Curviperistomatus) ochoteranai
Schouten, 1937 (tod of subgen.)

Nyctotherus (Curviperistomatus) osmodermae
Zeliff, 1933

Nyctotherus (Nyctotherus) ovalis Leidy, 1849

Nyctotherus ovalis
parasitic protozoa, mixture of polyvinyl alcohol and Bouin's solution found to be satisfactory fixative and adhesive for smears, smears may be stored dry prior to staining with little apparent damage to protozoa

Nyctotherus paludicolae Carini, 1940
as syn. of Nyctotheroides (Rectiperistomatus) paludicolae (Carini, 1940) Amaro & Sena, 1967

Nyctotherus paulistanus Carini, 1939
as syn. of Nyctotheroides (Rectiperistomatus) paulistanus (Carini, 1939) Amaro & Sena, 1967

Nyctotherus (Recurviperistomatus) pintoi Carini, 1933, illus.

Nyctotherus (Nyctotherus) silvestrianus Kirby, 1932

Nyctotherus (Recurviperistomatus) sokoloffi
Schouten, 1940

Nyctotherus systoma n. sp., illus.
Uttangi, J. C., 1958, J. Univ. Bombay, n. s., v. 26 (5), Sect. B (45), 50-84
key Uperodon systoma (rectum): Dharwar, Bombay Karnatak

Nyctotherus (Recurviperistomatus) teleacus
Geiman & Wichterman, 1937

Nyctotherus (Nyctotherus) termitis Dobell, 1910

Nyctotherus (Nyctotherus) thyropygus Karandikar & Rodgi, 1956

Nyctotherus tieteanus Carini, 1939
as syn. of Nyctotheroides (Rectiperistomatus) tieteanus (Carini, 1939) Amaro & Sena, 1967

Nyctotherus (Recurviperistomatus) uianchoi
Kidder, 1937 (tod of subg.)

Nyctotherus (Nyctotherus) velox Leidy, 1849
(tod of subgen.)

Nyctotherus viannai Pinto, 1926
as syn. of Nyctotheroides (Rectiperistomatus) viannai (Pinto, 1926) Amaro & Sena, 1967
as syn. of Spiroumucrurus elegans Lavier (1936)

Octomitus dujardini Dobell (1909)
as syn. of Hexamita intestinalis Dujardin, 1841

Octomitus intestinalis Jirovec (1953)
as syn. of Hexamita intestinalis Dujardin, 1841

Octomitus muris, illus.
Tumka, A. F., 1972, Parazitologia, Leningrad, v. 6 (3), 222-228
Lambia muris, Trichomonas muris, Octomitus muris, localization in white mice exposed to x-irradiation

Octomitus neglecta Lavier, 1936, illus.
description
Syn.: Syndiomita neglecta Lavier (1936)
Bombina bombina
B. variegata
Bufo bufo
B. viridis
B. calamita
Pelobates fuscus
Hyla arborea
Rana esculenta
R. temporaria
R. dalmatina
all from CSSR

Octospora chironomi Weiser, 1943, illus.

Octospora effeminans Bulnheim & Vavra, 1968, illus.
Octospora effeminans and Thelohania hereditaria in Gammarus duebeni duebeni, feminizing influence exerted on host's offspring by parasites, role of salinity and temperature on sex determination by parasites
Gammarus duebeni duebeni: Federal Republic of Germany; Finland; Sweden; Denmark;
France
G. duebeni celticus: France

Octospora muscaedomesticae
Octospora muscaedomesticae, Nosema algerae, N. whitei, effect of lyophilization on infectivity of spores

Octospora prococilioi n. sp.
Porcellio laevis (cells of haemocoeic fluid): Visakhapatnam (Andhra Pradesh, India)

Opalinia Purkinje & Valentijn, 1835
Opalinidae
includes: Opalinia; Nipponica subgen. n.; Angusta subgen. n.

Opalinia
subgen. of Opalinia
Type sp.: Opalinia (O.) ranarum (Ehrenberg, 1831) Purkinje & Valentijn, 1835

Opalinia Purkinje & Valentijn, 1835
Opalininae
key to subgenera, key

Opalinia
subgen. of Opalinia, key

Opalinia Purkinje & Valentijn, 1835
Opalinia, subgenus Angusta, synopsis of Brazilian species

Opalinia Purkinje & Valentijn, 1835
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Opalininae

Opalinia antilliensis Metcalf, 1914
Opalinia, subgenus Angusta, synopsis of Brazilian species

Opalinia (Opalinia) asiatica Metcalf, 1923

Opalinia brasiliensis Pinto, 1918
as syn. of Zelleriella (Z.) antilliensis (Metcalf, 1914) Metcalf, 1923

Opalinia (Opalinia) asiatica Metcalf, 1923

Opalinia (Nipponica) camerunensis Metcalf, 1923

Opalinia (Nipponica) cancrivara Boisson, 1957

Opalinia (Opalinia) cincta Corlin, 1913

Opalinia (Nipponica) coracoidea Bezzenberger, 1904
Opalina (Nipponica) coracoidea lahorensis Bhatia & Gulati, 1927

Opalina (Nipponica) draytonii Metcalf, 1923

Opalina (Angusta) elongata Carini, 1937
key

Opalina (Angusta) faber Carini, 1937
key

Opalina (Opalina) gigantea Metcalf, 1923

Opalina (Nipponica) japonica Sugiyama, 1920
(tod of subgen.), illus.

Opalina (Nipponica) japonica dharwarensis Uttangi, 1953

Opalina (Nipponica) japonica jaevensis Metcalf, 1940

Opalina (Angusta) nebulosa Carini, 1937
key

Opalina (Angusta) obtrigona Stein, 1864 (tod of subgen.), illus.

Opalina (Nipponica) panamensis Metcalf, 1923

Opalina paulistina Pinto, 1926
as syn. of Zelleriella paulistina (Pinto, 1926) comb. n.

Opalina (Opalina) raddei Metcalf, 1923

Opalina (Angusta) radiana Carini, 1937
key

Opalina (Opalina) ranarum (Ehrenberg, 1831)
Purkinje & Valentin, 1835 (tod of subg.), illus.

Opalina ranarum, illus.
Opalina ranarum in Rana ribidunda, use as biological test animals for detecting carcinogenic tryptophan metabolites

Opalina ranarum (Ehrenberg, 1831)
Frandsen, F., 1974, Acta Parasitol. Polon., v. 22 (1-11), 49-66
Rana arvalis
R. dalmatina
Bufo bufo
Rana temporaria
Bufo viridis
B. calamita
(Rectum of all): all from Denmark

Opalina ranarum Purkinje et Valentin, 1835, illus.
description
Bombina bombina
B. variegata
Bufo bufo
B. viridis
B. calamita
Pelobates fuscus
Hyla arborea
Rana esculenta
R. temporaria
R. dalmatina
R. ridibunda
all from CSSR

Opalina (Opalina) ranarum arvalis Metcalf, 1923

Opalina (Opalina) ranarum cinctoidea Metcalf, 1923

Opalina (Opalina) ranarum lata Metcalf, 1923

Opalina (Opalina) ranarum latouchii Liu, 1958

Opalina (Opalina) ranarum orbiculata Metcalf, 1940

Opalina (Opalina) ranarum parvipalmatae Metcalf, 1923

Opalina (Opalina) ranarum smithi Metcalf, 1923

Opalina (Opalina) ranarum truncata Metcalf, 1923
Opalinata Sandon, 1976
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Opalinids, taxonomy and problems of identification, factors of zoogeographical distribution (Metcalf's land bridges, continental drift and anuran dispersal)
includes: Opalinata

Opalinata Corliss & Balamuth, 1963
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Opalinata
includes: Opalinida

Opalinida Poche, 1913
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Opalinata
includes: Opalinidae

Opalinidae Claus, 1874
key to subfamilies

[Opalinidae] opalinideos
[Opalinidae], paratypes of species in Metcalf collection deposited in American Museum of Natural History: United States

[Opalinidae] opalinideos
list of recent species

Opalinidae Claus, 1874
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Opalinida
includes: Protoopalininiae; Hegnerielina [sic]; Opalininae

Opalininae Metcalf, 1920
Opalinidae
key to genera, key

Opalininae Claus, 1874
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Opalinidae
includes: Opalininae

Opalinopsidae
key

Opalinopsis Foetttinger
key

Ophioidina Mingazzini, 1891
as syn. of Lecudina Mingazzini, 1891

Ochterebius Schuberg and Kunze, 1906

Ochterebius cruizi Carini and Pinto, 1950

Ochterebius herpobdellae Schuberg and Kunze, 1906

Ochterophrya Cepede
key

Orientalis subgen. n.
subgen. of Protoopalina,
type sp.: Protoopalina (Orientalis) montana Metcalf, 1923

Orientalis
subgen. of Protoopalina, key

Ovalis subgen. n.
subgen. of Protoopalina,
type sp.: Protoopalina (Ovalis) ovoidea Metcalf, 1923

Ovalis
subgen. of Protoopalina, key

Ovoplasma orientale Marzinowsky & Bogrow, 1904
as syn. of Leishmania tropica (Wright, 1903)
Luehe, 1906
intestinal eugregarines of Brachyura, distribution among hosts confirms validity of new classification system for hosts

intestinal eugregarines of Brachyura, distribution among hosts confirms validity of new classification system for hosts

Paradistigmoides bangalorensis sp. nov., illus.
Mesocyclops leuckarti: Botanical Gardens Lal-Bagh, Bangalore, India (Karnataka)

Paradistigmatices kenensis g. n., sp. n. (mt), illus.
Mesocyclops crassus
Microcyclops varicans
(body cavity of all): all from bays of river Tsavo, Tsavo National Park, Kenya

Paradistigmatices kenensis Mich. et Wita, illus.
Microcyclops varicans

Parahistomonas wenrichi
Fine, P. E. M., 1979, J. Parasitol., v. 65 (2), 320-321
Heterakis gallinarum, egg output of Parahistomonas wenrichi-infected and uninfected strains, difference not statistically significant

Paramarteilia gen. nov.
Ginsburger-Vogel, T.; and Desportes, I., 1979, J. Protozool., v. 26 (3), 390-403
Marteilliidae
mt: P. orchestrae sp. n.

Paramarteilia orchestrae sp. n. (mt), illus.
Ginsburger-Vogel, T.; and Desportes, I., 1979, J. Protozool., v. 26 (3), 390-403
ultrastructure of sporulation
Orchestia gammarea (tous les tissus a l'exception l'epithelium digestif et du systeme nerveux): Estuaire de la Penze (Nord-Finistere, France)

Paramoeba sp., illus.
Paramoeba sp. in Callinectes sapidus, rate of infection during and after peak periods of crab mortality: Chincoteague Bay, Virginia

Paramoeba caudata
Rodriguez, O. N.; et al., 1975, Folia Vet., v. 19 (1-2), 249-255
Anaplasma marginale, Paramoeba caudata, antigenic differences determined by passive hemagglutination and hemagglutination inhibition test

Parastasia coelomae, illus.

Parastasia cyclops, illus.
Parastasia kieviensis sp. n., illus.
Parastasia kieviensis sp. n., developmental cycle
Eucyclops serrulatus
E. macruroides
Acanthocyclops viridis
(intestine of all): all from fishery ponds in environs of Kiev (Sovki), Ukraine

Parastasia norvegica, illus.
Parastasia ucrainica sp. n., illus.
Acanthocyclops viridis
Eucyclops serrulatus
(gut of both): both from Sovki fishery ponds in environs of Kiev (Ukraine)

Parastasiella naupliorum Mich.
Mesocyclops leuckarti: water body of Botanical Gardens, Brisbane and Melbourne, Australia

Parastasiella ovorum, illus.
Parastasiella tardiva sp. n., illus.
Acanthocyclops vernalis: Lithuanian SSR

Parastasiella vastans Michajlow, 1966
Eucyclops macruroides

Parastasiella velox Mich., illus.
Parathelohania Codreanu, 1966
Theholanidae fam. n., key

Parathelohania, undescribed species, illus.
Hazard, E. I.; et al., 1979, J. Parasitol., v. 65 (1), 117-122
Amblyospora, meiotic configurations and synaptonemal complexes, Parathelohania, synaptonemal complexes; implications in life cycles
Anopheles bradleyi

Parathelohania anomala (Sen, 1941) Hazard and Anthony, 1974
Synonymy

Parathelohania anophelis (Kudo)
Hazard, E. I.; et al., 1979, J. Parasitol., v. 65 (1), 117-122
Amblyospora, meiotic configurations and synaptonemal complexes, Parathelohania, synaptonemal complexes; implications in life cycles
Anopheles quadrimaculatus

Parathelohania barra (Pillai, 1968) comb. n.
Syn.: Theholohania barra Pillai, 1968

Parathelohania chagrasensis sp. n., illus.
Aedeomyia squamipennis (adipose tissue): Chagras River, Canal Zone

Parathelohania illinoisensis (Kudo, 1921)
Hazard and Anthony, 1974, illus.
Synonymy

Parathelohania indic a (Kudo, 1929) Hazard and Anthony, 1974
Synonymy

Parathelohania legeri: Simmers, 1974
as syn. of Parathelohania illinoisensis (Kudo, 1921) Hazard and Anthony, 1974

Parathelohania legeri (Hesse, 1904) Codreanu, 1966
Synonymy

Parathelohania legeri (Hesse, 1904) Hazard et Anthony, 1974
Kilochitskii, P. Ia., 1977, Vestnik Zool., 71-75
Anopheles maculipennis
A. byrcanus
all from southern Ukraine

Parathelohania obesa (Kudo)
Hazard, E. I.; et al., 1979, J. Parasitol., v. 65 (1), 117-122
Amblyospora, meiotic configurations and synaptonemal complexes, Parathelohania, synaptonemal complexes; implications in life cycles
Anopheles crucians

Parathelohania schmidti (Kudo, 1930) Hazard and Anthony, 1974
Synonymy

Parathelohania viridis (Kudo, 1921) Hazard and Anthony, 1974
Synonymy
Parathelohania ohesa (Kudo, 1924) Hazard and Anthony, 1974, illus.
synonymy, description

Parathelohania obscura (Kudo, 1929) Hazard and Anthony, 1974
synonymy

Parathelohania octolagenella Hazard and Anthony, 1974, illus.
description

Parathelohania opacita: Simmers, 1974
as syn. of Amylospora opacita (Kudo, 1922) comb. n.

Parathelohania periculosa (Kellen and Wills, 1962) Hazard and Anthony, 1974
synonymy

trichodinids endoparasitic in fishes, survey of literature records together with some new observations
Syn.: Trichodina alburni Vojtek, 1957 Alburnus alburnus: Tisa river, Hungary

Paratrichodina degiustii n. sp., illus.
trichodinids endoparasitic in fishes, survey of literature records together with some new observations
Notropis heterodon (urinary bladder and ureters): vicinity of Detroit, Michigan

trichodinids endoparasitic in fishes, survey of literature records together with some new observations
Phoxinus phoxinus: vicinity of Prague, Czechoslovakia

Paucinucleata subgen. n.
subgen. of Cepedea
type sp.: Cepedea (Paucinucleata) lanceolata (Bezzenberger, 1904) Metcalf, 1923

Paucinucleata
subgen. of Cepedea, key

Pectenita gen. n.
Hymenostomatida, Tetrahymenina, Entodiscidae fam. n.
tod: P. golikowi sp. n.

Pectenita golikowi gen. et sp. n. (tod), illus.
Plectropecten yessoensis (intestine): sublittoral lagoon of Ussoe, north Sakhalin; Veso peninsula, north Kunashiri

Pegmatheca gen. n.
Thelohaniidae fam. n., key
tod: P. simulii sp. n.

Pegmatheca simulii sp. n. (tod), illus.
Simulium tuberum (adipose tissue): Hatchet Creek on Waldo Road, near Gainesville, Florida, U.S.A.

Pentatrichomonas hominis
Engbaek, K., 1978, Ugeskr. Laeger, v. 140 (1), 14-17
Giardia lamblia and other intestinal parasites of children in day-nurseries and kindergartens, incidence, clinical symptoms, management: Denmark

Pentatrichomonas hominis
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Pentatrichomonas hominis (Davaine), illus.
Warton, A.; and Honigberg, B. M., 1979, J. Protozool., v. 26 (1), 56-62
Hypotrichomonas acosta, Trichomonas vaginalis, Pentatrichomonas hominis, Trichromonas foetus, scanning electron microscopy

Pentatrichomonas intestinalis, illus.
Harvey, J., 1973, Saguena Med., v. 20 (3), 146-156
parasitic flagellates, life cycle, infection in man, clinical signs, therapy, brief review

Peranemidae Klebs (Hollande)
key to genera, parasitic species
includes: Dinemia; Dinema; Paradinema; Dinemula; Mononema

Perezia nelsoni (Sprague, 1950) comb. n.
Vivares, C. P.; and Sprague, V., 1979, J. Invert. Path., v. 33 (1), 40-52
Syn.: Ameson nelsoni (Sprague, 1950) Sprague, 1977

Perkinsia class n.
Levine, N. D., 1978, J. Parasitol., v. 64 (3), 549
includes: Perkinsida ord. n.
Perkinsida ord. n.
Levine, N. D., 1978, J. Parasitol., v. 64 (3), 549
Perkinsidae class n.
includes: Perkinsidae fam. n.

Perkinsidae fam. n.
Levine, N. D., 1978, J. Parasitol., v. 64 (3), 549
Perkinsida ord. n.
includes: Perkinsus gen. n.

Perkinsus gen. n.
Levine, N. D., 1978, J. Parasitol., v. 64 (3), 549
Perkinsidae fam. n.
tod: P. marinus (Mackin, Owen, and Collier, 1950) comb. n.

Perkinsus marinus (Mackin, Owen, and Collier, 1950) comb. n. (tod)
Levine, N. D., 1978, J. Parasitol., v. 64 (3), 549

Petalomonas parasitica sp. n., illus.
Eucyclops serrulatus: water reservoir, Ranganathittu bird preserve, near Mysore, India

Phyronomantis subgen. n.
subgen. of Cepedea
Type sp.: Cepedea (Phyronomantis) phyromantis Metcalf, 1925

Phyronomantis
subgen. of Cepedea, key

Phytomonas davidi
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Phytomonas davidi
hemoflagellate protozoa, method for isolation of maxicircle component of kinetoplast DNA

Pileocephalus heerii Koelliker, illus.
description

Pileocephalus hovassei, n. sp., illus.
Limnophilus sp.: Auvergne (bras herbeux de l'Allier a Joze; etang de Saint-Jean-d'Heurs; lac d'Aydat)

Pileocephalus sinensis Schneider, illus.
description

Pileocephalus gen. n.
Theholanidae fam. n., key
tod: P. fishi sp. n.

Pileocephalus chapmani sp. n., illus.
Aedes triseriatus (adipose tissue, in head, and sixth abdominal segment): near Lake Charles, Louisiana, U.S.A.

Pileocephalus fishi sp. n. (tod), illus.
Wyeomyia vanduzeei (adipose tissue): near Vero Beach, Florida, U.S.A.

Pileocephalus fishi Hazard and Oldacre, 1975
Pileocephalus fishi in Wyeomyia vanduzeei, greater mortality of female than male mosquitoes, incidence too low to affect size of mosquito population: near Vero Beach, Florida

Piroplasms bigeminum
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

Piroplasma canis
Piroplasma canis, dogs, clinical pathology, particular reference to haemogram

Piroplasma donovani Laveran & Mesnil, 1905
as syn. of Leishmania donovani (Laveran & Mesnil, 1903) Ross, 1903

Piroplasma jakimovi
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

Piroplasma ovis
piroplasms, sheep, pure and mixed infections: Turkmenia

Piroplasmida
Krylov, M. V., 1971, Parazitologija, Leninograd, v. 5 (3), 201-208
Piroplasmida, distribution in different host groups and zoogeographic regions, speculations on phylogeny

Piroplasmida
Krylov, M. V.; and Krylova, N. P., 1972, Parazitologija, Leninograd, v. 6 (6), 493-505
Piroplasmida, analysis of host specificity
Piroplasmosis
Dubovyi, S. Z.; et al., 1977, Veterinariia, Moskva (3), 71-72
babesiosis, piroplasmosis, cattle, dimidine as effective chemoprophylaxis under pasture conditions with presence of vector, Boophilus calcarius, comparison with azidine

Piroplasmosis
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

Piroplasmosis
piroplasmosis, berenil, cattle, control of Boophilus calcaratus with chlorophos

Piroplasmosis
parasitoses of farm animals, potential effects of soil and water improvement programs

Piroplasmosis
Rakhimov, T. Kh.; et al., 1977, Veterinariia, Moskva (10), 75-77
piroplasmosis, francaiellosis, cattle, dimidine and imidocarb tested in various doses, recommended for control

Piroplasmosis
Valiev, B., 1977, Veterinariia, Moskva (10), 21-22
piroplasmosis, cattle, control, elimination of tick vectors: Ishtykhansk region, Samarkands oblast

Piroplasmosis
Vulchovski, Ia.; et al., 1977, Vet. Shirka, v. 75 (5), 26-29
tick control important in prophylaxis of piroplasmosis under range conditions: Bulgaria

Piroplasmosis
Zhiliaev, E. A., 1977, Veterinariia, Moskva (7), 57-59
piroplasmosis, reindeer, Ixodes persulcatus found in insignificant numbers and only in summer, need to consider other possible vectors: Khabarovsk Krai

Plasmodium
Besson, P.; et al., 1976, Rev. Franc. Transfus. et Immuno-Hematol., v. 19 (2), 369-373
human malaria, case reports of infection from blood transfusions, recommendations that the immunofluorescence test be used along with other methods of screening potential donors

Plasmodium
Plasmodium, numerical taxonomy, 3 methods of cluster analysis used to build hierarchical classification of 33 members of genus

Plasmodium
Brown, K. N., 1974, Ciba Found. Symp., n.s. (25), 35-51
antigenic variation and immunity to malaria, review

Plasmodium
malaria, immunity, review

Plasmodium
Trypanosoma, Plasmodium, Babesia, antigenic variation (nature, consequences for protective immunity, possible implications for other protozoan infections), colloquium presentation

Plasmodium
malaria, mechanisms of acquired immunity to erythrocytic stage, symposium presentation

Plasmodium
malaria, prospects for immunization, review

Plasmodium
malaria, piroplasmosis, and endotoxin, brief review of recent work

Plasmodium
Dei Cas, E.; et al., 1979, Ann. Parasitol., v. 54 (5), 567-570
Plasmodium, diagnosis, advantages of Errecart's modified technique for making thick blood films

Plasmodium
malaria, experimental approaches to study of acquired immunity, review

Plasmodium
Dymowska, Z., 1975, Przegl. Epidemiol., v. 29 (1), 65-68
malaria, human, diagnosis, brief review
Plasmodium
human malaria, screening blood donors for possible latent Plasmodium carriers, immunofluorescence test, suggested prophylactic measures

Plasmodium
Plasmodium, quick and easy method to determine sporozoite index in vector mosquitoes

Plasmodium
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
avian Plasmodium spp. of 4 subgenera, list of type material in Garnham Collection of Wellcome Museum of Medical Science; neotypes designated

Plasmodium
identification of economically important parasites (use of anatomical, biochemical, and behavioral tests), brief review

Plasmodium
biochemistry of parasitic protozoa, textbook: methodology; catabolism and generation of energy; nucleic acid metabolism; protein metabolism; lipid metabolism; biochemical mechanism of drug action; isolation of parasitic protozoa from infected animals; culture of parasitic protozoa

Plasmodium
immunopathology of malaria, extensive review, symposium presentation

Plasmodium
Jiang, J. and Weir, 3.

Plasmodium
malaria, newborn infants and young children living in stable hypoendemic area, evaluation of antimalarial antibody titers using Plasmodium berghei as antigen: Abidjan dispensary, Ivory Coast

Plasmodium
Lumsden, W. H. R., 1978, Current Topics Microbiol. and Immunol., v. 80, 37-64
effective and ineffective immune responses to parasites, evidence from experimental models, review with emphasis on malaria and trypanosomiasis

Plasmodium
Toxoplasma gondii, Plasmodium, young school children living in 2 areas of different phases of an antimalarial control program, survey for presence of malaria and toxoplasmosis antibodies using the indirect fluorescent antibody test: Burma

Plasmodium
Trigg, P. I., 1978, Methods Cultiv. Parasites in Vitro, 89-110
Plasmodium, cultivation, review

Plasmodium
Varun, F.; and Ecker, A., 1977, Therap. Hungar., v. 28 (4), 131-133
malaria, humans travelling to endemic areas, drug prophylaxis, comparative study, least unwanted side effects and lowest morbidity rate recorded with pyrimethamine: Hungary

Plasmodium
malaria, serodiagnosis, review

Plasmodium
malaria, membrane pathobiology, review

Plasmodium
Watanabe, Y., 1975, Rinsho Fujin Pathol., v. 39 (5), 549-553
malaria, epidemic aspects, symposium presentation: failure of eradication programs; malaria in pregnancy; interaction between parasite and human erythrocyte

Plasmodium
circulating antigens of parasites, source, nature, fate, and possible effects on immune response, colloquium presentation

Plasmodium
Wright, I. G., 1979, Gen. Pharmacol., v. 10 (4), 319-325
Babesia, Plasmodium, Trypanosoma, kallikrein-kinin system, mechanisms of activation (parasite enzymes, immune complexes), role in hypotensive shock syndrome of infected animals, review
Plasmodium [sp.] 'tropiduri'-like plasmodium
Ayala, S. C.; Moreno, E.; and Bolanos, R., 1978, J. Parasitol., v. 64 (2), 330-335
Anolis limifrons
A. humilis
A. lionotus
all from 'La Selva' near Puerto Viejo, Heredia Province, Costa Rica

Plasmodium [sp.]
Corvus monedula
Turdus ericitorum
T. merula
all from Britain

Plasmodium [sp.]
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442
hematozoa of passeriforms, prevalence, effect of climate, application of insecticide, and large-scale environmental alteration
Melospiza georgiana
M. lincolnnii
M. melodia
Passerella sandwichensis
Zonotrichia albicoalis
Agelaius phoeniceus
Molothrus ater
Quiscalus quiscula
Dumetella carolinensis
Dendroica coronata
D. magnolia
D. pensylvanica
D. petechia
D. striata
Geothlypis trichas
Oporornis philadelphia
Setophaga ruticilla
Vermivora ruficapilla
Wilsonia pusilla
Catharus ustulatus
Turdus migratorius
Empidonax sp.
Tyrannus tyrannus
Vireo olivaceous
Colaptes auratus
Philo¯ hela minor
Catharus fuscescens
all from New Brunswick

Plasmodium spp.
discussion on environmental implications of water development for developing countries: possibility of decreased human parasitism by improving potable water and by reducing human contacts with vectors of water-borne or water-based infections, also possibility of spread of parasitism through development of irrigation canals

Plasmodium sp.
Alouatta fusca clamitans: Estado do Rio Grande do Sul, Brasil

Plasmodium sp.
Thecadactylus rapicauda (sangre): selva amazonica, Huanuco, Peru

Plasmodium [sp.]
Falco sparverius: Oklahoma

Plasmodium (Novellla) sp.
Phylloscopus trochilis: near Tring, Hertfordshire

Plasmodium sp.
Plasmodium spp., servicemen returning from Vietnam, relationships between chemoprophylaxis history and occurrence and timing of post-departure episodes of malaria: Iowa City VA Hospital

Plasmodium sp.
Pongo pygmaeus (blood): Southern Kalimantan (Indonesian Borneo)

Plasmodium species
Saurocytozoon tupinambi, study of initial infection in juvenile Tupinambis teguixin provides evidence that schizogonic cycle in circulating cells may occur, but identity of intralymphocytic asexual stages with this species cannot be established due to presence of concurrent infection by small Plasmodium species, if confirmed data would justify removing Saurocytozoon from Leucocytozoidae: Venezuela

Plasmodium sp.
Telford, S. R., jr., 1978, Internat. J. Parasitol., v. 8 (2), 139-144
Saurocytozoon tupinambi
Telford, S. R., jr., 1978, J. Parasitol., v. 64 (3), 553-554
Sceloporus poinsetti
Urosaurus inornatus
all from Texas

Plasmodium sp.
Telford, S. R.., jr., 1979, Ann. Parasitol., v. 54 (2), 129-144
synopsis; reported earlier as Plasmodium tropiduri
Anolis limifrons: central Panama
Plasmodium [spp.]
Williams, N. A.; and Bennett, G. F., 1978, Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Anas acuta: Maryland
Casmerodius albus: Maryland and/or New Jersey
Egretta thula: Maryland or New Jersey
Nycticorax nycticorax: New Jersey
Vireo olivaceus: Maryland and/or New Jersey
Corvus brachyrhynchos: Maryland
Cyanocitta cristata: Maryland and/or New Jersey
Cardinalis cardinalis: Maryland and/or New Jersey
Junco hyemalis: Maryland or New Jersey
Melospiza lincolni: Maryland or New Jersey
M. melodia: Maryland and/or New Jersey
Pipilo erythrophthalmus: Maryland and/or New Jersey
Spizella passerina: Maryland or New Jersey
S. pusilla: Maryland or New Jersey
Zonotrichia albicollis: Maryland or New Jersey
Hirundo rustica: Maryland or New Jersey
Riparia riparia: New Jersey
Agelaius phoeniceus: Maryland and/or New Jersey
Molothrus ater: Maryland or New Jersey
Quiscalus quiscula: Maryland and/or New Jersey
Sturnella magna: Maryland
Dumetella carolinensis: Maryland and/or New Jersey
Parus bicolor: Maryland or New Jersey
Geothlypis trichas: Maryland
Icteria virens: Maryland and/or New Jersey
Passer domesticus: " " " " " " Porzana carolinensis: Maryland
Calidris pusilla: " " " " " " Otus asio: Maryland
Sturnus vulgaris: Maryland and/or New Jersey
Piranga olivacea: Maryland
Catharus minimus: Maryland or New Jersey
C. ustulatus: Maryland and/or New Jersey
Hylocichla mustelina: Maryland and/or New Jersey
Sialia sialis: Maryland or New Jersey
Turdus migratorius: Maryland and/or New Jersey
Zenaida macroura: Maryland

Plasmodium [sp.]
Winchell, E. J., 1978, J. Parasitol., v. 64 (3), 558-559
Dendroica magnolia: El Salvador

Plasmodium sp., probably P. knowlesi
Presbytis obscura
P. melanophos
Macaca fascicularis
all from Jenderak Utara, Malaysia

Plasmodium (Giovannolaia) anasum Manwell and Kuntz, 1965
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
parahapantotype designated

Plasmodium aurulentum Telford, 1971
measurements
Thecadactylus rapicaudus (erythrocytes): Municipio Manrique and Araure, Venezuela

Plasmodium balli
Ayala, S. C.; Moreno, E.; and Bolanos, R., 1978, J. Parasitol., v. 64 (2), 330-335
Anolis limifrons
A. humilis
all from 'La Selva' near Puerto Viejo, Heredia Province, Costa Rica

Plasmodium balli, illus.
Anolis fuscoauratus (sangre): selva amazonica, Huanuco, Peru

Plasmodium basilisci
Ayala, S. C.; Moreno, E.; and Bolanos, R., 1978, J. Parasitol., v. 64 (2), 330-335
Basiliscus vittatus: 'La Selva' near Puerto Viejo, Heredia Province, Costa Rica

Plasmodium beebei new species, illus.
effects upon host cells
Conastos tainae (erythroblasts, proerythrocytes, erythrocytes, thrombocytes): Parque Nacional Henri Pittier (Rancho Grande), Estado Aragua, Venezuela

Plasmodium berghei
Plasmodium berghei, rats, selection of pyrhematin resistant strain by interrupted subcurative therapy (gradually increasing doses during serial passage); cross sensitivity to other antimalarials

Plasmodium berghei Vincke & Lips, illus.
Aikawa, M.; et al., 1979, J. Protozool., v. 26 (2), 273-279
Plasmodium spp., sporozoites before and after incubation in immune serum, freeze-fracture study, antibody-induced changes of pellicular membrane

Plasmodium berghei
Alving, C. R.; et al., 1979, Science (4411), v. 205, 1142-1144
Plasmodium berghei, mice, therapeutic effects of glycolipids in liposomes against sporozoite-induced malaria

Plasmodium berghei
Plasmodium berghei, ability of hyperimmune serum to neutralize infective inoculum, isolation and characterization of protective antibody, antibody combined mainly with free parasites and not with infected RBC

Plasmodium berghei
Autuori, M. J., 1979, Experientia, v. 35 (12), 1579-1580
Plasmodium berghei-infected mice, relationship between host erythrocyte mean cytoplasmic protein concentration, reticulocyte response, and percent parasitemia
Plasmodium berghei
Plasmodium berghei-infected mice, impaired traffic of lymphocytes as possible cause of immunsuppression in malaria, symposium presentation

Plasmodium berghei
Boopuncknavig, S.; et al., 1979, J. Trop. Med. and Hyg., v. 82 (4), 79-83
Plasmodium berghei, mice, treatment with carbon particles in attempt to block macrophages, alterations in immune response, immunopathology, and histology patterns

Plasmodium berghei
cryopreservation of parasitic protozoa

Plasmodium berghei
Boyer, J. M.; D'Antonio, L. E.; and Schiavone, W. A., 1979, Infect. and Immun., v. 25 (3), 805-809
Plasmodium berghei, isolation of lytic factor which induces hemolysis of erythrocytes of mice and hamsters, lipid composition, possible role in pathogenesis of malaria

Plasmodium berghei
immuno-electron microscopic applications of ferritin-tagging, review with brief mention of Plasmodium berghei and Trypanosoma brucei

Plasmodium berghei
Plasmodium berghei-infected mice, progressive depression in splenic T-cell population, abnormal T-cell migration

Plasmodium berghei, illus.
Plasmodium berghei, attachment and phagocytosis of parasites by peritoneal macrophages in vitro, merozoites but not trophozoites have antiphagocytic capsule (surface coat), antiphagocytic action of capsule is lost after reaction with immune serum

Plasmodium berghei
Buengener, W., 1979, Tropenmed. u. Parasitol., v. 30 (1), 24-36
Plasmodium berghei, course of infection in mice, invasion of immature and mature erythrocytes by merozoites

Plasmodium berghei
Buengener, W., 1979, Tropenmed. u. Parasitol., v. 30 (2), 198-205
Plasmodium spp. in mice, parasitization of mature vs. immature erythrocytes

Plasmodium berghei
Carroll, F. I.; et al., 1979, J. Med. Chem., v. 22 (6), 694-698
Plasmodium spp. in mice and rhesus monkeys, synthesis and antimalarial activity of some 4-substituted 8-amino-6-methoxyquinolines, 4-ethylprimaquine was approximately as active and was less toxic than primaquine

Plasmodium berghei
Plasmodium berghei, P. cynomolgi, experimental animals, resolution of antimalarial agents via complex formation with a-(2,4,5,7-tetra-nitro-9-fluorenylideneaminoxy)propionic acid, significant differences in toxicity

Plasmodium berghei
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphoglucuronate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium berghei
Chaimanee, P.; and Yuthavong, Y., 1979, Biochem. and Biophys. Research Commun., v. 87 (3), 953-959
Plasmodium berghei-infected mouse red cells, phosphorylation of membrane proteins, different pattern from normal membrane

Plasmodium (Vinckeia) berghei
Plasmodium (Vinckeia) spp., value of DNA studies employing buoyant density determinations and measurements of nucleotide sequence homology in systematics and identification

Plasmodium berghei
acute malaria and babesiosis, hypothesis that endotoxin (lipopolysaccharide) causes both the disease and the parasite death, experiments in mice

Plasmodium berghei
Coleman, M. B.; et al., 1979, J. Parasitol., v. 65 (2), 222-225
Plasmodium berghei, isolation of parasites by hemolysin lysis of infected erythrocytes, evidence for parasite-specific hexokinase

Plasmodium berghei
sporozoans, staining for nucleic acids

Plasmodium berghei
Plasmodium berghei and P. yoelii-vaccinated mice, manifestations of cell-mediated immunity

Plasmodium berghei
Danforth, H. D.; Orjih, A. U.; and Nussenzweig, R. S., [1979], J. Parasitol., v. 64 (6), 1978, 1125-1127
Plasmodium berghei, indirect immunofluorescent staining of exoerythrocytic schizonts in rat liver sections exposed to antisporozoite or anti-red blood cell serum, possible use in detecting early developmental stages in cell culture

Plasmodium berghei

Plasmodium berghei, indi...
Plasmodium berghei
Schistosoma intercalatum in Syrian hamsters, ultrastructural study of pathologic lesions (mainly mature egg granulomas) in liver; Schistosoma pigment compared with malaria pigment induced by infecting hamster with Plasmodium berghei

Plasmodium berghei
Donaldson, P.; et al., 1978, Stain Tech., v. 53 (4), 225-227
Plasmodium spp., diagnosis using borax methylene blue, spectroscopic and staining data

Plasmodium berghei
Plasmodium berghei-infected mice (exper.), vitamin E deficiency moderates severity of infection since premature, oxidant-induced hemolysis of infected erythrocytes prevents orderly parasite maturation, restoration of susceptibility to malaria by vitamin E supplementation, observations provide basis for selective advantage of G-6-PD deficiency in areas of endemic malaria

Plasmodium berghei
Plasmodium berghei may utilize host-cell NADPH for maintenance of parasite glutathione, these observations may elucidate both parasite-induced red cell oxidant damage and mechanism whereby glucose-6-phosphate dehydrogenase deficiency protects against fulminant malaria infection

Plasmodium berghei
Eling, W., 1978, Tropenmed. u. Parasitol., v. 29 (1), 77-84
Plasmodium berghei, mice, fading of immunity

Plasmodium berghei
Eling, W., 1978, Tropenmed. u. Parasitol., v. 29 (2), 204-209
Plasmodium berghei-immunized mice, parasite survival in relation to time and host strain

Plasmodium berghei
Plasmodium berghei-mouse model, immunization with living parasites as antigen, survival of parasites in immunized hosts, immunity and premunition, speculations on malaria immunity in man, symposium presentation

Plasmodium berghei
Eling, W. M. C., 1979, Exper. Parasitol., v. 47 (5), 403-409
Plasmodium berghei, mice, immunodepressive effect of antithymocyte serum on induction of immunity

Plasmodium berghei
Plasmodium berghei in mice, 6 different host strains compared, course of infection, mortality patterns, parasitemia, pathological changes, host genetic variation, implications for laboratory model studies

Plasmodium berghei
Eling, W.; et al., 1978, J. Med. Chem., v. 21 (10), 1059-1070
Plasmodium spp., in laboratory animals, thio-quinazoline analogues synthesized and tested under laboratory conditions showed substantial suppressive antimalarial and prophylactic activity when compared with reference compounds, analogues also retained potent antimalarial effects against strains resistant to common antimalarials; the most active compound, 2,4-diamo-6-[(a,a,a-trifluoro-m-toly)thio]quinazoline has been designated for preclinical toxicologic studies

Plasmodium berghei
Plasmodium berghei, undiminished mefloquine accumulation by erythrocytes infected with chloroquine-resistant strain provides explanation for superiority of mefloquine in treating chloroquine-resistant malaria, but competition observed between chloroquine and mefloquine raises possibility that same process of accumulation serves both drugs

Plasmodium berghei
Plasmodium berghei, evidence that erythrocyte surface components determine affinity with which chloroquine is accumulated and thereby determine whether or not the malaria parasite will be susceptible to the drug

Plasmodium berghei
Plasmodium berghei, mice, anti-plasmoidal activity of chloroquine does not appear to be associated with inhibition of erythrocytic glucose-6-phosphate dehydrogenase

Plasmodium berghei
Plasmodium berghei, successful cultivation in vitro of infective exoeerythrocytic schizonts in primary monolayer cultures of rat liver cells

Plasmodium berghei, illus.
Plasmodium berghei, successful method for obtaining suspensions of hepatocytes parasitized with viable infective exoeerythrocytic schizonts from donor rats originally infected with sporozoites
Plasmodium berghei


Plasmodium berghei, comparison of infected mice, cellular changes: differential counts of bone marrow, 3-day cultures of bone marrow, [3H]thymidine uptake by splenocytes and bone marrow cells, interaction of adherent and nonadherent splenic and bone marrow cells, symposium presentation

Plasmodium berghei


Plasmodium berghei, comparison of infected mice subjected to electric shock stimulation and infected controls showed that mice subjected to stress were more resistant to infection than were controls

Plasmodium berghei


Plasmodium berghei, delayed-type hypersensitivity to sheep erythrocytes was depressed during fatal P. berghei and self-limiting P. yoelii infections in mice, immunological lesion found to be at level of DTH expression (i.e., inflammatory response) rather than at level of T cell sensitization

Plasmodium berghei


Plasmodium berghei, P. yoelii, mice, numbers of 'background' plaque-forming cells secreting IgM specific for either sheep or horse erythrocytes elevated in spleens during infection or in spleens of uninfected mice injected with non-infectious extracts of parasitized mouse red blood cells, results provide corroborating evidence for hypothesis that B-cell mitogen is associated with blood stage of malaria parasites, possible involvement in immunosuppression

Plasmodium berghei

Freeman, R. R.; and Parish, C. R., 1978, Immunology, v. 35 (3), 479-484

Plasmodium, spleen cell changes during fatal P. berghei vs. those during self-limiting P. yoelii infections in mice, protective immunity is associated with marked and sustained increases in numbers of IgG and Thy-1-2+ spleen cells and in fatal infections these proliferative responses are apparently suppressed

Plasmodium berghei


Plasmodium berghei, comparison of infected mice subjected to electric shock stimulation and infected controls showed that mice subjected to stress were more resistant to infection than were controls

Plasmodium berghei


human malarias, systematic screening of all potential blood donors recommended using the indirect immunofluorescence test and Plasmodium berghei antigen

Plasmodium berghei


Plasmodium berghei, immunization of chloroquinized rats against sporozoites by bites of infected mosquitoes: influence of number of exposures to infected mosquitoes on antibody titers and protection; influence of exposure to different numbers of infective mosquitoes on antibody production and protection; specificity of antiplasmodial antibodies; influence of passive transfer of sera from rats immune to sporozoites or to erythrocytic forms on development of sporozoites, symposium presentation

Plasmodium berghei, illus.

Gorenflot, A.; et al., 1978, Ann. Pharm. Franc., v. 36 (5-6), 201-206

Plasmodium berghei, scanning electron microscopy, ionic etching of mouse erythrocytes using a cathodic evaporator permits visualization of parasitic penetration of erythrocyte membrane by invagination

Plasmodium berghei, illus.

Gorenflot, A.; et al., 1978, Ann. Pharm. Franc., v. 36 (7-8), 301-308

Plasmodium berghei-infected mouse erythrocytes, formation of myelin-like forms, light and scanning electron microscopy

Plasmodium berghei

Gorenflot, A.; et al., 1979, Ann. Pharm. Franc., v. 37 (7-8), 275-284

Plasmodium berghei, mice (exper.), cause-effect relationship between myelin-like form of erythrocytes and that of neutrophilic granulocytes or monocytes which have phagocytized pigment grains

Plasmodium berghei, illus.

Gorenflot, A.; and Piette, M., 1977, Ann. Pharm. Franc., v. 35 (9-10), 337-342

Plasmodium berghei-infected mice, changes in red blood cell morphology after penetration and intracellular development of parasite

Plasmodium berghei


Plasmodium berghei in inbred rats, macrophage-cytophilic antibody specific for malarial antigens, identification and characterization, demonstration of role in protection, acts synergistically with opsonizing antibody

Plasmodium berghei


malaria, speculation on use of adoptive immunity in vaccination, some experiments with Plasmodium berghei in hamsters, symposium presentation
Plasmodium berghei

Kinetoplastida spp., Plasmodium spp., conversion of dihydroorotate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Plasmodium berghei

Plasmodium berghei, partial separation of putative species-specific immunobiologically active antigen from soluble extract, symposium presentation

Plasmodium berghei

Plasmodium berghei, IgM and IgG antisporozoite antibodies in mice immunized with irradiation-attenuated sporozoites, detection by indirect fluorescent antibody test, correlation with protection, some cross-reaction with blood stage antigens but test should still prove useful

Plasmodium berghei

Heumann, A. M.; et al., 1979, Infect. and Immun., v. 24 (3), 829-836
Plasmodium berghei, high and low antibody responder lines of mice and their interline hybrids, antibody response induced by vaccination with irradiated parasitized erythrocytes, innate resistance and protective efficacy of vaccination, results indicate vaccination-induced immunity is essentially due to antibody response

Plasmodium berghei

Howard, R. J.; and Battye, F. L., 1979, Parasi- tology, v. 78 (3), 263-270
Plasmodium berghei, dye-labelling technique for sorting uninfected, singly infected, doubly infected, and more heavily infected red cells from mouse blood based on their DNA content

Plasmodium berghei

Howard, R. J.; Battye, F. L.; and Mitchell, G. F., 1979, J. Histochem. and Cytochem., v. 27 (1), 803-813
Plasmodium berghei-infected red blood cells analyzed and sorted by flow fluorimetry with the DNA-binding dye 35258 Hoechst, possible applications in biochemical and immunochemical analyses and in clinical diagnosis

Plasmodium berghei

Plasmodium berghei, uninfected cells separated from infected mouse blood were cleared more rapidly than normal mouse erythrocytes after injection into normal mice

Plasmodium berghei

Plasmodium berghei, removal of leucocytes from red cells in infected mouse blood, purification of schizont-infected cells

Plasmodium berghei

Plasmodium berghei, rats, serum opsonic activity, functional and immunochemical characteristics in vitro

Plasmodium berghei

Plasmodium berghei, neonate rats from normal or immune mothers receiving spleen cells from normal or immune mothers and fostered to normal or immune mothers in various combinations, results suggest that immune response was suppressed in presence of passively transferred maternal antibody

Plasmodium berghei

Plasmodium berghei, methods for obtaining radioactive labelled parasites during sporogony in Anopheles atroparvus (exp.), technique for study of relapse phenomena

Plasmodium berghei

Koontz, L. C.; et al., 1979, J. Med. Chem., v. 22 (8), 1005-1008
Plasmodium berghei, 3- and 5-aminoquinolines, potential antimalarials, synthesis, testing of some against Plasmodium berghei in mice, Leishmania donovani in hamsters, or P. cynomolgi in rhesus monkeys

Plasmodium berghei

Plasmodium berghei normal and chloroquine-resistant strains, mice, comparative study of hematology, parasitemia curves, and mortality rate
Plasmodium berghei
Plasmodium berghei-infected rats, serum urea and electrolyte levels

Plasmodium berghei
Leichik, R.; et al., 1979, Parasite Immunol., v. 1 (1), 61-78
Plasmodium yoelii- and P. berghei-infected mice and vaccinated mice challenged with homologous parasites, changes in phagocytic and adherent cell numbers, development and suppression of population of late-adhering macrophages

Plasmodium berghei
Plasmodium berghei, DEAE-cellulose column procedure for separation of sporozoites from infected mosquitoes, technique permits preparation of cleaner suspensions of sporozoites than any previously described procedure

Plasmodium berghei
Mack, S. R.; Vanderberg, J. P.; and Nawrot, R., 1978, J. Parasitol., v. 64 (3), 894-923
Plasmodium berghei, DEAE-cellulose column procedure for separation of sporozoites from infected mosquitoes, technique permits preparation of cleaner suspensions of sporozoites than any previously described procedure

Phasmodium berghei
McQuiston, T. E., 1979, Am. J. Trop. Med. and Hyg., v. 28 (1), 12-14
Plasmodium berghei, mice acclimated to 22°C or 5°C before infection, some treated with clofibrate and some briefly exposed to -35°C after infection, parasitemia and plasma free fatty acid levels

Plasmodium berghei
Maier, W. A.; and Piekarski, G., 1979, Immun. u. Infekt., v. 7 (3), 75-82
Malaria, adjuvant, antigen, diagnosis, indirect immunofluorescent test using Plasmodium berghei or P. falciparum as antigen

Plasmodium berghei, illus.
Plasmodium berghei, mice, phagocytosis of parasitized erythrocytes by mouse peritoneal macrophages, concluded that both humoral and cellular factors were important

Plasmodium berghei
Plasmodium berghei, rats under prophylactic treatment with various drug regimens, development of effective antimalarial immunity by natural bites of infected mosquitoes, symposium presentation

Plasmodium berghei
Michel, J. C.; Lagrange, P. H.; and Hurtrel, B., 1979, Parasite Immunol., v. 1 (4), 267-275
Plasmodium-infected mice, profound alteration of inductive phase of delayed-type hypersensitivity and antibody formation to sheep erythrocytes when sensitization with antigen was performed intravenously at critical time of disease but not after subcutaneous immunization, suggests major role for spleen in mechanism of immunodepression

Plasmodium berghei
Plasmodium berghei, Babesia rodhaini, mice, attempts to raise host-protective sera using variety of immunization manipulations (BCG injection, P. yoelii infection, others)

Plasmodium berghei
Plasmodium, Babesia, and Anthermosoma spp. in mouse erythrocytes, identification of enzymes of parasite origin using starch-gel electrophoresis

Plasmodium berghei
Plasmodium, Babesia and Anthermosoma spp., comparative study of glucose catabolism by infected mouse erythrocytes, glucose utilization and lactate production of parasites

Plasmodium berghei, illus.
Moser, G.; et al., 1978, J. Protozool., v. 25 (1), 119-124
Plasmodium berghei, P. knowlesi, P. cynomolgi, purification of sporozoites by passage through DEAE-cellulose column, retention of ability to produce infection, to induce protective immunity, and to react with known antiserum
Plasmodium berghei

Murphy, J. R., 1979, Infect. and Immun., v. 24 (3), 707-712
Plasmodium berghei, mice, analysis of mechanisms of immunity generated in response to immunization with formalin-killed blood-stage parasites

Plasmodium berghei

Murphy, J. R.; and Lefford, M. J., 1978, Infect. and Immun., v. 22 (3), 798-803
Plasmodium berghei, mice, induction of protracted state of immunity with formalin-killed blood parasite vaccine in combination with Corynebacterium parvum and/or living BCG

Plasmodium berghei

Murphy, J. R.; and Lefford, M. J., 1979, Am. J. Trop. Med. and Hyg., v. 28 (1), 4-11
Plasmodium berghei, mice, successful vaccination by using formalized blood parasites

Plasmodium berghei

Plasmodium berghei-mouse and P. knowlesi-rhesus monkeys systems, detection of stage and species specific antisporozoite antibodies with circumsporozoite precipitation and indirect immunofluorescence methods, preliminary application to P. falciparum in humans with similar results

Plasmodium berghei

Plasmodium gallinaceum, Plasmodium berghei, pyrimido[5,4-c]quinolines and derivatives, laboratory trials, inactive as antimalarials

Plasmodium berghei

Malaria, newborn infants and young children living in stable hypoendemic area, evaluation of antimalarial antibody titers using Plasmodium berghei as antigen: Abidjan dispensary, Ivory Coast

Plasmodium berghei

Orjih, A. U.; and Nussenzweig, R. S., 1979, Clin. and Exp. Immunol., v. 38 (1), 1-8
Plasmodium berghei, mice, suppression of antibody response to sporozoite stage by acute blood infection

Plasmodium berghei

Pacheco, N. D.; et al., 1979, J. Parasitol., v. 65 (3), 414-417
Plasmodium berghei, rapid large-scale isolations of sporozoites from infected mosquitoes, modification of discontinuous gradient technique

Plasmodium berghei

Palmer, T. T., 1978, J. Parasitol., v. 64 (3), 493-496
Plasmodium berghei, rats, effect of primary patent infection during pregnancy upon course of infection and humoral antibody response in offspring, passive transfer of protective antibody through milk, in utero sensitization by soluble malaria antigens may also exert protective effect

Plasmodium berghei

Plasmodium berghei 'NS lines' form distinct taxon within P. yoelii complex and should be referred to as P. yoelii subspecies on basis of isoenzyme, DNA, and cross-immunity relationships with other rodent Plasmodium spp.

Plasmodium berghei

Plasmodium berghei, reduced protective activity of immune spleen cells from completely cured rats if cells are transferred to rats which have been infected for 5-8 days before cell transfer

Plasmodium berghei

Plasmodium yoelii- or P. berghei-vaccinated mice, cell-mediated immunity in liver

Plasmodium berghei

Plasmodium yoelii- or P. berghei-vaccinated mice, cell-mediated immunity in liver

Plasmodium berghei

Playfair, J. H. L.; and De Souza, J. B., 1979, Parasite Immunol., v. 1 (3), 197-208
Plasmodium yoelii- or P. berghei-vaccinated mice, immunofluorescent antibody response with particular reference to antibody class and subclass, correlation with protection, passive transfer experiments, effect of macrophage stimulation and inhibition on antibody and on protection

Plasmodium berghei

Plasmodium berghei, mice, immunization, possible role of plasmodial antigens exposed on surface of infected reticulocytes in induction of protective immunity, observations on entry of parasites into red blood cells, symposium presentation

Plasmodium berghei

Plasmodium berghei, mice, formation of two types of immune complex (one with and one lacking plasmodial antigens) and their disposition in renal glomeruli, immune complexes lacking parasite antigen may be involved in secondary autoimmune (anti-smooth muscle) process, possible induction mechanism of autoantibodies, symposium presentation

Plasmodium berghei

Quinn, T. C.; and Wyler, D. J., 1979, J. Immunol., v. 123 (5), 2245-2249
Plasmodium berghei, rats, mechanisms of action of hyperimmune serum in mediating protective immunity
Plasmodium berghei
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Plasmodium berghei
Plasmodium berghei in chloroquine resistant white mice, results of treatment with combinations of proguanil and dapsone

Plasmodium berghei
Rest, J. R.; and Wright, D. H., 1979, J. Path., v. 127 (3), 115-120
Plasmodium berghei-infected Mesocricetus auratus, cerebral lesions, transmission and scanning electron microscopy, hypothesized that pathogenesis relates to immune complex formation

Plasmodium berghei
Roth, R. L.; and Herman, R., 1979, Exper. Parasitol., v. 47 (2), 169-179
Plasmodium berghei, correlation of in vitro erythropagocytosis with dynamics of early onset anemia and reticulocytosis in mice

Plasmodium berghei
malaria and Giemsa type blood stains, use of lower ratio azure B to methylene blue offers superior staining effects

Plasmodium berghei, illus.
Sano, M.; and Ishii, A., 1979, Experientia, v. 35 (4), 472-473
Schistosoma japonicum, schistosomal pigment, purification and histochemical characteristics, comparison with malarial (Plasmodium berghei) pigment

Plasmodium berghei
Sauvager, F.; and Fauconnier, B., 1978, Biomedicine Express, v. 29 (6), 184-187
Plasmodium berghei, mice, protective effect of endogenous interferon in mouse malaria demonstrated by increase in death rate and in % parasitized-erythrocytes in infected mice treated with anti-interferon globulins

Plasmodium berghei
Sawhney, S. N.; and Boykin, D. W., 1979, J. Pharm. Sc., v. 68 (4), 524-526
Plasmodium berghei, 1,9-Phenazine-bis(dialkylaminocarboxamides) synthesized and screened as potential antimalarials, no significant activity

Plasmodium berghei
Plasmodium falciparum in Aotus trivirgatus griseimembra and human volunteers, P. cynomolgi in Macaca mulatta, antimalarial activities of various 9-phenanthrenemethanols with special attention to WR-172,455 and WR-171,069, includes some [apparently unpublished] results of other workers for P. berghei and these same compounds

Plasmodium berghei
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, antimalarial activities of various 4-pyridinemethanols with special attention to WR-172,455 and WR-180,409, includes some [apparently unpublished] results of other workers for P. berghei and these same compounds

Plasmodium berghei
Plasmodium tropiduri, P. berghei, P. gallinaeum, intraerythrocytic stages, morphological and enzyme cytochemical observations on phagocytosis

Plasmodium berghei, illus.
Plasmodium berghei-infected erythrocytes, phagocytosis by macrophages from normal, infected, or immune mice, light and scanning electron microscopy

Plasmodium berghei
Plasmodium berghei, mice, activity of trichloronaphthalene amino alcohols

Plasmodium berghei
Sharma, O. P.; et al., 1978, Indian J. Exper. Biol., v. 16 (6), 665-667
Plasmodium berghei, mice, xanthine oxidase activity in liver

Plasmodium berghei
Sharma, O. P.; et al., 1979, Indian J. Med. Research, v. 69, 251-254
Plasmodium berghei, mice, effect of starvation, infection, and interactions between the two on lipid peroxide and protein levels of liver and spleen

Plasmodium berghei
Shear, H. L.; Nussenzweig, R. S.; and Bianco, C., 1979, J. Exper. Med., v. 149 (6), 1288-1298
Plasmodium berghei-infected mice, phagocytosis of erythrocytes by spleen macrophages appears to be mediated by Ig on surface; other indications of spleen macrophage activation; phagocytosis is inhibited later in infection by serum factors possibly immune complexes; high levels of anti-Forssman antibodies

Plasmodium berghei
Shetty, R. V.; and Blanton, C. D., jr., 1978, J. Med. Chem., v. 21 (9), 995-998
2-substituted primaquine analogues synthesized and evaluated in laboratory animals against Plasmodium berghei, P. cynomolgi, Trypanosoma rhodesiense, Leishmania donovani and Schistosoma mansoni; significant activity was observed against P. berghei and L. donovani

Plasmodium berghei
Smith, R. J.; and Aldini, L. P., 1978, J. Parasitol., v. 64 (5), 936-937
Plasmodium berghei, 17-X and NYU-2 strains, mice, immunosuppression using triamcinolone acetonide
Plasmodium berghei
Smrkovski, L. L.; and Strickland, G. T., 1978, J. Immunol., v. 121 (4), 1257-1261
Plasmodium berghei, mice, single or multiple immunizations with BCG and/or irradiated sporozoites (varying degrees of protection), immunization with irradiated sporozoites before BCG (suppression of protective immunity against sporozoite challenge)

Plasmodium berghei
Song, M.; and Di Luzio, N. R., 1979, Lysosomes Applied Biol. and Therap., v. 6, 533-547
yeast glucan and immunotherapy of infectious diseases, review including section on Plasmodium berghei

Plasmodium berghei, illus.
Sterling, C. R., 1978, J. Parasitol., v. 64 (4), 747-749
Plasmodium berghei, rapid method for concentrating and recovering spleen-derived schizont-infected erythrocytes

Plasmodium berghei
Strambachova-McBride, J.; and Micklem, H. S., 1979, Parasite Immunol., v. 1 (2), 141-157
Plasmodium berghei- and P. yoelii yoelii-infected mice, immunosuppression, secondary response to bovine serum albumin

Plasmodium berghei
Strambachova-McBride, J.; and Micklem, H. S., 1979, Immunology, v. 36 (3), 607-614
Plasmodium berghei, P. y. yoelii, mice, primary antibody response to immunogenic alum-adsorbed bovine serum albumin (BSA) was depressed and induction of immunological memory by soluble polymerized BSA was suppressed in both infections but neither interfered with induction of low-zone tolerance by monomeric BSA

Plasmodium berghei, illus.
Suzuki, M.; et al., 1979, Bull. World Health Organ., v. 57 (1), 129-132
Plasmodium berghei-parasitized rat erythrocytes, isolation by carrier-free electrophoresis

Plasmodium berghei
Plasmodium berghei-infected mice, sensitization to sheep red blood cells by subcutaneous vs. intravenous routes, difference in cell-mediated immune reaction in regional lymph nodes and spleen, results show difference between iv and sc sensitized mice in immunity depression by malaria

Plasmodium berghei, illus.
Terzakis, J. A.; et al., 1979, J. Protozool., v. 26 (3), 385-389
Plasmodium berghei, exoerythrocytic stages in rat liver, possible example of phagocytosis by Kupffer cells, electron microscopy

Plasmodium berghei
Verhave, J. P.; et al., 1978, J. Immunol., v. 121 (3), 1031-1033
Plasmodium berghei, transfer of protective immunity with lymphoid cells from mice immune to malaria sporozoites

Plasmodium berghei
Waki, S., 1976, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 25 (6), 441-446
Plasmodium berghei, mice, protective immunity induced by repeated infections followed by radical chemotherapy with sulfamonomethoxine

Plasmodium berghei
Plasmodium berghei, effect of some metabolic inhibitors upon chloroquine-induced pigment clumping

Plasmodium berghei
Plasmodium yoelii infection in mice followed by either one or repeated infections with P. berghei, induction of chronic malaria, course of parasitemia, fluctuations in reticulocyte levels, antibody titres, immunoglobulin deposition in tissues, changes in spleen and liver

Plasmodium berghei
Plasmodium berghei, infectivity and immuno-genicity, symposium presentation

Plasmodium berghei
Plasmodium berghei-infected mice, immune complexes in lungs, symposium presentation

Plasmodium berghei
Plasmodium berghei in splenectomized and/or spleen-transposed gerbils and rats, course of infection, histological findings in liver and spleen, specific arming of macrophages

Plasmodium berghei
Plasmodium berghei, lymphoblast transformation in rats convalescent for one week to one year from infections of varying intensities, symposium presentation

Plasmodium berghei
Wellde, B. T.; and Diggs, C. L., 1978, Exper. Parasitol., v. 44 (2), 197-201
Plasmodium berghei, mice, antiserum treatment of infections resulted in population of parasites with altered antiserum susceptibility and virulence

Plasmodium berghei
Plasmodium berghei, 6-[(aryloxy- and aryl-thio-methyl)-4-pteridinediamines and -pteridinediamine 8-oxides, synthesis for antimarial evaluation, none showed significant activity in trials with mice
Plasmodium berghei
Plasmodium gallinaceum, P. berghei, 6-[[aryl and aralkyl]amino][methyl]-2,4-pteridinediamines and -pteridinediamine 8-oxides, synthesized for antimalarial evaluation, laboratory trials with experimental animals

Plasmodium berghei
Wyler, D. J.; Oppenheim, J. J.; and Koontz, L. C., 1979, Infect. and Immum., v. 24 (1), 151-159
Plasmodium berghei, P. yoelii, mice, effects of infection on ability of adherent mononuclear cells to elaborate soluble mediators that regulate lymphocyte activation in vitro

Plasmodium berghei
Plasmodium berghei, histo- and immunopathology in 6 different mouse strains, symposium presentation

Plasmodium berghei
Plasmodium berghei berghei, differences between various isolates, assumed to be pleomorphic species, characteristics compared with P. b. killicki and P. b. yoelii

Plasmodium berghei berghei
Boonpucknavig, V.; Boonpucknavig, S.; and Bhamarapravati, N., 1979, Arch. Path. and Lab. Med., v. 103 (11), 567-572
Plasmodium berghei-infected mice treated with chloroquine phosphate, focal glomerulonephritis in hyperimmune state, clinical, immunopathologic, and histopathologic findings

Plasmodium berghei berghei
Endardj Med., v. 103 (11), 567-572
Plasmodium berghei-infected mice inoculated intraperitoneally, capacity of cyclophosphamide to suppress immune response and increase pathology attributed to suppressive effects of drug upon protein synthesis, cell division and activity of reticuloendothelial cells

Plasmodium berghei berghei
Plasmodium berghei berghei, erythrocytic forms inoculated into mouse embryos, development, reproduction, mice at birth had either no evidence of infection or had overwhelming parasitemia with extended period of parasite development

Plasmodium berghei berghei
Trypanosoma equiperdum, absence of transplacental passage in mice, comparison of similar results with congenital malaria in mice

Plasmodium berghei berghei, illus.
Plasmodium berghei berghei, pre-erythrocytic schizonts in liver of Thammomy's surdaster, presence of various respiratory enzymes demonstrated, light microscope histochemical techniques

Plasmodium berghei berghei
Plasmodium berghei berghei, pyrimethamine-resistant strain preserved at very low temperature for 11 years, maintained virulence but lost drug resistance, gametocytogenesis increased, cyclical transmission was successful, parasites crossed blood-brain barrier indicating this strain could serve as laboratory model for P. falciparum cerebral malaria

Plasmodium berghei berghei, illus.
Plasmodium berghei berghei, selection of a fully susceptible strain of Anopheles atroparvus, not possible to obtain a completely refractive strain, effect of reciprocal matings between susceptible and refractive strains and of backcrosses of F1 offspring with these strains on susceptibility

Plasmodium berghei berghei
Plasmodium berghei berghei, mice infected and maintained in hot ambient temperature undergo chronic infection whereas controls at laboratory temperature develop acute and lethal infection, the hot environmental temperature does not seem to affect the parasites' pathogenicity but to stimulate host immune defenses

Plasmodium berghei berghei, illus.
Plasmodium berghei berghei in mice maintained at high temperature (35°C), certain parasites (less than 30%) show atypical morphology (gigantism), amount of DNA is higher than in parasites from mice grown at 20-22°C, no evidence of relationship between increase in DNA and morphological modification

Plasmodium berghei berghei
Parbati, A.; and Cameron, J. S., 1979, Kidney Internat., v. 16 (1), 53-63
Plasmodium spp. exper. infections in mice, nephritis dependent upon deposition of immune complexes in the kidney accompanies acute infections
Plasmodium berghei berghei
Van Ros, G.; et al., 1972, Ann. Soc. Belge Med. Trop., v. 52 (6), 515-530
Plasmodium berghei berghei, inbred mouse strain partially resistant to infection, surveillance of hemoglobins and glucose-6-phosphate-dehydrogenase changes from 12th day of gestation to 3rd day after birth, no correlations with Plasmodium resistance

Plasmodium berghei berghei
Plasmodium berghei berghei, mice, action of pyrimethamine and sulphonamethoxine on pre-erythrocytic and sporogonous cycles

Plasmodium berghei berghei
Plasmodium berghei subspp.-infected mice, immunodepression

Plasmodium berghei killicki
Plasmodium berghei berghei, differences between various isolates, assumed to be pleomorphic species, characteristics compared with P.B. killicki and P.b. yoelii

Plasmodium berghei killicki Landau, Michel et Adam, 1968
Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis

Thannomys rutilus: Congo-Brazzaville

Plasmodium berghei yoelii
Plasmodium berghei berghei, differences between various isolates, assumed to be pleomorphic species, characteristics compared with P.B. killicki and P.b. yoelii

Plasmodium berghei yoelii
Plasmodium berghei yoelii, mice, antibodies and antigens studied by quantitative immuno-electrophoresis

Plasmodium berghei yoelii
Carroll, F. I.; et al., 1979, J. Med. Chem., v. 22 (6), 694-699
Plasmodium spp. in mice and rhesus monkeys, synthesis and antimalarial activity of some 4-substituted 8-amino-6-methoxyquinolines, 4-ethylprimaquine was approximately as active and was less toxic than primaquine

Plasmodium berghei yoelii
Hyman, B. C.; and MacInnis, A. J., 1979, J. Parasitol., v. 65 (3), 421-425
Plasmodium spp., rapid detection in blood smears by fluorescent microscopy with 4′6 diamidino-2-phenylindole; can also be used to stain Toxoplasma and microfilariae

Plasmodium berghei yoelii
Jayawardena, A. N.; et al., 1978, Immunology, v. 34 (1), 157-165
Plasmodium berghei yoelii (P. yoelii), mice, passive transfer of immunity with serum and cells

Plasmodium berghei yoelii Landau et Killick-Kendrick, 1966
Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis

Plasmodium berghei yoelii, illus.
Miller, F. W.; and Ilan, J., 1978, Parasitology, v. 77 (3), 345-365
Plasmodium berghei yoelii, isolation of ultra-structurally intact viable parasites free from detectable host ribosome contamination, isolation of ribosomes in high yield from these parasites, ribosomal RNA analysis

Plasmodium berghei yoelii
Parbati, A.; and Cameron, J. S., 1979, Kidney Internat., v. 16 (1), 53-63
Plasmodium spp., exper. infections in mice, nephritis dependent upon deposition of immune complexes in the kidney accompanies acute infections

Plasmodium berghei yoelii
Rane, D. S.; and Kinnamon, K. E., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 937-947
Uporozoite-induced Plasmodium berghei in mice, development of high volume tissue schizionicidal drug screen based upon mortality of infected mice

Plasmodium berghei yoelii
Plasmodium berghei yoelii, mice, plaque-forming cell assays used to reveal pattern of both total and antigen-specific splenic B lymphocyte activation and to define anti-erythrocytic autoimmune response, both responses shown to be T-cell dependent

Plasmodium berghei yoelii
Plasmodium berghei subspp.-infected mice, immunodepression

Plasmodium berghei yoelii
Weinbaum, F. I.; et al., 1978, J. Immunol., v. 121 (2), 629-636
Plasmodium berghei yoelii (substrain 17X nonlethal) in BALC/c mice, kinetics of various specific and nonspecific cellular and humoral responses during course of infection

Plasmodium brasilianum, illus.
Plasmodium brasilianum in pet Cebus capucinus (blood), case report, chloroquine, good results, public health implications: Cali Colombia, acquired from Catatumbo River region along Colombia-Venezuela border, South America
Plasmodium brasiliannum
malaria parasites of Brazilian monkeys, summary of survey done from 1964-1968 (hosts, vectors, environmental characteristics of areas covered, discussion on zoonotic potential)

Plasmodium brasiliannum
Alouatta belzebul: Estado do Para, Brasil

Plasmodium brasiliannum
Plasmodium brasiliannum, P. simium, Anopheles cruzi as vector in State of Sao Paulo and probably also in eastern and southern areas, A. neivai suspected as vector in Mauaas area: Brazil

Plasmodium brasiliannum, illus.
Alouatta sp., probably A. caraya (sangue): Parque Nacional do Xingu, Estado de Mato Grosso

Plasmodium brasiliannum
Alouatta caraya (sangue): Municipio de Monte do Carmo, vale do Rio Tocantins, Estado de Goias

Plasmodium brasiliannum
Callicebus moloch cupreus
Cebus apella macrocephalus
Saimiri sciureus
Cacajao rubicundus rubicundus
Alouatta seniculus seniculus
Lagothrix lagotricha poeppigii (sangue: Seringal Ouro, Serra Madureira)

Plasmodium brasiliannum
Callicebus moloch cupreus (sangue): Seringal Ouro, Serra Madureira

Plasmodium brasiliannum
Gonder & Berenberg-Gossler, 1908
Alouatta belzebul belzebul (sangue): Santa Luzia and Imperatriz, Estado do Maranhao, Brasil

Plasmodium (Haemamoeba) cathemerium Hartman, 1927
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
hechampontotype designated

Plasmodium cathemerium Hartman, 1927
Emberiza citrinella
Fringilla coelebs
(blood of all): all from central course of Ural river, Priural region, Ural oblast

Plasmodium cathemerium
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Plasmodium chabaudi
Buengener, W., 1979, Tropenmed. u. Parasitol., v. 30 (2), 198-205
Plasmodium spp. in mice, parasitization of mature vs. immature erythrocytes

Plasmodium chabaudi
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium (Vinckelia) chabaudi
Plasmodium (Vinckelia) spp., value of DNA studies employing buoyant density determinations and measurements of nucleotide sequence homology in systematics and identification

Plasmodium chabaudi, illus.
David, P. H.; et al., 1978, Proc. National Acad. Sc., v. 75 (10), 5081-5084
Plasmodium chabaudi, method of merozoite isolation: release of merozoites from schizonts bound to immobilized concanavalin A

Plasmodium chabaudi
Eugui, E. M.; and Allison, A. C., 1979, Parasitology, v. 79 (2), 267-275
Plasmodium, 3 murine spp., density-gradient centrifugation in metrizamide for separating uninfected erythrocytes from erythrocytes containing parasites in different developmental stages

Plasmodium chabaudi
Fabia, F.; et al., 1979, Ann. Parasitol., v. 54 (1), 1-10
Plasmodium chabaudi-infected mice, increase in sialic acids, neutral hexoses, and fucose on surface of red blood cells, coincides with reticulocytosis
Plasmodium chabaudi
Plasmodium chabaudi-infected mice (T-cell deprived, sham-thymectomized and normal), course of infection, comparison with P. yoelli; T-cell deprived mice with P. chabaudi (unlike P. yoelli) gave reactions similar to those of normal and sham-deprived mice indicating that this malaria model is not thymus dependent

Plasmodium chabaudi
McDonald, V.; and Phillips, R. S., 1978, Clin. and Exp. Immunol., v. 34 (2), 159-163
Plasmodium chabaudi-infected mice, increase in K cell activity in spleens, chicken red cells coated with antibody used as target cells

Plasmodium chabaudi
McDonald, V.; and Phillips, R. S., 1978, Immunology, v. 34 (5), 821-830
Plasmodium chabaudi, thymectomized mice more susceptible to infection than controls; adoptive transfer of immunity with enriched populations of spleen T and B lymphocytes

Plasmodium chabaudi
Rosario, V. E.; et al., 1978, Lancet, London (8057), v. 1, 185-187
Plasmodium chabaudi, infection of mice with mixtures of drug-resistant (pyrimethamine or chloroquine) and drug sensitive strains, resulting infections were maintained in absence of drugs with some persistence of resistant forms over sensitive forms

Plasmodium chabaudi
Thoongsuwan, S.; Cox, H. W.; and Patrick, R. A., [1979], J. Parasitol., v. 64 (6), 1978, 1050-1056
Trypanosoma lewisi, Babesia rodhaini, Plasmodium chabaudi, rats, acquired nonspecific resistance associated with recovery from various infectious anemias, association with immunoglobulin activity, infections also stimulated production of cold-active hemagglutinin

Plasmodium chabaudi
Thoongsuwan, S.; Cox, H. W.; and Patrick, R. A., [1979], J. Parasitol., v. 64 (6), 1978, 1060-1066
Plasmodium chabaudi, Babesia rodhaini, rats, serologic specificity of immunoglobulin associated with infectious anemia and its role in nonspecific acquired resistance

Plasmodium chabaudi
Thoongsuwan, S.; Cox, H. W.; and Rickman, W. J., 1979, J. Parasitol., v. 65 (3), 426-429
Plasmodium chabaudi, Babesia rodhaini, Trypanosoma lewisi, rats, presence of antibody to fibrinogen/fibrin products, association with cold-activated hemagglutinin and immunoglobulin, temporal relationships with anemia and parasitemia

Plasmodium chabaudi adami
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelli, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium chabaudi chabaudi
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelli, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium (Giovannolaia) circumflexum Kikuth, 1931
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
neohapantotype designated

Plasmodium circumflexum Kikuth, 1931
Phenicularus phoenicurus (blood): central course of Ural river, Priural region, Ural oblast

Plasmodium coatneyi
malaria, humans and monkeys (expers.), bleeding diathesis

Plasmodium (Novyla) columbae (Carini, 1912)
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
parahapantotype designated

Plasmodium (Garnhamella) coturnixae
Plasmodium coturnixae in Coturnix coturnix and C. coromendelica, host specificity, susceptibility factors, analysis of serum of susceptible and non-susceptible birds

Plasmodium cyclopsi n. sp., illus.
Hippobosideros cyclopis: Makokou (Gabon)

Plasmodium cynomolgi Mayer, illus.
Plasmodium knowlesi infection in Macaca mulatta terminated by curative therapy and followed by P. cynomolgi infection greatly increases gametocyte infectivity of latter species
Plasmodium cynomolgi
Carroll, F. I.; et al., 1979, J. Med. Chem., v. 22 (6), 694-699
Plasmodium spp. in mice and rhesus monkeys, synthesis and antimalarial activity of some 4-substituted 8-amino-6-methoxyquinolines, 4-ethylprimaquine was approximately as active and was less toxic than primaquine

Plasmodium cynomolgi
Plasmodium berghei, P. cynomolgi, experimental animals, resolution of antimalarial agents via complex formation with 4-(2,4,5,7-tetranitro-9-fluorenylideneaminoxy)propionic acid, significant differences in toxicity

Plasmodium cynomolgi
Khan, M. Sami; and LaMontagne, M. P., 1979, J. Med. Chem., v. 22 (8), 1005-1008
3,4- and 3-aminoquinolines, potential antimalariais, synthesis, testing of some against Plasmodium berghei in mice, Leishmania donovani in hamsters, or P. cynomolgi in rhesus monkeys

Plasmodium cynomolgi
Moser, G.; et al., 1978, J. Protozool., v. 25 (1), 119-124
Plasmodium berghei, P. knowlesi, P. cynomolgi, purification of sporozoites by passage through DEAE-cellulose column, retention of ability to produce infection, to induce protective immunity, and to react with known antisera

Plasmodium cynomolgi
Plasmodium spp. in monkeys, floxacrine, lacking in radical curative activity, significant prophylactic activity but with requirement for daily dosage, untoward host reaction

Plasmodium cynomolgi
Plasmodium falciparum in Aotus trivirgatus griseimembra, pilot appraisals of activities of 12 4-quinolinemethanols, further appraisal of mefloquine with P. vivax in Aotus trivirgatus and P. cynomolgi in Macaca mulatta

Plasmodium cynomolgi
Plasmodium cynomolgi, monkeys infected with Ro or Ro/PM strains, appraisals of various activities of CI-679
Plasmodium falciparum
Plasmodium falciparum, strain resistant to chloroquine therapy discovered in Vietiane, Lao People's Democratic Republic

Plasmodium falciparum
Plasmodium falciparum, semi-immune humans, clearance of asexual parasitaemia with single dose sulfadoxine-pyrimethamine, comparison with standard dose of chloroquine over 3 days: Laos

Plasmodium falciparum
Areekul, S., and Sitprija, V., 1979, Southeast Asian J. Med. (5), 93-95
malaria, humans and monkeys (exper.), bleeding diathesis

Plasmodium falciparum
Astaf'eva, N. V.; et al., 1979, Sovet. Med. (5), 93-95
malaria, humans, complication of pregnancy, case reports

Plasmodium falciparum
Atangana, S.; et al., 1979, Med. Trop., v. 39 (5), 537-543
onchocerciasis, malaria, humans, epidemiological and vector survey; no evidence of schistosomiasis but potential vectors are present; little evidence of Toxoplasma gondii: lac de retenue de Beumedjin, Cameron

Plasmodium falciparum
high incidence of splenomegaly in Indians of Alto Xingu region, serological investigation for various parasitic diseases indicated only malaria as a possible cause: Brazil

Plasmodium falciparum
Plasmodium spp., association with tropical splenomegaly syndrome in Indians from Alto Xingu region, Central Brazil

Plasmodium falciparum
Boonpucknavig, V.; and Sitprija, V., 1979, Kidney Internat., v. 16 (1), 44-52
Plasmodium falciparum, man, renal disease associated with acute infection, extensive review

Plasmodium falciparum
incidence of multiple feeding by Anopheles gambiae; strong correlation between haemoglobinemia and malaria infections in villagers: Barmawa, Garki District, Kano State, Nigeria

Plasmodium falciparum
malarial, humans, clinical trials using sulphonates and sulphonamides with a pyrimidine derivative

Plasmodium falciparum
human malarial, clinical findings, brief review

Plasmodium falciparum
Bray, R. S., 1978, J. Parasitol., v. 64 (3), 410
absence of circumsporozoite antibodies (to Plasmodium falciparum) in areas of hyperendemic malaria in The Gambia, appears that antibodies to sporozoites of human malaria parasites are not generated in nature

Plasmodium falciparum
Plasmodium falciparum, prevalence and density in pregnant women (by age/parity), recently pregnant women, and infants, malarial antibody levels in cord blood, seasonal variations: The Gambia

Plasmodium falciparum
malaria, humans, analysis of chemoprophylactic habits and reasons for breakdowns in therapy, small mining town: Yekepa, Liberia

Plasmodium falciparum
Plasmodium falciparum, chloroquine use by non-immunes when in endemic areas, analysis of drug concentrations in human serum during short and long term malaria prophylaxis, recommendations for standard vs. double dosage, clinical implications

Plasmodium falciparum
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

Plasmodium falciparum
Plasmodium spp., epidemiologic review: Philippines

Plasmodium falciparum
Plasmodium gallinaceum-parasitized chicken erythrocytes used in a practical hemagglutination test for IgM antibodies in human malarial infections: The Gambia

Plasmodium falciparum
malaria, human, large post-war outbreak in highly urbanized area, epidemiology, vector survey, outbreak traced to at least one imported case from neighboring country where malaria is endemic: Whampoa-Kallang area of Singapore

Plasmodium falciparum
falciparum malaria, humans, prednisolone administered with quinine sulfate did not increase red cell survival
Plasmodium falciparum
Malaria, method for large-volume cultivation of parasites based on principle of Trager-Jensen culture method
[Plasmodium] falciparum
Falciparum malaria, children, chloroquine resistance, efficacy of quinine and fansidar, clinical study: Thailand
Plasmodium falciparum
Collins, W. E.; et al., 1978, J. Parasitol., v. 64 (3), 497-500
Plasmodium falciparum, Burma (Thau.) strain, passage from man to Aotus trivirgatus monkey and from monkey to monkey by means of blood parasites or sporozoites, some characteristics of infection in monkey and in Anopheles freeborni
Plasmodium falciparum
Collins, W. E.; et al., 1979, J. Parasitol., v. 65 (4), 605-608
Plasmodium vivax, Plasmodium falciparum, Aotus trivirgatus, effect of prior malarial experience with one species on subsequent malarial infection with another species in terms of parasitemia and mosquito infectivity
Plasmodium falciparum
Collins, W. E.; et al., 1978, J. Parasitol., v. 65 (5), 763-767
Plasmodium falciparum, West African I strain, parasitemia in Aotus trivirgatus subesp., mosquito infectivity and transmission studies Anopheles freeborni A. maculatus A. culicifacies A. balabacensis balabacensis A. albimanus Aotus trivirgatus trivirgatus A. trivirgatus griseimembra (all exper.)
Plasmodium falciparum
Plasmodium falciparum, P. vivax (2 strains), Anopheles freeborni (exper.), susceptibility of natural and selected pupal color phenotypes to infection
Plasmodium falciparum
Cornille-Broegger, R.; et al., 1978, Bull. World Health Organ., v. 56 (4), 579-600
Plasmodium falciparum, P. malariae, changing patterns in humoral immune response before, during, and after application of control measures: Nigeria
Plasmodium falciparum
Malaria in normal subjects and those with sickle cell trait, determination of plasma immunoglobulins and antimalarial antibodies, findings suggest that during infancy early phagocytosis of parasitized cells led to enhanced processing of antigen and hence earlier immune response to sickle cell trait
Plasmodium falciparum
Imported malaria, increased incidence, inadequate prophylaxis, frequent re-infection in black Africans living in France and returning periodically to endemic areas, special risks for pregnant women: Paris
Plasmodium falciparum, illus.
Cuartas, F.; et al., 1972, South. Med. J., v. 65 (8), 523, 546
Plasmodium falciparum, soldiers, diagnosis by bone marrow aspiration: Texas, recently returned from Vietnam
Plasmodium falciparum
Plasmodium vivax, P. falciparum in Anopheles stephensi (nat. and exper.), only likely vector in Salem, Tamil Nadu
Plasmodium falciparum
Human malarial and amoebiasis, brief review of current diagnostic methods
Plasmodium falciparum, illus.
Dei Cas, E.; et al., 1979, Ann. Parasitol., v. 54 (5), 567-570
Plasmodium, diagnosis, advantages of Errecart's modified technique for making thick blood films
Plasmodium falciparum
Malaria, children, prevalence, comparison with findings prior to start of control program: Xingu Indian Reservation, Mato Grosso State, Brazil
Plasmodium falciparum
Donaldson, P.; et al., 1978, Stain Tech., v. 53 (4), 225-227
Plasmodium spp., diagnosis using borax methylene blue, spectroscopic and staining data
Plasmodium falciparum
Plasmodium falciparum, P. vivax, statistics of survey using thick blood films and indirect fluorescent antibody test, results showed low prevalence of infection and that P. vivax was the predominant parasite: Amazonas
Plasmodium falciparum
Malaria, epidemiological model applied to transmission, includes both human and entomological factors
Plasmodium falciparum
Dutta, H. M.; and Dutt, A. K., 1978, Social Sc. and Med., v. 12 (2D), 69-84
Malaria ecology, a global perspective, extensive review
Plasmodium falciparum

Plasmodium falciparum malaria, human, complications and treatment, review

Plasmodium falciparum

Plasmodium falciparum, possible chloroquine-resistant strain, recrudescence of infection in 42-year-old after chloroquine therapy, radical cure with sulfadiazine and pyrimethamine: Nigeria

Plasmodium falciparum

Plasmodium spp., humans emigrating or returning from endemic areas, striking rise in incidence, need for use of prophylactic drugs by travelers to endemic areas and for increased vigilance in diagnosing and treating malaria: East Birmingham Hospital and St. Thomas's Hospital, London

Plasmodium falciparum
Elslager, E. F.; et al., 1978, J. Med. Chem., v. 21 (10), 1059-1070

Plasmodium spp., antimalarial activity of 2,4-diamino-6-[2-(naphthylsulfonyl)quinazolines

Plasmodium falciparum
Facer, C. A.; Bray, R. S.; and Brown, J., 1979, Clin. and Exper. Immunol., v. 35 (1), 110-127

Plasmodium falciparum, Gambian children, direct Coombs antiglobulin reactions, incidence and class specificity, results indicate that sensitization of non-parasitized erythrocytes contributes to pathogenesis of anemia

Plasmodium falciparum

Plasmodium falciparum

Plasmodium falciparum, patient in coma and renal failure treated with exchange transfusions, 25% of patient's red blood cells remained parasitized after therapy, 60% parasitized prior to transfusions: Cristalândia, Brasil

Plasmodium falciparum

Several conditions of abnormal pregnancy including 3 patients with Plasmodium falciparum malaria, deposition of complement components within placenta

Plasmodium falciparum

Plasmodium falciparum, woman, acute pulmonary edema as a complication of parasite infection, case findings suggest that the edema was the result of altered capillary membrane permeability

Plasmodium falciparum

Plasmodium falciparum
Ferraroni, J. J.; and Hayes, J., 1977, Acta Amazonica, v. 7 (3), 401-406

Plasmodium falciparum, outbreak in 2 Indian tribes, Anopheles darlingi only vector mosquito present, tribal differences in infection based on proximity to vector population: Roraima, Brazil

Plasmodium falciparum
Ferraroni, J. J.; and Hayes, J., 1979, Am. J. Trop. Med. and Hyg., v. 28 (5), 909-911

Plasmodium falciparum outbreak among indigenous Indian tribe, 3 cases resistant to chloroquine responded favorably to Fansidar therapy: Uauaris, Territory of Roraima, Brazil

Plasmodium falciparum

Plasmodium falciparum, humans, chloroquine resistance, confirmed in vitro: Manaus, Amazonas

Plasmodium falciparum

Plasmodium falciparum, woman who had previously travelled in Papua New Guinea, case report: Tonga

Plasmodium falciparum

Plasmodium falciparum, Aotus trivirgatus erythrocytes infected with chloroquine-resistant strain, effect of substrate (glucose) on chloroquine and amodiaquine accumulation

Plasmodium falciparum
Fleischer, N. K., 1979, Med. Welt., v. 30 (44), 1625-1630

Parasitic tropical diseases, humans, central nervous system involvement, clinical review
Plasmodium falciparum
Plasmodium spp., human, prevalence of abnormal hemoglobins, relationships between sickle cell trait, malaria and survival of host: Garki District, Kano State, Nigeria

Plasmodium falciparum
Plasmodium falciparum, chloroquine resistant strain in non-immune male, treatment with fansidar terminated infection: Danish tourist to Kenya

Plasmodium falciparum
Plasmodium falciparum, development in cells with sickle cell hemoglobin, results suggest that mechanism of sickle cell resistance in vivo may be due solely to intraerythrocytic conditions

Plasmodium falciparum, illus.
Friedman, M. J., 1979, J. Protozool., v. 26 (2), 195-199
Plasmodium falciparum, ultrastructural damage to parasite in sickled erythrocytes

Plasmodium falciparum
Plasmodium falciparum, α- and β-thalassaemia trait red cells from adults, fetal red cells, and glucose-6-phosphate dehydrogenase deficiency red cells are refractory to parasite development because of oxidant sensitivity

Plasmodium falciparum
Friedman, M. J.; et al., 1979, Am. J. Trop. Med. and Hyg., v. 28 (5), 777-780
Plasmodium falciparum, in vitro cultures, host cell competence of abnormal hemoglobin-containing erythrocytes, evolutionary significance of results

Plasmodium falciparum
Friedman, M. J.; et al., 1979, Exper. Parasitol., v. 47 (1), 73-80
Plasmodium falciparum, intraerythrocytic conditions in infected cells, changes which would alter sickling behavior of infected AS cells, potassium levels in sickled AS cells, effect of decreased potassium on parasite survival

P[lasmodium] falciparum
P[lasmodium] falciparum, 10 Gambians with pregnancies complicated by maternal malaria, marked increase in complement components in placentae

Plasmodium falciparum
Plasmodium falciparum, continuous in vitro culture following deep-freezing of infected human blood

Plasmodium falciparum
Plasmodium falciparum, humans, associated renal failure and respiratory distress, clinical aspects, case reports: Spain (travelers and workers from endemic areas)

Plasmodium falciparum
Plasmodium falciparum, human, transmission by platelet concentrate transfusion, case report

Plasmodium falciparum

Plasmodium falciparum
Gimeno de Sande, A., 1975, Rev. San. e Hig. Pub., v. 49 (2), 109-140
human malarias, epidemiologic survey of diagnosed cases that have occurred in Spain since 1964 (all malarias thought to have been eradicated as of that date); all reported cases since that time were found to be imported by persons from endemic areas

Plasmodium falciparum
Plasmodium falciparum, selection of increased quinine resistance in Aotus monkeys

Plasmodium falciparum
Plasmodium falciparum, Nigerian woman, severe malarial attack within hours of giving birth to normal twins, at age 2 months one infant developed non-febrile hemolytic anemia resulting from prenatal parasitic infection, other infant possibly protected by partial glucose-6-phosphate dehydrogenase deficiency: Switzerland

Plasmodium falciparum
Plasmodium falciparum, humans, grade 1 chloroquine resistant strains: Bolivar State, Venezuela

P[lasmodium] falciparum
malaria, humans, current status in southern islands of Singapore

Plasmodium falciparum
Greenwood, B. M., 1974, Ciba Found. Symp., n.s. (25), 137-159
Plasmodium falciparum, Trypanosoma gambiense, Nigerian patients, immunosuppression, review

Plasmodium falciparum
Plasmodium falciparum, children, no evidence that any of several immunological factors investigated plays important role in pathogenesis of anemia
Plasmodium falciparum

Plasmodium falciparum-infected human red blood cells, supernatants from cultures stimulated lymphocytes from both malaria immune and malaria-non-immune donors, parasite-derived mitogen may play role in pathogenesis of hypergammaglobulinemia

Plasmodium falciparum, illus.

Plasmodium falciparum, acute cerebral manifestations in man, complicated by blackwater fever and diffuse intravascular coagulation, case report, clinical management: Basel, Switzerland (had traveled to North Africa)

Plasmodium falciparum

human amoebiasis and malaria, increasing incidence in non-endemic areas, epidemiologic review

Plasmodium falciparum

Plasmodium falciparum, use of cultured parasites as antigen in standard indirect fluorescent antibody test

Plasmodium falciparum

malaria, human, recommendations for prophylaxis, treatment, and notification of infections to regulatory authorities: South Africa

Plasmodium falciparum

human malaria imported into Switzerland by travellers to tropical endemic areas, statistical review of reported cases, suggestions for diagnosis and clinical management

Plasmodium falciparum

malaria, human, cases along newly opened roads, particularly from survey north of rio Urubu, recommendations for settlements along future roads: Amazon basin, Brasil

Plasmodium falciparum

malaria, humans, pocket of controlled infection in a holoendemic region, evaluation of local malaria programme by malarometric study: Yekepa, Liberia

[Plasmodium] falciparum

[Plasmodium] falciparum, problems in clinical management of infected persons, importance of providing tourists to endemic areas with information on malaria: Switzerland

Plasmodium falciparum

nutritional and health status survey of children under five, includes malaria, Ascaris and hookworm among most frequently diagnosed diseases: Mentawai Island Sipora/Indonesia

P[Plasmodium] falciparum

Anopheles minimus (malaria vector), responses to DDT residual spraying in cleared forested foothill area, appeared to reduce estimated vectorial capacities but effect was not maintained and malaria transmission was not interrupted: central Thailand

Plasmodium falciparum

Plasmodium b. berghei, pyrimethamine-resistant strain preserved at very low temperature for 11 years, maintained virulence but lost drug resistance, gametocytogenesis increased, cyclical transmission was successful, parasites crossed blood-brain barrier indicating this strain could serve as laboratory model for P. falciparum cerebral malaria

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Janota, I.; and Domhi, B., 1979, J. Clin. Path., v. 32 (8), 769-772

fatal malignant tertian cerebral malaria, 4 case reports: United Kingdom (English travellers returning from Africa)

Plasmodium falciparum

Plasmodium falciparum, concentration from continuous culture of erythrocytes infected with trophozoites and schizonts, technique utilizes readily available gelatin

Plasmodium falciparum
Jensen, J. B., 1979, J. Protozool., v. 26 (1), 129-132

Plasmodium falciparum, gametocytogenesis in continuous cultures, dormant development with regard to timing of sequential stages, current culture methods cannot produce continuous supply of functional gametes for further studies

Plasmodium falciparum

Plasmodium falciparum, establishment of new strains in continuous culture

Plasmodium falciparum

Plasmodium falciparum, recent advances in cultivation, symposium presentation

Plasmodium falciparum
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Plasmodium falciparum, continuous cultivation in semiautomated apparatus

Plasmodium falciparum

malaria, travellers, chemoprophylaxis, recommendations
Plasmodium falciparum
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Plasmodium falciparum, comparison of dihydrofolate reductase from parasite and from Aotus trivirgatus

Plasmodium falciparum
Plasmodium falciparum, chloroquine-resistance, 2 case reports of people having travelled in Africa

Plasmodium falciparum
Plasmodium falciparum, chloroquine-resistant strain reported in young child, therapy with doxycycline + chloroquine resulted in cure: Zambia

Plasmodium falciparum
Plasmodium falciparum, characterization of protein of parasite origin correlated with production of knob-like protrusions on membranes of infected erythrocytes

Plasmodium falciparum
in vitro observations do not support theory that patients with hereditary spherocytosis are liable to increased risk of falciparum malaria

Plasmodium falciparum
malaria, human, situation 1970-1974 in Singapore

Plasmodium falciparum
Kouznetsov, R., 1979, Bull. World Health Organ., v. 57 (4), 535-539
malaria, chemotherapy and chemoprophylaxis, approaches to drug delivery, review: tropical Africa

Plasmodium falciparum
Plasmodium falciparum, risk of contracting malaria as derived from entomological data, comparison with parasitologically-estimated infection rates and seasonal distribution in children vs. adults: Gambela, western Ethiopia

Plasmodium falciparum
Krotoski, W. A.; et al., 1978, J. Am. Med. Ass., v. 239 (26), 2778-2779
Plasmodium falciparum in 3 seamen, acquired off tropical West Africa, occupation and travel histories important in differential diagnosis: US Public Health Service Hospital, New Orleans

Plasmodium falciparum
falciparum malaria complicated by disseminated intravascular coagulation, woman successfully treated with exchange transfusion after previously failing to respond to other therapy: Thailand

Plasmodium falciparum
Kurlekar, N.; and Mehta, B. C., 1979, Indian J. Med. Research, v. 70, 206-208
diagnostic accuracy of beta thalassemia trait based on haemoglobin-A2 levels in an individual or population not altered by the presence of malarial infections

Plasmodium falciparum
Lambros, C.; and Vanderberg, J. P., 1979, J. Parasitol., v. 65 (3), 418-420
Plasmodium falciparum, procedure for synchronization of erythrocytic stages in culture

Plasmodium falciparum
Plasmodium vivax, P. falciparum, humans, clinical aspects, diagnosis, therapy

Plasmodium falciparum
Langreth, S. G.; et al., 1978, J. Protozool., v. 25 (4), 443-452
Plasmodium falciparum, erythrocytic cycle in vitro, ultrastructure, comparison with in vivo (Aotus trivirgatus) life cycle stages

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Langreth, S. G.; et al., 1979, Exper. Parasitol., v. 48 (2), 213-219
Plasmodium falciparum, loss of knobs on infected erythrocyte surface after long-term cultivation

Plasmodium falciparum
Langreth, S. G.; Nguyen-Dinh, P.; and Trager, W., 1978, Exper. Parasitol., v. 46 (2), 235-238
Plasmodium falciparum, fine structure of merozoite invasion of human erythrocytes in vitro, successful invasion after 3 hr in presence of concentration of chloroquine harmful to feeding stages

Plasmodium falciparum
Langreth, S. G.; and Reese, R. T., 1979, J. Exp. Med., v. 150 (5), 1241-1254
Plasmodium falciparum, immunocytocchemical localization of antibodies from immune serum on surfaces of infected erythrocytes and of merozoites

Plasmodium falciparum

Plasmodium falciparum
Plasmodium spp., human, concentration of parasitized erythrocytes by centrifugation on Picoll R solution, useful method when attempting to confirm doubtful diagnosis

Plasmodium falciparum
human malaria, errors in diagnosing cases imported into non-endemic areas
Plasmodium falciparum

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malaria, American civilians, detailed analysis of cases acquired during travel abroad, 1970-1976

Plasmodium falciparum

chloroquine-resistant Plasmodium falciparum, in vitro response to mefloquine, microtechnique system

Plasmodium falciparum

malaria, observations on imported human cases, diagnostic importance, clinical aspects: USSR

Plasmodium falciparum

Plasmodium falciparum, semi-immune human exposed to homologous and heterologous challenges developed infections but with moderated clinical manifestations, increased prepatent periods, and limited parasitemias; gametocytes produced were non-infective for Anopheles stephensi

Plasmodium falciparum

malaria, value of gel-precipitation test in monitoring endemicity in a rural African village, parasite and precipitin prevalence rates by age, climatic variation and extensive drug usage as factors implicated in changes in prevalence: The Gambia

Plasmodium falciparum

Maier, W. A.; and Piekarski, G., 1979, Immun. u. Infekt., v. 7 (3), 75-82
malaria, human, diagnosis, indirect immunofluorescent test using Plasmodium berghei or P. falciparum as antigen

Plasmodium falciparum

malaria, standardization of indirect fluorescent antibody test

Plasmodium falciparum

Plasmodium spp., detection and measurement of species-specific malarial antibodies using standardized indirect fluorescent antibody test

Plasmodium falciparum

malaria, humans, role in tropical splenomegaly syndrome, current appraisal, review

Plasmodium falciparum

Martin, S. K.; et al., 1978, Lancet, London (8062), v. 1, 466-468
Plasmodium falciparum, low erythrocyte pyridoxal kinase activity in serum of non-infected subjects and White infected Nigerian children, survey of blood group antigens, no significant difference from healthy children

Plasmodium falciparum

Plasmodium falciparum as cause of acute urticaria, 2 case reports: Ethiopia

Plasmodium falciparum

Plasmodium falciparum, man, associated Salmonella bacteremia, death due to malarial cerebral edema, infected during conducted tourist trip to Gran Canaria and Gambia: Denmark

Plasmodium falciparum

human acute falciparum malaria, changes in serum protein patterns studied using polyacrylamide gel electrophoresis, other blood biochemical parameters

Plasmodium falciparum

Molineaux, L.; et al., 1978, Bull. World Health Organ., v. 56 (4), 573-578
Plasmodium falciparum, P. malariae, serological study comparing infants exposed to or protected from malaria: Nigeria

Plasmodium falciparum

sickle cell disease subjects living in hyperendemic malarial area, numbers of malarial infected persons, seroimmunologic test results, immunoglobulin levels, and age groups compared with subjects without sickle cell trait: Sudan savanna of Nigeria

Plasmodium falciparum

Plasmodium falciparum, epidemiological evaluation of mathematical model, baseline data tested against data collected over 3-year period during which propoxur and fenitrothion were used for mosquito control, relatively good agreement between actual observations and model: Garki District, Nigeria and Kisumu District, Kenya
Plasmodium falciparum
human malaria, contributions of author to the study of malaria and its eradication in Ecuador

Plasmodium falciparum, illus.
Plasmodium falciparum, woman, fatal infection accompanied by jaundice and renal failure, unresponsive to quinine therapy, review of clinical aspects: Cayenne (Guyane)

Plasmodium falciparum
Nardin, 206, 597-599

Plasmodium falciparum, illus.
Naggan, M. J.; et al., 1979, Bull. World Health Organ., v. 57 (1), 133-138
Plasmodium falciparum-infected erythrocytes from long-term culture, concentration and separation by gradient centrifugation

Plasmodium falciparum
Plasmodium spp., diagnosis, current therapeutic measures, review

Plasmodium falciparum
children with syndrome of enlarged parotids, localized forehead edema, heavy infestation with Ascaris lumbricoides, and unusual freedom from malaria, piperezine treatment of ascariasis resulted in attacks of malaria, suppression of malaria may be nutritional consequence of severe ascariasis and may represent ecological balance for optimum co-survival of host and two parasites: Anjouan, Comoros archipelago

Plasmodium falciparum
parasitic (malaria, Schistosoma) and non-parasitic infections, Somalian nomads, adverse effect of iron repletion on course of certain infections

Plasmodium falciparum
malaria in Israel and Israeli-held territories, assessment of increasing incidence 1967-1971

Plasmodium falciparum
malaria, suggested approach to control, methodology applicable in different epidemiologic situations: the Americas

Plasmodium falciparum
Nardin, E. H.; et al., 1979, Science (4418), v. 206, 597-599
Plasmodium falciparum, human, antibodies to sporozoites, occurrence in 4 age groups: Keneba, West Kiang district, The Gambia

Plasmodium falciparum
Plasmodium berghei-mouse and P. knowlesi-rhesus monkeys systems, detection of stage and species specific antispoozoite antibodies with circumsporozoite precipitation and indirect immunofluorescence methods, preliminary application to P. falciparum in humans with similar results

Plasmodium falciparum
Plasmodium falciparum, P. vivax, prevalence survey in hospital patients, discussion of changes in prevalence with introduction of chloroquine resistant strains of P. falciparum, treatment trials with various malarial drugs: Brazil

Plasmodium falciparum
Nguyen-Dinh, P.; and Trager, W., 1978, Science (4418), v. 200, 1397-1398
Plasmodium falciparum, African strain, production of chloroquine resistance in vitro

Plasmodium falciparum
Plasmodium falciparum, woman, intense parasitemia, deepening coma, and acute renal failure, exchange transfusions as useful adjunct to conventional chemotherapy, numbers of infected circulating erythrocytes reduced: United States, had previously travelled in Ghana

Plasmodium falciparum
children with Burkitt's lymphoma, serum immunoglobulin levels, specific antibody titers to Plasmodium falciparum and P. malariae

Plasmodium falciparum
Plasmodium falciparum, human, clinical trial of response to chloroquine, little evidence of resistance: Gezira and Bor areas, Sudan

Plasmodium falciparum
Plasmodium spp., human, prevalence by parasite species and by host age group, dramatic response to mass chemophylaxis with chloroquine: Gezira and Bor regions, Sudan

Plasmodium falciparum
Oomen, J. M. V., 1979, Trop. and Geog. Med., v. 31 (3), 395-403
body build and nutritional status of three ethnic groups inhabiting same locality, effects of infections including malaria, Schistosoma haematobium and hookworm: Northern Nigeria
**Plasmodium falciparum**


pla. of 3 ethnic groups and 3 age groups inhabiting same locality, haematological status (including anaemia), spleen and liver enlargement, immunoglobulin status, malaria parasite rates, other parasite infections, possible associations between these and other factors (including nutrition, sickle cell trait, altered immune response to malaria): Northern Nigeria

Plasmodium falciparum

Osoba, D.; et al., 1979, Immunogenetics, v. 8 (4), 325-338

Plasmodium falciparum, humans, role of major histocompatibility complex in antibody response under natural conditions: Tanzania

Plasmodium falciparum


immunopathology of human malaria, symposium presentation

Plasmodium falciparum


Plasmodium falciparum, technique for separating viable schizont-infected red cells from human blood

Plasmodium falciparum


Plasmodium falciparum, chloroquine-resistant strain in Aotus trivirgatus, 2 chlorinated lincomycin analogues cured blood-induced infections

Plasmodium falciparum


malaria prophylaxis trials, army personnel camping in endemic area, 3 drug combinations, no infections reported in trial groups while local population acting as control reported 250 falciparum cases: Caprivi Strip, South Africa

Plasmodium falciparum


human malarialys, comparative study of prophylaxis using chloroquine and a combination of sulfadoxine and pyrimethamine: residents of rubber estate in central Malaysia

Plasmodium falciparum


Plasmodium spp., servicemen returning from Vietnam, relationships between chemophrophylaxis history and occurrence and timing of post-departure episodes of malaria: Iowa City VA Hospital

Plasmodium falciparum

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Plasmodium falciparum, immunization of Aotus monkeys grouped according to karyotype, antigenic material obtained from parasites cultivated in vitro for over a year, protective immunity can be induced without use of complete Freund's adjuvant if sufficient antigen is used together with synthetic muramyl dipeptide

Plasmodium falciparum


Plasmodium falciparum, inhibition of in vitro growth by immune serum and purified immunoglobulin from Aotus sp.
Plasmodium falciparum
Plasmodium spp., issue devoted to current status of human malaria with discussion on: life cycle, geographic distribution, immunopathology, diagnosis, clinical management, treatment and prophylaxis

Plasmodium falciparum
Plasmodium falciparum in continuous culture, effects of pyrimethamine and chloroquine on parasite growth and viability

Plasmodium falciparum
Rieckmann, K. H.; Mrema, J. E.; and Campbell, G. H., 1978, J. Parasitol., v. 64 (4), 750-752
Plasmodium falciparum parasites obtained from culture are capable of inducing pronounced immunity to malaria in Aotus trivirgatus griseimembra

Plasmodium falciparum
Plasmodium falciparum, 36-year-old male after travel to Senegal, case report, severe infection cured by exchange blood transfusion in conjunction with classical drug therapy: Argentina

Plasmodium falciparum
Roth, E. P., Jr.; et al., 1978, Science (4368 [error as 4365 on cover]), v. 202, 650-652
Plasmodium falciparum, increased sickling propensity of infected red cell under conditions of total and partial deoxygenation in vitro, results lend support to concept that heterozygotes for Hb S in malarious region may have improved fitness for survival which in turn maintains balanced polymorphism for Hb S gene

Plasmodium falciparum
Plasmodium vivax, P. falciparum, humans, presumptive treatment with 600 mg. chloroquine base, good response, no RII or RIII type chloroquine resistance seen: Dharapuri and North Arcot districts, Tamil Nadu State

Plasmodium falciparum
Plasmodium vivax, P. falciparum, P. malariae, human, distribution in reappearing phase, 1970 and 1975: Karnataka and Tamil Nadu States

Plasmodium falciparum
Plasmodium falciparum, fansidar-resistant malaria in case also resistant to chloroquine: Indonesia

Plasmodium falciparum
Plasmodium spp., statistics of infection by blood transfusions, cases reported in France from 1960-1974, comparison with statistics from other non-endemic areas

Plasmodium falciparum
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Plasmodium falciparum, antimalarial effects of tetraethylthiuram disulfide and its reduction product diethyldithiocarbamate

Plasmodium falciparum
Scheibel, L. W.; Ashton, S. H.; and Trager, W., 1979, Exper. Parasitol., v. 47 (3), 410-418
Plasmodium falciparum, respiratory requirements studied in vitro in continuous cultivation, results suggest obligate microaerophile

Plasmodium falciparum
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, courses of untreated infections, in-depth characterization

Plasmodium falciparum
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, responses of established infections to chloroquine, quinine, and pyrimethamine

Plasmodium falciparum
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, methods employed in search for new blood schizonticidal drugs

Plasmodium falciparum
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, strains resistant to chloroquine, quinine, or pyrimethamine, antimalarial properties of selected 2,4-diamino-6-substituted quinazolines
Plasmodium falciparum
Plasmodium falciparum, P. vivax, various drug-resistant and drug-susceptible strains in Aotus trivirgatus griseimembra, capacity of sulfadiazine to enhance activities of WR-158,122 and WR-159,412

Plasmodium falciparum
Plasmodium spp. in monkeys, floxacrine, lacking in radical curative activity, significant prophylactic activity but with requirement for daily dosage, untoward host reaction

Plasmodium falciparum
Plasmodium falciparum in Aotus trivirgatus griseimembra, pilot appraisal of activities of various 4-aminoquinolines against chloroquine-resistant and -susceptible strains, observations confirm cross-resistance among 4-aminoquinolines but indicate that some derivatives may be therapeutically effective against infections refractory to maximally tolerated doses of chloroquine

Plasmodium falciparum
Plasmodium falciparum in Aotus trivirgatus griseimembra, pilot appraisals of activities of 12 4-quino-linemethanols, further appraisal of mefloquine with P. vivax in Aotus trivirgatus and P. cynomolgi in Macaca mulatta

Plasmodium falciparum
Plasmodium falciparum in Aotus trivirgatus griseimembra and human volunteers, P. cynomolgi in Macaca mulatta, antimalarial activities of various 9-phenanthrenemethanols with special attention to WR-122,455 and WR-171,669, includes some [apparently unpublished] results of other workers for P. berghei and these same compounds

Plasmodium falciparum
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, antimalarial activities of various 4-pyrindinemethanols with special attention to WR-172,435 and WR-180,409, includes some [apparently unpublished] results of other workers for P. berghei and these same compounds

Plasmodium falciparum
Plasmodium falciparum, P. vivax, Aotus trivirgatus griseimembra, antimalarial activities of WR-184,806 and WR-226,253

Plasmodium falciparum
Plasmodium falciparum, P. vivax, Aotus trivirgatus griseimembra, antimalarial activities of WR-194,965 and WR-204,165

Plasmodium falciparum
Plasmodium falciparum, clinical trials with chloroquine base: Tamil Nadu

Plasmodium falciparum
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Malaria, human, treatment, prophylaxis, review

Plasmodium falciparum
Plasmodium spp., human, life cycle, therapeutic recommendations

Plasmodium falciparum
Plasmodium falciparum-vaccinated Aotus trivirgatus which had survived primary challenge with homologous strain were protected against subsequent challenge with heterologous strain

Plasmodium falciparum
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Plasmodium falciparum, effective vaccination of Aotus trivirgatus griseimembra using a new adjuvant, possibly safer than Freund's adjuvant

Plasmodium falciparum, illus.
Plasmodium falciparum, in vitro cultivation and partial purification of antigen suitable for vaccination studies in Aotus monkeys

Plasmodium falciparum, illus.
Plasmodium falciparum, gametocyte and gamete development, ultrastructure of gametocytes from blood of naturally infected Gambians compared with immature forms from blood of chloroquine treated patient, functional morphology, cytogenetics, phylogeny

Plasmodium falciparum
Sinden, R. E.; and Smalley, M. E., 1979, Parasitology, v. 79 (2), 277-296
Plasmodium falciparum, modified microculture technique used as bioassay for various antimetabolites by examining their ability to inhibit gametocytegenesis; characterization of sexual cell-cycle

Plasmodium falciparum, illus.
Plasmodium falciparum, sporogonic development in Anopheles gambiae, scanning and transmission electron microscopy, first surface view of micropore of Plasmodium
Plasmodium falciparum
Smith, D. H.; Warren, K. S.; and Mahmoud, A. A.
Schistosoma mansoni, human, morbidity in relation to prevalence and intensity, host age and sex, importance of environmental factors such as ecology of transmission and presence of malaria: Nduru, Kisumu, Kenya

Plasmodium falciparum
Plasmodium falciparum, P. vivax, human (Duffy blood group positive and negative, black and white), indirect fluorescent antibody titers, slide-demonstrated infection rates, Duffy negative genotype appears to be factor in resistance to P. vivax: Honduras

Plasmodium falciparum
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Malaria, human sera, micro enzyme-linked immunosorbent assay used with in vitro cultured Plasmodium falciparum as antigen

Plasmodium falciparum
Malaria, human sera, enzyme-linked immunosorbent assay using cultured Plasmodium falciparum as antigen compared with indirect fluorescent antibody test

Plasmodium falciparum
Bleeding diathesis in humans with tropical diseases, includes information on Plasmodium falciparum

Plasmodium falciparum
Treatment of bleeding diathesis in human tropical diseases including Plasmodium falciparum

Plasmodium falciparum
Malaria, immunoglobulins and antimalarial antibodies in haemoglobin AC individuals, little difference from rest of population except for higher IgG levels, suggests that haemoglobin C gene's geographical relationship to malaria may be coincidence: Sudan savanna of Nigeria

Plasmodium falciparum
Strickland, G. T., 1978, Tropenmed. u. Parasitol., v. 29 (2), 198-203
Plasmodium-infected humans, sera are mitogenic for mouse spleen lymphocytes and interfere with indirect hemagglutination test for lipid-A antibodies

Plasmodium falciparum
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Plasmodium yoelii infection in mice and P. falciparum and P. vivax infection in humans, changes in lymphocyte populations during acute infections thought to be related to development of malarial immunity and immunodepression

[Plasmodium] falciparum
Falciparum and vivax malarias, blood coagulation studies compared, brief note

Plasmodium falciparum
Malaria, humans, epidemiology, risk of infection in travellers returning from Africa: Switzerland

Plasmodium falciparum
Plasmodium falciparum still sensitive to quinine, in vitro and in vivo (humans): Thailand

Plasmodium falciparum
Plasmodium falciparum, in vitro mitogen responses of spleen and peripheral blood lymphocytes from infected Aotus trivirgatus grisemembra

Plasmodium falciparum
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Plasmodium falciparum, suppression of lymphocyte transformation by plasma from acutely infected Aotus trivirgatus griseimembra

Plasmodium falciparum
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Plasmodium falciparum, susceptibility of Aotus trivirgatus in relation to geographic origin, phenotype, and karyotype

Plasmodium falciparum
Human congenital malaria, extensive historical and clinical review, emphasis on possible mechanisms of placental transmission

Plasmodium falciparum
Thompson, R. G.; et al., 1979, Brit. Med. J. (6168), v. 1, 952 [Letter]
Malaria, immigrants and travellers, incidence, recommendations for educating travellers and the general public: Wolverhampton

Plasmodium falciparum
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Human malarias, nomadic migration, local customs, low levels of education and lack of sufficient health services contribute to spread of infections and difficulties in establishing control measures in Afghanistan

Plasmodium falciparum
Plasmodium falciparum causing fatal encephalopathy and disseminated intravascular coagulation, man, case review, clinical aspects and pathology associated with syndrome: Italy, had travelled briefly to West Africa
Plasmodium falciparum
Trager, W., 1979, J. Protozool., v. 26 (1), 125-129.
Plasmodium falciparum, culture, improved continuous flow method

Plasmodium falciparum, illus.
Plasmodium falciparum, continuous cultivation in vitro of erythrocytic stages, applications, review

Plasmodium falciparum
Plasmodium falciparum, antimalarial activity of S-isobutyl adenosine analogues in culture

Plasmodium falciparum
malaria, therapy and prophylaxis recommendations, primaquine, quinine, chloroquine hydrochloride

[Plasmodium] falciparum
[P]lasmodium) falciparum, humans, intramuscular treatment with chloroquine vs. quinimax: East Africa

Plasmodium falciparum
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Plasmodium spp.-infected patients, hemoglobin A_2 levels not statistically different from healthy controls, malaria is thus unlikely to influence results of surveys for β-thalassaemia in malaria-endemic areas

Plasmodium falciparum
malaria, humans travelling to endemic areas, drug prophylaxis, comparative study, least unwanted side effects and lowest morbidity rate recorded with pyrimethamine: Hungary

[Plasmodium] falciparum
falciparum malaria, haemostatic defect in non-immune patients, no evidence of diffuse intravascular coagulation (DIC), heparin not used and all recovered without residual symptoms; heparin administration should probably be considered only when clear-cut DIC has been demonstrated

Plasmodium falciparum
Vu Thi Phan, 1977, Sante Pub., v. 20 (2), 147-156
human malarias, current status, eradication programs: Republique Socialiste du Vietnam

Plasmodium falciparum
Plasmodium vivax and P. falciparum in UK citizens travelling abroad and in visitors or new residents to Britain, importance of prophylaxis

Plasmodium falciparum
Plasmodium vivax- and P. falciparum-infected Anopheles albimanus (exper.), susceptibility of natural pupal phenotypes to infection

Plasmodium falciparum
Plasmodium vivax, P. falciparum, human, survey, indirect immunofluorescence test, prevalence of antibodies: Costa Rica

Plasmodium falciparum
Wells, R. A.; et al., 1979, Clin. and Exper. Immunol., v. 35 (2), 202-209
Plasmodium falciparum- and P. vivax-infected Thai adults, loss of circulating T lymphocytes with normal levels of B and 'null' lymphocytes

Plasmodium falciparum
Plasmodium spp., humans, incidence survey, distribution by age and sex of host, multiple infections more common in children: rural areas of Zambia

Plasmodium falciparum
malaria, hookworm, Schistosoma haematobium, humans in rural environment, epidemiology in relation to malnutrition and host age, importance as public health problems: Zambia

Plasmodium falciparum
malaria influence on haemoglobin A_2 levels is not a significant factor in assessing β-thalassaemia trait in a malarial endemic area: northern Liberia

Plasmodium falciparum
Plasmodium falciparum, humans with chloroquine-resistant infection (exper.), acetylator phenotype does not influence therapeutic response to sulfalene or sulfalene combined with pyrimethamine

Plasmodium falciparum
Plasmodium falciparum, children, hypocomplementaemia may be severe during acute infections but is only transient

Plasmodium falciparum
malarialometric study of young children (seasonal distribution, age-specific parasite prevalence, splenic indices): Malumfashi, Northern Nigeria

Plasmodium falciparum
Plasmodium falciparum, impairment of immune response of children vaccinated with Salmonella typhi and meningococcal vaccines after onset of acute malarial attack; significant correlation found between height of parasitemia and degree of immunosuppression
Plasmodium falciparum
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soluble parasite antigens, possible modes of interference with immune response, review

Plasmodium falciparum
P[Plasmodium] spp., humans, general clinical review

Plasmodium falciparum
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human malaria, report of worldwide situation as of 1974

Plasmodium falciparum
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Babesia, Plasmodium, Trypanosoma, kallikrein-kinin system, mechanisms of activation (parasite enzymes, immune complexes), role in hypotensive shock syndrome of infected animals, review

Plasmodium falciparum
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Plasmodium falciparum, response of sensitized and unsensitized human lymphocyte subpopulations to malaria antigen

Plasmodium (Giovannolaia) falkax Schwetz, 1930
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
neohapantotype designated

Plasmodium falkax Schwetz 1930
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hematozoa from southern African vultures, prevalence, host age class, seasonal variation
Gyps africanus: Rhodesia

Plasmodium floridense, illus.
Anolis concolor (blood): San Andres Island, western Caribbean

Plasmodium floridense Thompson and Huff 1944
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Anolis carolinensis
Sceloporus undulatus
all from Florida

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Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
parahapantotype designated

Plasmodium fragile
Plasmodium fragile, successful continuous cultivation with rhesus monkey red blood cells using the Trager-Jensen method, availability of this parasite-monkey model would allow in vitro and in vivo study of immunologic responses in a more natural host

Plasmodium fragile
Plasmodium fragile in Macaca mulatta as model system for study of malarial vaccines

Plasmodium (Giovannolaia) gabaldoni Garnham, 1976
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
hapantotype designated

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Plasmodium gallinaceum, Aedes fluviatilis as a new experimental host

Plasmodium gallinaceum, illus.
Carter, R.; Gwadz, R. W.; and Green, I., 1979, Exper. Parasitol., v. 47 (2), 194-208
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Eislager, E. F.; et al., 1978, J. Med. Chem., v. 21 (10), 1059-1070
Plasmodium spp. in laboratory animals, thioquinazoline analogues synthesized and tested under laboratory conditions showed substantial suppressive antimalarial and prophylactic activity when compared with reference compounds, analogues also retained potent antimalarial effects against strains resistant to common antimalarials; the most active compound, 2,4-diamino-6-[(a,a,a-trifluoro-m-tolyl)thio]quinazoline has been designated for preclinical toxicologic studies

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Eislager, E. F.; et al., 1979, J. Med. Chem., v. 22 (10), 1247-1257
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Plasmodium gallinaceum
Freier, J. E.; and Friedman, S., 1976, J. Invert. Path., v. 28 (2), 161-166
Aedes aegypti feeding on Plasmodium gallinaceum-infected chickens: take less blood and lay fewer eggs than those feeding on uninfected hosts in inverse correlation with degree of parasitemia, and ingest blood in amounts directly proportional to amount of time spent on hosts (whereas there is no relationship between host contact and blood meal size when feeding on uninfected hosts); infected chickens are less attractive to mosquitoes than uninfected chickens

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Plasmodium (Haemamoeba) gallinaceum Brumpt, 1935
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
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Plasmodium gallinaceum
Martin, S. K.; et al., 1978, Exper. Parasitol., v. 44 (2), 239-242
Plasmodium gallinaceum, induction of male gametocyte exflagellation by phosphodiesterase inhibitors, implicates cyclic nucleotides in initiation of this process

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Plasmodium gallinaceum
Nijhout, M. N., 1979, Exper. Parasitol., v. 48 (1), 75-80
Plasmodium gallinaceum, exflagellation stimulated by mosquito factor

Plasmodium gallinaceum, illus.
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Plasmodium gallinaceum
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Plasmodium gallinaceum, illus.
Plasmodium tropiduri, P. berghei, P. gallinaceum, intraerythrocytic stages, morphological and enzyme cytochemical observations on phagotrophy

Plasmodium gallinaceum
Plasmodium gallinaceum, berghei, 6-[[aryl and aralkyl]amino)methyl]-2,4-pteridinediamines and -pterinediamine 8-oxides, synthesized for antimalarial evaluation, laboratory trials with experimental animals

Plasmodium (Giovannolaia) garnhami Guindy, 1979, Hoogstraal and Mohamed, 1965
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
hapantotype designated

Plasmodium (Haemamoeba) giovannolai Corradetti, 1976
Verolini & Neri, 1963
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
hapantotype designated

Plasmodium gonatodi Telford, 1970
Gonatodes albogularis (exper.)

Plasmodium gonzalezi Iturbe & Gonzalez 1921
"P. gonzalezi must be considered a nomen dubium"

Plasmodium (Haemamoeba) griffithsi Garnham, 1966
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
hapantotype designated

Plasmodium guyannense sp. nov.
Telford, S. R., jr., 1979, Ann. Parasitol., v. 54 (2), 125-144
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Plasmodium (Huffia) hermani Telford and Forrest, 1975
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
hapantotype designated

Plasmodium hexamerium, illus.
Zenaida auriculata caucae (blood): Cauca River valley, Colombia

Plasmodium (Novyella) hexamerium Huff, 1935
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
parahapantotype designated
Plasmodium (Huffia) huffi Muniz, Saores and Batista, 1951
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
neohapantotype designated

Plasmodium inui, illus.
Dei Cas, E.; et al., 1979, Ann. Parasitol., v. 54 (5), 567-570
Plasmodium, diagnosis, advantages of Errecart's modified technique for making thick blood films

Plasmodium inui
Scalise, G.; et al., 1978, J. Med. Primatol., v. 7 (2), 114-118
Plasmodium inui-infected Macaca mulatta had enhanced susceptibility to hepatititis B virus

Plasmodium (Novyella) juxtanucleare Versiani Gomes, 1941
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
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Plasmodium juxtanucleare, illus.
Plasmodium juxtanucleare, new foci, prevalence survey, pathology, recently isolated strain and 20 year old strain compared for forms and virulence
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Plasmodium knowlesi, illus.
Plasmodium knowlesi, invasion of erythrocytes by merozoites investigated by electron microscopy, findings include junction between erythrocytes and merozoites, movement of junction during invasion, and fate of surface coat on merozoites

Plasmodium knowlesi, illus.
Aikawa, M.; et al., 1979, J. Protozool., v. 26 (2), 275-279
Plasmodium spp., sporozoites before and after incubation in immune serum, freeze-fracture study, antibody-induced changes of pellicular membrane

Plasmodium knowlesi
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Plasmodium knowlesi
de Arruda-Mayr, M.; Cochrane, A. H.; and Nussenzweig, R. S., 1979, Am. J. Trop. Med. and Hyg., v. 28 (4), 627-635
Plasmodium knowlesi infection in Macaca mulatta terminated by curative therapy and followed by P. cynomolgi infection greatly increases gametocyte infectivity of latter species

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Plasmodium knowlesi, Macaca mulatta, antibody-mediated mechanisms associated with sterilizing immunity induced by merozoite vaccination, role of Freund's complete adjuvant

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Langhorne, J.; and Cohen, S., 1979, Parasitology, v. 78 (1), 67-76
Plasmodium knowlesi in Callithrix jacchus investigated as possible model for immunological studies course of infection, differential susceptibility, resistance to challenge infection
Plasmodium knowlesi, illus.

Mclaren, D. J.; et al., 1979, Parasitology, v. 79 (1), 125-139

Plasmodium knowlesi, interaction between malaria parasite and host erythrocyte, freeze fracture studies of internal cytoarchitecture of surface membranes

Plasmodium knowlesi, illus.

Miller, L.; et al., 1979, J. Exper. Med., v. 149 (1), 172-184

Plasmodium knowlesi, interaction between cytochalasin B-treated merozoites and erythrocytes, attachment and junction formation, results suggest that defect in invasion of Duffy-negative RBCs is at the step of junction formation

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Moser, G.; et al., 1978, J. Protozool., v. 25 (1), 119-124

Plasmodium berghii, P. knowlesi, P. cynomolgi, purification of sporozoites by passage through DEAE-cellulose column, retention of ability to produce infection, to induce protective immunity, and to react with known antiserum

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Plasmodium berghii-mouse and P. knowlesi-rhesus monkeys systems, detection of stage and species specific antisporeozoite antibodies with circumsporozoite precipitation and indirect immunofluorescence methods, preliminary application to P. falciparum in humans with similar results

Plasmodium knowlesi

Onabanjo, A. O., 1978, Agents and Actions, v. 8 (1-2), 139-140

Plasmodium knowlesi in Macaca mulatta, plasma kinin concentration, physiopathological effects of kinin extracts from blood of infected monkeys when injected intradermally into guinea pigs

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Plasmodium lophurae
Kilejian, A., 1978, Science (4359), v. 201, 922-924
Plasmodium lophurae, ducklings, successful immunization with purified and characterized histidine-rich protein as antigen, use of adjuvant is not required for this protective effect and immunity can be passively transferred with serum

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Plasmodium lophurae, illus.
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Plasmodium lophurae, illus.
Plasmodium lophurae, differentiation of parasite membrane, parasitophorous vacuole membrane, and duck erythrocyte membrane with cationized ferritin staining as an electron microscope cytochemical method

Plasmodium lophurae
Yamada, K. A.; and Sherman, I. W., 1979, Exper. Parasitol., v. 48 (1), 61-74
Plasmodium lophurae, hemoglobin (malarial pigment), composition and properties

Plasmodium mackerrasae sp. n., illus.
Telford, S. R., jr., 1979, J. Parasitol., v. 65 (3), 409-413
Egernia cunninghami
E. striolata
E. whitei (exper.)
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Plasmodium malariae
Buck, A. A.; Anderson, R. I.; and MacRae, A. A., 1978, Tropened. u. Parasitol., v. 29 (3), 253-268
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Cornille Broegger, R.; et al., 1978, Bull. World Health Organ., v. 56 (4), 579-600
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Lippi, M., 1977, Rassegna Med. Sarda, v. 80, n.s., v. 29 (1), 59-64
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Plasmodium ovale, clinical aspects and diagnostic criteria of infections in 2 African natives living in Poland

Plasmodium ovale
Van Ros, G.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (4), 659-663
Plasmodium spp.-infected patients, hemoglobin A levels not statistically different from healthy controls, malaria is thus unlikely to influence results of surveys for ß-thalassemia in malaria-endemic areas

Plasmodium ovale
Vu Thi Phan, 1977, Sante Publ., v. 20 (2), 147-156
human malarias, current status, eradication programs: Republique Socialiste du Vietnam

Plasmodium ovale
Plasmodium spp., humans, incidence survey, distribution by age and sex of host, multiple infections more common in children: rural areas of Zambia

Plasmodium ovale
malaria, hookworm, Schistosoma haematobium, humans in rural environment, epidemiology in relation to malnutrition and host age, importance as public health problems: Zambia

Plasmodium ovale
malaria influence on haemoglobin A levels is not a significant factor in assessing ß-thalassaemia trait in a malarial endemic area: northern Liberia

Plasmodium ovale
malarialometric study of young children (seasonal distribution, age-specific parasite prevalence, splenic indices): Malumfashi, Northern Nigeria

Plasmodium ovale
Plasmodium spp., humans, general clinical review

Plasmodium ovale/vivax
Plasmodium vivax/ovale, prevalence rates for Nilotic and Hamitic-Semitic populations residing together in small town show that the two ethnic groups are innately different in susceptibility to patent infection with vivax malaria: Ethiopia

Plasmodium (Haemamoeba) paddae Brunnt., 1935
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
neohapantotype designated

Plasmodium (Haemamoeba) paddae Brunnt., 1942 emend. (Stabler and Kitzmuller, 1973)
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
paddae Brunnt., 1935
neohapantotype designated

Plasmodium (Giovannolaia) pediocetii Schillinger, 1942 emend. (Stabler and Kitzmuller, 1973)
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
parahapantotype designated

Plasmodium pessoai sp. n., illus.
Ayala, S. C.; Moreno, E.; and Bolanos, R., 1978, J. Parasitol., v. 64 (6), 1978, 1125-1126
Tympanuchus pallidicinctus (blood): Chaves County, New Mexico; Lipscsmb County, Texas

Plasmodium pessoai sp. n., illus.
Ayala, S. C.; Moreno, E.; and Bolanos, R., 1978, J. Parasitol., v. 64 (6), 1125-1126
Tympanuchus pallidicinctus (blood): Chaves County, New Mexico; Lipsmb County, Texas

Plasmodium pessoai sp. n., illus.
Ayala, S. C.; Moreno, E.; and Bolanos, R., 1978, J. Parasitol., v. 64 (6), 330-335
Spilotes pullatus (blood): 'La Selva' near Puerto Viejo, Heredia Province, Costa Rica

Lachesis muta (blood): Bananito, Limon Province, about 100 km to southeast, Costa Rica
Plasmodium (Giovannolaia) pinotti Muniz and Soares, 1954
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182

*neohapantotype designated*

Plasmodium pitheci, presumably
Pongo pygmaeus abelii (blood): Ketambe area, Sumatra

Plasmodium polare, illus.
Plasmodium polare, immature Chordeiles minor (blood), first report from South America, potential for intercontinental spread of avian malarias: Cali, Colombia (on migration route from North to South America)

Plasmodium (Giovannolaia) polare Manwell, 1934
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
*neohapantotype designated*

Plasmodium polare Manwell, 1934
Phylloscopus trochilus (blood): central course of Ural river, Priural region, Ural oblast

Plasmodium praecox relictum
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Plasmodium (Haemamoeba) relictum Grassi and Feletti, 1890
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
*neohapantotype designated*

Plasmodium relictum Grassi et Feletti, 1890
Luscinia svecica
Parus major
P. coeruleus (blood of all): all from central course of Ural river, Priural region, Ural oblast

Plasmodium relictum, illus.
Kingston, N.; et al., 1976, J. Wildlife Dis., v. 12 (4), 562-565
Plasmodium relictum in falcons, treated with chloroquine fallac peregrinus
F. rusticolus (blood of all): all from breeding facility near Fort Collins, Colorado

Plasmodium relictum
Plasmodium relictum, P. elongatum in Spheniscus demersus, diagnostic methods evaluated, chloroquine phosphate and primamine phosphate therapy: Baltimore Zoo

Plasmodium (Haemamoeba) relictum lutzi Lucena, 1959
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
*neohapantotype designated*

Plasmodium rhadinurum Thompson et Huff, 1944, illus.
"recognized as a distinct species at present"

Plasmodium (Novyella) rouxi (Sergent, Sergent and Catanei, 1928)
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
*neohapantotype designated*

Plasmodium scorzae new species, illus.
effects upon host cells
Phyllocladus ventralis (proerythrocytes, erythrocytes): Fundo Vega Honda, 25 km N Guanare, Municipio Guanare, Estado Portuguesa, Venezuela

Plasmodium simiovale
Collins, W. E.; and Contacos, P. G., 1979, J. Parasitol., v. 65 (4), 609-612
Plasmodium simiovale, infection and transmission studies with Macaca mulatta and Anopheles spp.
Anopheles freebourni
A. balbacinensis
A. maculatus
A. stephensi
A. atroparvus
A. quadramaculatus (all exper.)

Plasmodium simium
malaria parasites of Brazilian monkeys, summary of survey done from 1964-1968 (hosts, vectors, environmental characteristics of areas covered, discussion on zooneotic potential)

Plasmodium simium
simian malaria, Anopheles cruzi as vector in State of Sao Paulo and probably also in eastern and southern areas, A. neivai suspected as vector in Manaus area: Brazil

Plasmodium simium
Plasmodium brasiliarum, P. simium, Anopheles cruzi as possible vector Alouatta fusca clamitans: Estado do Rio Grande do Sul, Brasil

Plasmodium (Haemamoeba) subpraecox Grassi and Feletti, 1892
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
*neohapantotype designated*

Plasmodium (Novyella) tenue (Laveran and Muraliez, 1914 emend. Manwell, 1970)
Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
*neohapantotype designated*

Plasmodium traguli sp. n., illus.
Tragulus javanicus (blood, liver): Malaya
Anolis fuscoauratus (sangre): selva amazonica, Huanuco, Peru

Plasmodium tropiduri, P. berghei, P. gallinaeum, intraerythrocytic stages, morphological and enzyme cytochemical observations on chloro-phydroxy

definition; taxonomic reconsideration of saurian Plasmodium populations previously identified as P. tropiduri

Plasmodium tropiduri aquaticum subsp. nov. Telford, S. R., jr., 1979, Ann. Parasitol., v. 54 (2), 129-144
Anolis lionotus: Achiot, Colon Province, Panama
A. poecilopus: central Panama
Anolis lionotus [and/or] A. poecilopus: Costa Rica

Plasmodium tropiduri panamense subsp. nov. Telford, S. R., jr., 1979, Ann. Parasitol., v. 54 (2), 129-144
Anolis biporcutus: El Aquacate, Panama Province, Panama

diagnosis; description
Tropidurus: Brazil
T. hispidus: central Venezuela
T. torquatus: Guyana

Plasmodium vacuolatum Telford, S. R., jr., 1979, Ann. Parasitol., v. 54 (2), 129-144
reported earlier as Plasmodium tropiduri
Plica umbra: Guyana

Isidina picta
Merops superciliosus
Anthus leucophrys
Motacilla flavia
Parisoma plumbeum
Ploceus weynsi
Quelea erythrops (blood of all): all from Uganda

Plasmodium (Novyella) vaughani Novy and MacNeal, 1904 Garnham, P. C. C., 1979, J. Trop. Med. and Hyg., v. 82 (9-10), 178-182
neohapantotype designated

Phoenicurus phoenicurus (blood): central course of Ural river, Priural region, Ural oblast

Plasmodium (Novyella) vaughani Novy and MacNeal, 1904 Williams, N. A.; and Bennett, G. F., 1978, J. Parasitol., v. 64 (1), 165-166
Plasmodium vaughani, Culiseta morsitans considered functional exper. vector and possible natural vector in Tantramar Marshes, New Brunswick, status of Mansonia perturbans as potential vector requires further clarification
Agelaius phoeniceus (nat. and exper.): Tantramar Marshes, New Brunswick Culiseta morsitans (salivary glands, midgut) (exper.) Mansonia perturbans (exper.)

Plasmodium vaughani Novy and MacNeal Wincell, E. J., 1978, J. Parasitol., v. 64 (3), 558-559
Icterus grayi all from El Salvador

Plasmodium vaughani Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590
Cyanomitra olivacea: Ghana

hapantotype designated

Plasmodium vinckei Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium vinckei Cox, F. E. G., 1978, Parasitology, v. 76 (1), 55-60
Plasmodium vinckei, Babesia microti, heterologous immunity, simultaneous elimination of the two species from blood of doubly infected mice

Plasmodium vinckei, illus.
Heidrich, H. G.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 151-159
Plasmodium vinckei, separation of infected and uninfected mouse erythrocytes and isolation of free parasites by free-flow electrophoresis

Plasmodium vinckei Nickel, P.; et al., 1978, Arzneimittel-Forsch., v. 28 (4), 578-581
Plasmodium vinckei, synthesis of 2- and 4-amino derivatives of 6-(4-diethylamino-1-methylbutylamino)-5,8-dimethoxyquinoline, laboratory trials in mice for possible anti-malarial activity
Plasmodium vinckei
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
Parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Plasmodium vinckei brucechwatti
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium vinckei chabaudi Landau, 1965
Coccidiodormorph, life cycles, mechanisms assuring continuation of transmission, thesis
Thamnomys rutilans: Republice Centrafricaine
Thamnomys sp. proches de surdaster (exper.)

Plasmodium vinckei lentum
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium vinckei lentum Landau et coll., 1969
Coccidiodormora, life cycles, mechanisms assuring continuation of transmission, thesis
Thamnomys rutilans: Congo-Brazzaville

Plasmodium vinckei lentum
Michel, J. C.; Lagrange, P. H.; and Hurtrel, B., 1979, Parasite Immunol., v. 1 (4), 267-275
Plasmodium-infected mice, profound alteration of inductive phase of delayed-type hypersensitivity and antibody formation to sheep erythrocytes when sensitization with antigen was performed intravenously at critical time of disease but not after subcutaneous immunization, suggests major role for spleen in mechanism of immunodepression

Plasmodium vinckei petteri
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

Plasmodium vinckei petteri
Acute malaria and babesiosis, hypothesis that endotoxin (lipopolysaccharide) causes both the disease and the parasite death, experiments in mice

Plasmodium vinckei petteri
Clark, I. A., 1979, Infect. and Immun., v. 24 (2), 319-325
Babesia spp., Plasmodium vinckei petteri, mice, protection conferred by pretreatment with extract of Convolvulus burnetii, possible involvement of interferon or tumor necrosis factor

Plasmodium vinckei petteri, illus.
Eugui, E. M.; and Allison, A. C., 1979, Parasitology, v. 79 (2), 267-275
Plasmodium, 3 murine spp., density-gradient centrifugation in metrizamide for separating uninfected erythrocytes from erythrocytes containing parasites in different developmental stages

Plasmodium vinckei vinckei Rodhain 1952, illus.
Plasmodium v. vinckei; P. b. berghei, biology of rodent malaria, monograph covering life cycle in vertebrate and invertebrate hosts, light and electron microscopic study of morphology

Plasmodium (Vinckeia) vinckei vinckei
Plasmodium (Vinckeia) spp., value of DNA misuties employing buoyant density determinations and measurements of nucleotide sequence homology in systematics and identification

Plasmodium vinckei vinckei
Plasmodium berghei 'NS lines' form distinct taxon within P. yoelii complex and should be referred to as P. yoelii subspecies on basis of isoenzyme, DNA, and cross-immunity relationships with other rodent Plasmodium spp.

Plasmodium vivax
Abranches, P., 1975, Rev. Portug. Med. Mil., v. 23 (1-2), 64-66
Plasmodium spp., differential diagnosis, review

Plasmodium vivax
Plasmodium vivax, consecutive mosquito transmission from Actotus trivirgatus to A. trivirgatus
Plasmodium vivax
Plasmodium vivax, human, determination of antibody titres using indirect haemagglutination test, relationship to host age

Plasmodium vivax
high incidence of splenomegaly in Indians of Alto Xingu region, serological investigation for various parasitic diseases indicated only malaria as a possible cause: Brazil

[Plasmodium] vivax
P[lasmodium] spp., association with tropical splenomegaly syndrome in Indians from Alto Xingu region, Central Brazil

Plasmodium vivax
human malarias, clinical findings, brief review

Plasmodium vivax
Plasmodium spp., epidemiologic review: Philippines

Plasmodium vivax
Plasmodium vivax, humans, 2 regimens of primaquine (5-day; single dose) in combination with amodiaquine compared with amodiaquine alone, field evaluation: Zapotitlan Valley, El Salvador

Plasmodium vivax
Plasmodium gallinaceum-parasitized chicken erythrocytes used in a practical hemagglutination test for IgM antibodies in human malarias, useful complementary tool for sero-epidemiologic studies

Plasmodium vivax
malaria, human, large post-war outbreak in highly urbanized area, epidemiology, vector survey, outbreak traced to at least one imported case from neighboring country where malaria is endemic: Whampoa-Kallang area of Singapore

Plasmodium vivax
Plasmodium vivax, men, case reports, infected during hunting trip to Honduras: Missouri

Plasmodium vivax
Chu, J. K., 1972, Taehan Uihak Hyophoe Chi (J. Korean Med. Ass.), v. 15 (8), 685-690
human parasites, differential diagnosis

Plasmodium vivax
Collins, W. E.; et al., 1979, J. Parasitol., v. 65 (4), 605-608
Plasmodium vivax, Plasmodium falciparum, Aotus trivirgatus, effect of prior malarial experience with one species on subsequent malarial infection with another species in terms of parasitemia and mosquito infectivity

Plasmodium vivax
Plasmodium falciparum, P. vivax (2 strains), Anopheles freeborni (exper.), susceptibility of natural and selected pupal color phenotypes to infection

Plasmodium vivax
imported malaria, increased incidence, in-adequate prophylaxis, frequent re-infestation in black Africans living in France and returning periodically to endemic areas, special risks for pregnant women: Paris

Plasmodium vivax
Plasmodium vivax infection of Anopheles littoralis (salivary glands) (exper.)

Plasmodium vivax
Plasmodium vivax, P. falciparum in Anopheles stephensi (nat. and exper.), only likely vector in Salem, Tamil Nadu

Plasmodium vivax
human malarias and amoebiasis, brief review of current diagnostic methods

Plasmodium vivax
Dei, C. E.; et al., 1979, Ann. Parasitol., v. 54 (5), 567-570
Plasmodium, diagnosis, advantages of Errecart's modified technique for making thick blood films

Plasmodium vivax
Desjardin, R. E.; et al., 1979, Clin. Pharm. and Therap., v. 26 (3), 372-379
Plasmodium falciparum, healthy and infected humans, mefloquine hydrochloride, kinetics

Plasmodium vivax
malaria, children, prevalence, comparison with findings prior to start of control program: Xingu Indian Reservation, Mato Grosso State, Brazil

Plasmodium vivax
Plasmodium vivax, humans, pyrimethamine alone or combined with sulfadoxine is not effective therapy for acute episode: Thailand
Plasmodium vivax
Donaldson, P.; et al., 1978, Stain Tech., v. 53 (4), 225-227
Plasmodium spp., diagnosis using borax methylene blue, spectroscopic and staining data

Plasmodium vivax
malaria outbreak among campers in sparsely-populated ranching region, epidemiologic search revealed presence of infected Mexican migrant worker and anopheline mosquitoes thus providing environment for secondary spread of infection to indigenous population: Texas

Plasmodium vivax
Plasmodium falciparum, P. vivax, statistics of survey using thick blood films and indirect fluorescent antibody test, results showed low prevalence of infection and that P. vivax was the predominate parasite: Amazonas

Plasmodium vivax
Dutta, H. M.; and Dutt, A. K., 1978, Social Sc. and Med., v. 12 (2D), 69-84
malaria ecology, a global perspective, extensive review

Plasmodium vivax
Eichenlaub, D.; Reimann, E.; and Bunjes, R., 1979, Deutsche Med. Wchnschr., v. 104 (8), 288-292
Plasmodium vivax, children and adults, case reports, epidemic region in southern Turkey (Adana and Tarsus)

Plasmodium vivax
Plasmodium spp., humans emigrating or returning from endemic areas, striking rise in incidence, need for use of prophylactic drugs by travelers to endemic areas and for increased vigilance in diagnosing and treating malaria: East Birmingham Hospital and St. Thomas's Hospital, London

Plasmodium vivax
Elsagha, E. F.; et al., 1979, J. Med. Chem., v. 22 (10), 1247-1257
Plasmodium spp., antimalarial activity of 2,4-diamo-6-(2-naphthylsulfonyl)quinazoline and related 2,4-diamo-6-((phenyl and naphthyl)sulfinyl and sulfonyl)quinazolines

Plasmodium vivax
human malarias and amoebiasis, brief review of current therapeautic and prophylactic measures

Plasmodium vivax
Fernex, M., 1979, Therap. Umschau, v. 36 (3), 205-210
tropical protozoan diseases, humans traveling to endemic areas, preventive measures, review

Plasmodium vivax
partial suppression of Plasmodium gallinaeum and P. vivax in Aedes mosquito and Anopheles stephensi doubly infected with Nosema algerae and Plasmodium, epidemiological significance

Plasmodium vivax
malaria, human, treatment recommendations

Plasmodium vivax
Gimeno de Sande, A., 1975, Rev. San. e Hig. Pub., v. 49 (2), 109-140
human malarias, epidemiologic survey of diagnosed cases that have occurred in Spain since 1964 (all malarias thought to have been eradicated as of that date); all reported cases since that time were found to be imported by persons from endemic areas

Plasmodium vivax

Plasmodium vivax
Plasmodium vivax, humans, possible association of disseminated intravascular coagulation and hyperuricaemia, improvement after chloroquine therapy

Plasmodium vivax
Haruta, S.; et al., 1978, Rinsho Shinkeigaku (Clin. Neurol.), v. 18 (2), 103-107
human malaria, man, possible etiologic significance of malarial fever in the development of hemiparkinsonism, case report

Plasmodium vivax
human malaria imported into Switzerland by travellers to tropical endemic areas, statistical review of reported cases, suggestions for diagnosis and clinical management

Plasmodium vivax
malaria, human, cases along newly opened roads, particularly from survey north of rio Urubu, recommendations for settlements along future roads: Amazon basin, Brasil

Plasmodium vivax
Hyman, B. C.; and MacInnis, A. J., 1979, J. Parasitol., v. 65 (3), 421-425
Plasmodium spp., rapid detection in blood smears by fluorescence microscopy with 4'6 diamidino-2-phenylindole; can also be used to stain Toxoplasma and microfilariae

Plasmodium vivax
Anopheles minimus (malaria vector), responses to DDT residual spraying in cleared forested foothill area, appeared to reduce estimated vectorial capacities but effect was not maintained and malaria transmission was not interrupted: central Thailand
Protozoa

Plasmodium vivax
Janota, I.; and Doshi, B., 1979, J. Clin. Path., v. 32 (8), 760-772
fatal malignant tertian cerebral malaria, 4 case reports: United Kingdom (English travellers returning from Africa)

Plasmodium vivax
malaria, travellers, chemoprophylaxis, recommendations

Plasmodium vivax
malaria, human, situation 1970-1974 in Singapore

Plasmodium vivax
Kurlekar, N.; and Mehta, B. C., 1979, Indian J. Med. Research, v. 70, 206-208
diagnostic accuracy of beta thalassemia trait based on haemoglobin-A2 levels in an individual or population not altered by the presence of malarial infections

Plasmodium vivax
Plasmodium vivax, man, transient an-alpha-lipoproteinemia during infection, lipid electrophoresis a sensitive test for diagnosis

Plasmodium vivax
Plasmodium vivax, P. falciparum, humans, clinical aspects, diagnosis, therapy

Plasmodium vivax
Plasmodium spp., humans, concentration of parasitized erythrocytes by centrifugation on Ficoll R solution, useful method when attempting to confirm doubtful diagnosis

Plasmodium vivax
Lopez, C. E.; Ruebush, T. K. II; and Schultz, M. G., 1979, J. Infect. Dis., v. 139 (2), 255-260
malaria, American civilians, detailed analysis of cases acquired during travel abroad, 1970-1976

Plasmodium vivax
Plasmodium vivax, high susceptibility of Duffy blood group-negative Aotus trivirgatus griseimembra

Plasmodium vivax
Lysenko, A. Ia., 1977, Protozoology, v. 5, 149-157
Plasmodium vivax, patterns of incubation periods and relapses in various strains, review

Plasmodium vivax
malaria, observations on imported human cases, diagnostic importance, clinical aspects: SSSR

Plasmodium vivax
Maier, W. A.; and Piekarski, G., 1979, Immun. u. Infekt., v. 7 (3), 75-82
malaria, human, diagnosis, indirect immunofluorescent test using Plasmodium herghei or P. falciparum as antigen

Plasmodium vivax
malaria, standardization of indirect fluorescent antibody test

Plasmodium vivax
Plasmodium spp., detection and measurement of species-specific malarial antibodies using standardized indirect fluorescent antibody test

Plasmodium vivax
malaria, humans, role in tropical splenomegaly syndrome, current appraisal, review

Plasmodium vivax
Plasmodium vivax in 33-year-old non-immune patient being treated with chloroquine, changes in serum lipoproteins

Plasmodium vivax
malaria, 4 yearly surveys in Surinam with indirect hemagglutination test, general comments on seroepidemiologic surveys and mathematical models for assessment of malaria transmission rates, symposium presentation

Plasmodium vivax
Miller, L. H.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (6), 1069-1072
Plasmodium vivax, 13 American blacks infected while in Vietnam were all Duffy blood group positive, lends support to hypothesis that Duffy negative genotype is basis for resistance of blacks to vivax malaria

Plasmodium vivax
human malaria, contributions of author to the study of malaria and its eradication in Ecuador

Plasmodium vivax
Ascaris lumbricoides, and unusual free-living from malaria, localized forehead edema, heavy infestation with Ascaris lumbricoides, and unusual freedom from malaria, piperazine treatment of ascariasis resulted in attacks of malaria, suppression of malaria may be nutritional consequence of severe ascariasis and may represent ecological balance for optimum co-survival of host and two parasites: Anjouan, Comoror archipelago
Plasmodium vivax
Naggan, L.; Kark, J.; and Egoz, N., 1973
Rev. Internat. Serv. Sante Armees, v. 46 (11), 749-753
malaria in Israel and Israeli-held territories, assessment of increasing incidence 1967-1971

Plasmodium vivax
Plasmodium falciparum, P. vivax, prevalence survey in hospital patients, discussion of changes in prevalence with introduction of chloroquine resistant strains of P. falciparum, treatment trials with various malarial drugs: Brazil

Plasmodium vivax
Plasmodium malariae, P. vivax, survey of blood transfusion-induced infections, diagnostic problems, chloroquine therapy, problems, in blood donor control: Mexico

Plasmodium vivax
Plasmodium spp., human, prevalence by parasite species and by host age group, dramatic response to mass chemoprophylaxis with chloroquine: Gezira and Bor regions, Sudan

Plasmodium vivax
Human malariae, comparative study of prophylaxis using chloroquine and a combination of sulfadoxine and pyrimethamine: residents of rubber estate in central Malaysia

Plasmodium vivax
Plasmodium spp., servicemen returning from Vietnam, relationships between chemoprophylaxis history and occurrence and timing of post-departure episodes of malaria: Iowa City VA Hospital

Plasmodium vivax
Plasmodium vivax, epidemiologic factors relative to recent resurgence of autochthonous human infection in Turkey

Plasmodium vivax
Rane, D. S.; and Kinnamon, K. E., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 937-947
Sporozoite-induced Plasmodium berghei in mice, development of high volume tissue schizontidal drug screen based upon mortality of infected mice

Plasmodium vivax
Plasmodium spp., issue devoted to current status of human malarias with discussion on: life cycle, geography of high volume tissue, immunopathology, diagnosis, clinical management, treatment and prophylaxis

Plasmodium vivax
Plasmodium vivax, method for determination of periods of disease transmission by analyses of regional or local climatograms: Brazil

Plasmodium vivax
Plasmodium vivax, P. falciparum, hypersensitive treatment with 600 mg. chloroquine base, good response, no RII or RIII type chloroquine resistance seen: Dharmapuri and North Arcot districts, Tamil Nadu State

Plasmodium vivax
Plasmodium vivax, P. falciparum, P. malariae, human, distribution in reappearance phase, 1970 and 1975: Karnataka and Tamil Nadu States

Plasmodium vivax
Plasmodium vivax, malarialometric indices in resurgent malaria, relationship of annual parasite incidence with child spleen and parasite rates: Karnataka State, India

Plasmodium vivax
Parasitic diseases, human, serum immunoglobulin and complement profile: India

Plasmodium vivax
Plasmodium spp., statistics of infection by blood transfusions, cases reported in France from 1960-1974, comparison with statistics from other non-endemic areas

Plasmodium vivax
Malaria, humans, incidence of parasites in peripheral blood of out-patients: Siriraj Hospital

Plasmodium vivax
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, courses of untreated infections, in-depth characterization

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Plasmodium vivax
Plasmodium falciparum, P. vivax, various drug-resistant and drug-susceptible strains in Aotus trivirgatus griseimembra, capacity of sulfadiazine to enhance activities of WR-158,122 and WR-159,412

Plasmodium vivax
Plasmodium spp. in monkeys, floxacrine, lacking in radical curative activity, significant prophylactic activity but with requirement for daily dosage, untoward host reaction

Plasmodium vivax
Plasmodium falciparum in Aotus trivirgatus griseimembra, pilot appraisals of activities of 12 4-quinolinemethanols, further appraisal of mefloquine with P. vivax in Aotus trivirgatus and P. cynomolgi in Macaca mulatta

Plasmodium vivax
Plasmodium falciparum and P. vivax in Aotus trivirgatus griseimembra, antimalarial activities of various 4-pyridinemethanols with special attention to WR-172,435 and WR-180,409, includes some [apparently unpublished] results of other workers for P. berghei and these same compounds

Plasmodium vivax
Plasmodium falciparum, P. vivax, Aotus trivirgatus griseimembra, antimalarial activities of WR-184,806 and WR-226,253

Plasmodium vivax
Plasmodium falciparum, P. vivax, Aotus trivirgatus griseimembra, antimalarial activities of WR-194,965 and WR-204,165

Plasmodium vivax
Sharma, B. K.; et al., 1979, Lancet, London (8150), v. 1, 1340-1341 [Letter]
Plasmodium vivax antigen, 40-year-old male, likely cause of recurrent anaphylaxis

Plasmodium vivax
Sheehy, T. W., 1979, Current Therapy (Conn), 37-39
malaria, human, treatment, prophylaxis, review

Plasmodium vivax
Shin, J. W., 1974, Taehan Ui hak Hyophoe Chi (J. Korean Med. Ass.), v. 17 (8), 569-573
Plasmodium spp., human, life cycle, therapeutic recommendations

Plasmodium vivax
Plasmodium falciparum, P. vivax, human (Duffy blood group positive and negative, black and white), indirect fluorescent antibody titers, slide-demonstrated infection rates, Duffy negative genotype appears to be factor in resistance to P. vivax: Honduras

Plasmodium vivax
Strickland, G. T., 1978, Tropenmed. u. Parasi tol., v. 29 (2), 198-203
Plasmodium-infected humans, sera are mitogenic for mouse splenic lymphocytes and interfere with indirect hemagglutination test for lipid-A antibodies

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Strickland, G. T.; DeSilva, S.; and Sayles, P. C., 1979, Tropenmed. u. Parasitol., v. 30 (1), 35-42
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Plasmodium malariae, P. vivax, sero-epidemiologic survey (value of indirect immunofluorescence test emphasized) of coinciding foci of human malaria and leptospirosis in the Peruvian Amazon area

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Plasmodium vivax, North Korean and Chesson strains, laboratory tests showed that local mosquitoes (A[nopheles] 1[abranchiae] atroparvus) were capable of being infected by imported malarias, public health implications: Romania
Plasmodium vivax
Thompson, R. G.; et al., 1979, Brit. Med. J. (0168), v. 1, 952 [Letter]
malaria, immigrants and travellers, incidence, recommendations for educating travellers and the general public: Wolverhampton

[Plasmodium] vivax
primaquine possesses potent immunosuppressive activity at concentrations within therapeutic range for vivax malaria

Plasmodium vivax
Tomaszunas, S., 1974, Przegl. Epidemiol., v. 28 (2), 119-148
human malarias, nomadic migration, local customs, low levels of education and lack of sufficient health services contribute to spread of infections and difficulties in establishing control measures in Afghanistan

Plasmodium vivax
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Plasmodium vivax
Plasmodium vivax infection in man thought to have hepatic amoebiasis because of complaints of jaundice, fever, and hepatomegaly, after blood smears revealed evidence of malaria man was cured with chloroquine and dapsone: Chile, had made recent visit to Brazil

Plasmodium vivax
Van Ros, G.; et al., 1978, Am. J. Trop. Med. and Hyg., v. 27 (4), 659-663
Plasmodium spp.-infected patients, hemoglobin A2 levels not statistically different from healthy controls, malaria is thus unlikely to influence results of surveys for ß-thalassemia in malaria-endemic areas

Plasmodium vivax
Vu Thi Phan, 1977, Sante Pub., v. 20 (2), 147-156
human malarias, current status, eradication programs: Republique Socialiste du Vietnam

Plasmodium vivax
Plasmodium vivax and P. falciparum in UK citizens travelling abroad and in visitors or new residents to Britain, importance of prophylaxis

Plasmodium vivax
Plasmodium vivax- and P. falciparum-infected Anopheles albimanus (exper.), susceptibility of natural pupal phenotypes to infection

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Plasmodium vivax, P. falciparum, human, survey, indirect immunofluorescence test, prevalence of antibodies: Costa Rica

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Wells, R. A.; et al., 1979, Clin. and Exper. Immunol., v. 35 (2), 202-209
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Plasmodium vivax/ovale
Plasmodium vivax/ovale, prevalence rates for Nilotic and Hamitic-Semitic populations residing together in small town show that the two ethnic groups are innately different in susceptibility to patent infection with vivax malaria: Ethiopia

Plasmodium yoelii
Buengener, W., 1979, Tropenmed. u. Parasitol., v. 30 (2), 198-205
Plasmodium spp. in mice, parasitization of mature vs. immature erythrocytes

Plasmodium yoelii
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

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Plasmodium yoelii, illus.
Eugui, E. M.; and Allison, A. C., 1979, Parasitology, v. 79 (2), 267-275
Plasmodium, 3 marine spp., density-gradient centrifugation in metrizamide for separating uninfected erythrocytes from erythrocytes containing parasites in different developmental stages

Plasmodium yoelii
Freeman, R. R., 1978, Cellular Immunol., v. 41 (2), 373-379
Plasmodium, delayed-type hypersensitivity to sheep erythrocytes was depressed during fatal P. berghei and self-limiting P. yoelii infections in mice, immunological lesion found to be at level of DTH expression (i.e., inflammatory response) rather than at level of T cell sensitization

Plasmodium yoelii
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Plasmodium yoelii
Freeman, R. R.; and Parish, C. R., 1978, Immunology, v. 35 (3), 479-484
Plasmodium, spleen cell changes during fatal P. berghei vs. those during self-limiting P. yoelii infections in mice, protective immunity is associated with marked and sustained increases in numbers of Ig and Thy-1.2 splenocytes and in fatal infections these proliferative responses are apparently suppressed

Plasmodium yoelii
Hunter, K. W., jr.; et al., 1979, J. Immunol., v. 123 (1), 133-137
Plasmodium yoelii, defective resistance in CBA/N mice, demonstrates that Thy-1+ gene that affects B cell function influences malarial resistance in mice

Plasmodium yoelii
Jayawardena, A. N.; et al., 1978, Immunology, v. 34 (1), 157-165
Plasmodium berghei yoelii (P. yoelii), mice, passive transfer of immunity with serum and cells

Plasmodium yoelii
Plasmodium yoelii in intact and T cell-deprived mice carrying CBA/N X chromosome, course of infection, specific fluorescent antibody levels, anti-erythrocyte autoantibody responses; effect of CBA/N X chromosome on secondary responses

Plasmodium yoelii, illus.
Landau, I.; et al., 1979, Ann. Parasitol., v. 54 (2), 145-161
Plasmodium yoelii, gametocytes, morphology, development, infectivity

Plasmodium yoelii
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Plasmodium yoelii
Lelchuk, R.; et al., 1979, Parasite Immunol., v. 1 (1), 61-78
Plasmodium yoelii and P. berghei-infected mice and vaccinated mice challenged with homologous parasites, changes in phagocytic and adherent cell numbers, development and suppression of population of late-adhering macrophages

Plasmodium yoelii
Plasmodium berghei, Babesia rodhaini, mice, attempts to raise host-protective sera using variety of immunization manipulations (BCG injection, P. yoelii infection, others)

Plasmodium yoelii
Murphy, J. R.; and Lefford, M. J., 1979, Infect. and Immum., v. 23 (2), 384-391
Plasmodium yoelii, mice, defense mechanism against infection is mediated by humoral factors in absence of demonstrable cell-mediated immunity

Plasmodium yoelii
Plasmodium yoelii- or P. berghei-vaccinated mice, cell-mediated immunity in liver

Plasmodium yoelii
Playfair, J. H. L.; and De Souza, J. B., 1979, Parasite Immunol., v. 1 (3), 197-208
Plasmodium yoelii- or P. berghei-vaccinated mice, immunofluorescent antibody response with particular reference to antibody class and subclass, correlation with protection, passive transfer experiments, effect of macrophage stimulation and inhibition on antibody and on protection

Plasmodium yoelii
Plasmodium yoelii in immunologically competent mice and mice with defined immunological deficiencies, results indicate that splenomegaly, enhanced phagocytosis, and anemia are thymus-dependent responses to malaria infection
Plasmodium yoelii
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Plasmodium yoelii
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Plasmodium yoelii
Wylar, D. J.; Oppenheim, J. J.; and Koontz, L. C., 1979, Infect. and Immun., v. 24 (1), 151-159
Plasmodium yoelii, mice, effects of infection on ability of adherent mononuclear cells to elaborate soluble mediators that regulate lymphocyte activation in vitro

Plasmodium yoelii
Comparative study of glucose catabolism by infected mouse erythrocytes, glucose utilization and lactate production of parasites

Plasmodium yoelii killiciki
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
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Plasmodium yoelii nigeriensis
Dei Cas, E.; et al., 1979, Ann. Parasitol., v. 54 (5), 567-570
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Plasmodium yoelii nigeriensis
Landau, I.; et al., 1979, Ann. Parasitol., v. 54 (2), 145-161
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Plasmodium yoelii nigeriensis
Plasmodium yoelii nigeriensis, mice, successful immunization against sexual stages using formalin-fixed gametes, vaccinated mice were also strongly protected against asexual erythrocytic stages

Plasmodium yoelii nigeriensis
Plasmodium, Babesia, and Anthemosoma spp. in mouse erythrocytes, identification of enzymes of parasite origin using starch-gel electrophoresis

Plasmodium yoelii nigeriensis
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Plasmodium yoelii nigeriensis
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Plasmodium yoelii nigeriensis
Toye, P. J.; Sinden, R. E.; and Canning, E. U., 1977, Ztschr. Parasitenk., v. 53 (2), 133-141
Plasmodium yoelii nigeriensis mature gametocytes incubated with various metabolic inhibitors, antibiotics, effects on microgametogenesis studied, results show de novo synthesis of axonemes and proteins essential to microgametogenesis, some results suggest possibility that de novo RNA synthesis is also required
Plasmodium yoelii yoelii
Carter, R., 1978, Parasitology, v. 76 (3), 241-267
Plasmodium berghei, P. yoelii, P. vinckei, P. chabaudi, and their subspecies, electrophoretic variation of enzymes glucose phosphate isomerase, 6-phosphogluconate dehydrogenase, lactate dehydrogenase, and glutamate dehydrogenase, detailed description of technique, genetic and taxonomic implications, key for identification of murine plasmodia by enzyme type

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Landau, I.; et al., 1979, Ann. Parasitol., v. 54 (2), 145-161
Plasmodium yoelii, gametocytes, morphology, development, infectivity

Plasmodium yoelii yoelii
McBride, J. S.; and Micklem, H. S., 1977, Immunology, v. 33 (2), 253-259
Plasmodium yoelii-infected mice, depressed primary response to bovine serum albumin

Plasmodium yoelii yoelii
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Plasmodium yoelii yoelii
Strambachova-McBride, J.; and Micklem, H. S., 1979, Immunology, v. 56 (3), 607-614
Plasmodium berghei, P. y. yoelii, mice, primary antibody response to immunogenic alum-adsorbed bovine serum albumin (BSA) was depressed and induction of immunological memory by soluble polymerized BSA was suppressed in both infections but neither interfered with induction of low-zone tolerance by monomeric BSA

Plasmodium yoelii yoelii
Strambachova-McBride, J.; and Micklem, H. S., 1979, Parasite Immunol., v. 1 (2), 141-157
Plasmodium berghei- and P. yoelii yoelii-infected mice, immunosuppression, secondary response to bovine serum albumin

Plasmosoma jerichoense Huntemueller, 1914, nec P. jerichoense (Kirk, 1949)
as syn. of Leishmania tropica (Wright, 1903) Luehe, 1906

Plata subgen. n.
subgen. of Cepedea
type sp.: Cepedea (Plata) plata Metcalf, 1940

Plata
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Pleistophora. See also Plistophora.

Pleistophora sp.
Pleistophora sp., Vairimorpha necatrix, retention of infectivity after passage through gut of Zelus exsanguis Dasychira basiflava
Estigemene acrea (exper.)

Pleistophora sp., illus.
Thelohania duorara, Agmasoma penaei, and Pleistophora sp. in Penaeus duorum, pathology, tissue specificity: southern Biscayne Bay

Pleistophora blatellae n. sp.
Biatella germanica (epithelium of Malpighian tubules, lumen of tubules): Andhra University Campus at Waltair (India)

Pleistophora chironomi (Debaiesieux, 1928) comb. nov. illus.
Syns.: Thelohania chironomi Debaiesieux, 1928; Pleistophora thienemanni (Debaiesieux, 1928)

Pleistophora jiroveci Weiser, 1942, illus.

Pleistophora ovariae
Pleistophora ovariae, absence of infection in Carassius auratus despite prolonged natural exposure and artificial exposure by intraperitoneal and intramuscular injection of spores: Stoutland, Missouri

Pleistophora schubergi Zwolfer, 1927
Laspeyresia pyrivora
Caropcapsa pyrivora
(all exper.)
Pleistophora schubergi
Nosema fumiferanae, Pleistophora schubergi, incidence of infection in spruce budworm (Choristoneura fumiferana) 1 and 2 years after application of microsporidian spores to trees: Ontario

Pleistophora schubergi
feeding of Pleistophora schubergi to Choristoneura fumiferana naturally infected with Nosema fumiferanae results in greater adverse effects on budworms than either parasite alone, may play useful role in biological control

Pleistophora simulii (Lutz & Splendore), illus.
Loubes, C., 1979, J. Protozool., v. 26 (2), 200-208
Microsporida, synaptonemal complexes demonstrated in 6 genera but not in Nosema, implications for life cycles

Pleistophora simulii (Lutz et Splendore, 1904), illus.
Maurand, J.; and Loubes, C., 1978, Ztschr. Parasitenk., v. 56 (2), 131-146
microsporidians from simulid larvae, ultrastructural studies of simulid larvae: region languedocienne (Sud de la France)

Pleistophora spraguei (Debaisieux, 1931) nom. nov., illus.
Syn.: Pleistophora chironomi Debaisieux, 1931

Pleistophora sulci Rasin 1936, 1949 (Sprague and Vavra, 1977) (Cocconema sulci)
Raikova, E. V.; Suppes, V. C.; and Hoffman, G. L., 1979, J. Parasitol., v. 65 (5), 804-810
Polyodon spathula (ooocytes): Osage River, Missouri

Plistophora. See also Pleistophora.

Plistophora [sp.] or Thelohania [sp.], illus.
Herman, R. L.; and Putz, R. E., 1970, J. Wildlife Dis., v. 6 (3), 173
icatalurus punctatus (ventricle of heart, intestinal sub-mucosa): Maryland

Plistophora sp.
parasites of Anguilla mossambica, importance of disease control in aquaculture
Anguilla mossambica (muscles, serosa): South Africa

Plistophora sp.
Miln, A. J., 1978, N. Zealand Entom., v. 6 (4), 392-399
Costelytra zealandica: New Zealand

Plistophora chironomi Debaisieux, 1931
as syn. of Pleistophora spraguei (Debaisieux, 1931) nom. nov.

Plistophora elegans
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Plistophora schubergi Zwoelfer
Plistophora schubergi, effect of microsporidia on development of diapause in noctuids, biological control

Barathra brassicae
Mamestra dissimilis
M. persicariae
M. pisi (all exper.)

Plistophora schubergi Zwoelfer
Nilova, G. N.; and Strel'nikova, L. V., 1974, Parazitologiia, Leningrad, v. 8 (5), 463-468
Plistophora schubergi, Nosema agrotidis, effect of ultraviolet radiation on viability of spores

Plistophora schubergi aporiae
Issi, I. V., 1971, Parazitologiia, Leningrad, v. 5 (4), 297-301
Plistophora schubergi, subspecies are morphologically identical but characterized by a certain degree of host specificity and possibly by divergence of biochemical and physiological characters, implications for possible methods of speciation among the Microsporida

Plistophora schubergi balbiani [?n. rank]
Issi, I. V., 1971, Parazitologiia, Leningrad, v. 5 (4), 297-301
Plistophora schubergi, subspecies are morphologically identical but characterized by a certain degree of host specificity and possibly by divergence of biochemical and physiological characters, implications for possible methods of speciation among the Microsporida

Plistophora schubergi hypanthrae
Issi, I. V., 1971, Parazitologiia, Leningrad, v. 5 (4), 297-301
Plistophora schubergi, subspecies are morphologically identical but characterized by a certain degree of host specificity and possibly by divergence of biochemical and physiological characters, implications for possible methods of speciation among the Microsporida

Plistophora schubergi noctuidae
Issi, I. V., 1971, Parazitologiia, Leningrad, v. 5 (4), 297-301
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Levchenko, N. G.; Tokarev, G. G.; and Grinin, V. S., 1974, Parazitologiiia, Leningrad, v. 8 (6), 543-547
Plistophora tabani sp. n., pathogenicity Tabanus sp. (fat body, hemolymph): USSR, Turgen river basin, Zailiiskii Alatau, Kazakhstan

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Pneumocystis carinii
Barlow, R. M.; et al., 1975, Rocky Mountain Med. J., v. 72 (8), 340-344
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Cash, R. L.; Cutts, W. B.; and Quinn, R. F., 1976, Rocky Mountain Med. J., v. 73 (1), 31-32
Pneumocystis carinii pneumonia in immunocompromised man who was receiving continuous assisted ventilation via tracheostomy tube, diagnosis using tracheostomy tube adapter for fiberbronchoscopy

Pneumocystis carinii, illus.
Chandler, F. W., jr.; Frenkel, J. K.; and Campbell, W. G., jr., 1979, Am. J. Path. (444), v. 95 (2), 571-574
Pneumocystis carinii pneumonia in immunosuppressed rat, animal model of human disease

Pneumocystis carinii, illus.
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Pneumocystis carinii
Cross, J. H., 1975, Taiwan Hsueh Hui Tsa Chih (J. Formosan Med. Ass.), v. 72 (7), 407-412
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Dee, P.; Winn, W.; and McKee, K., 1979, Am. J.
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Pneumocystis carinii
Doppman, J. L.; Geelhoed, G. W.; and De Vita, V. T., 1975, Radiology, v. 114 (1), 39-44
Pneumocystis carinii pneumonia, humans, atypical radiographic features discovered in over 50% of patients with known infections, since few X-rays can completely exclude this infection biopsy also may be necessary

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Eguia Lis, S., 1975, Semana Med. Centroamerica y Panama (333), an. 10, v. 26 (10), 236-238
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Pneumocystis carinii
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Pneumocystis carinii
Fennessy, J. J.; et al., 1974, Radiology, v. 110 (3), 555-561
Pneumocystis carinii, humans, diagnosis by means of transcatheter biopsy, frequently can detect infections when other methods have failed

Pneumocystis carinii
Sorex araneus
Rattus norvegicus
(Lunge of all): all from Neusiedlersee-gebiet, nordlichen Burgenland

Pneumocystis carinii
Pneumocystis carinii pneumonia in older persons (17-76 years old) who were being treated with corticosteroids and cytotoxic drugs because of associated malignancies

Pneumocystis carinii
co-trimoxazole for treatment of serious infections, review including information on Pneumocystis carinii, malaria, and toxoplasmosis

Pneumocystis carinii, illus.
Pneumocystis carinii, pneumonia, children, pathology, diagnosis, clinical aspects

Pneumocystis carinii
Gottschall, J. L.; et al., 1979, Lab. Invest., v. 41 (1), 5-12
morphologic changes of rat type II pneumocytes induced by oxytetracycline, may be important in interpreting studies of experimental infections with Pneumocystis carinii

Pneumocystis carinii, illus.
Greenberg, S. D.; et al., 1972, Texas Med., v. 68, 87-92
human pulmonary diseases, electron microscopic study of pathogenesis and pathophysiology, includes Pneumocystis carinii

Pneumocystis carinii, illus.
Gretillat, P.; et al., 1979, Arch. Fr. Pediatri., v. 36 (8), 813-817
Pneumocystis carinii pneumonia, 6-month-old Korean infant with congenital syphilis and malnutrition, case report: France

Pneumocystis carinii
Hahn, H. L., 1977, Therapiewoche, v. 27 (48), 8784-8794
pneumonia, humans, etiology, includes clinical aspects, diagnosis, therapy of toxoplasmosis and Pneumocystis carinii

Pneumocystis carinii, illus.
Pneumocystis carinii pneumonia in immunosuppressed humans, review to aid in diagnosis and treatment

Pneumocystis carinii
Hughes, W. T., 1979, Antimicrob. Agents and Chemotherapy, v. 16 (3), 333-335
Pneumocystis carinii, immunosuppressed rats, trimethoprim-sulfamethoxazole has limited rather than lethal effect, protection is afforded only during period of administration
Pneumocystis carinii
Pneumocystis carinii, children, comparison of pentamidine isethionate and trimethoprim combined with sulfamethoxazole (TMP-SMZ) in treating Pneumocystis pneumonia, results show that TMP-SMZ is as effective as pentamidine, offers minimal side effects, oral administration and is more readily available.

Pneumocystis carinii, illus.
Pneumocystis carinii, method for concentration and quantitation of cysts.

Pneumocystis carinii, illus.
Pneumocystis carinii, human, early diagnosis with lung biopsy may be lifesaving, clinical case report.

Pneumocystis carinii
Pneumocystis carinii, human, fatal pneumocystis pneumonia after renal transplantation, clinical and radiologic findings with diagnosis confirmed only on autopsy, clinical case report; needle biopsy recommended for definitive diagnosis.

Pneumocystis carinii
Acute infections in cancer patients with mention of Pneumocystis carinii and Toxoplasma gondii.

Pneumocystis carinii
Pneumocystis carinii in steroid-conditioned rats, combination of pentamidine with trimethoprim-sulfamethoxazole, data suggest that combination therapy is no more effective than trimethoprim-sulfamethoxazole alone and may be, in fact, harmful, trimethoprim by itself has no place in treatment of pneumocystosis.

Pneumocystis carinii
Pneumocystis carinii, small children, problems of transmission in hospitals and children's homes: Poland.

Pneumocystis carinii
Pneumocystis carinii pneumonia in patients who received immunosuppressive therapy, case reports, clinical aspects, diagnosis at autopsy by demonstrating pneumocysts in lung exudate: Norway.

Pneumocystis carinii
Pneumocystis carinii, trimethoprim-sulfamethoxazole treatment of pneumonitis in children.

Pneumocystis carinii
Pneumocystis carinii pneumonia, humans, potential usefulness of gallinum scintigraphy in patients with suspected infections.

Pneumocystis carinii, illus.
Pneumocystis carinii pneumonia in cancer patients, analysis of 22 cases, importance of early diagnosis.

Pneumocystis carinii, illus.
Lin Chu, M.; and Hsu, H. C., 1975, Taiwan Iauheh Hu Tsa Chih (J. Formosan Med. Ass.), v. 74 (1), 48-53.
Pneumocystis carinii, human interstitial plasma cell pneumonia, diagnosis by electron microscopy, case reports.

Pneumocystis carinii, illus.
Pneumocystis carinii pneumonia in cancer patients, review of 66 cases, clinical and radiological aspects, therapeutic recommendations.

Pneumocystis carinii
Pneumocystis carinii pneumonia in infants, review of 66 cases, clinical and radiological aspects, therapeutic recommendations.

Pneumocystis carinii
Pneumocystis carinii, marrow-transplant patients, diagnosis, counterimmunoelectrophoresis, indirect immunofluorescence.

Pneumocystis carinii
Pneumocystis carinii pneumonia in infants, clinical aspects, diagnosis, review.

Pneumocystis carinii
Opportunistic infection and interstitial pneumonia following marrow transplantation for aplastic anemia and hematologic malignancy, Pneumocystis carinii as one of etiologic agents.

Pneumocystis carinii
Cardiopulmonary complications of human renal transplantation, includes information on radiologic diagnosis and follow-up of Pneumocystis carinii pneumonia.
Pneumocystis carinii, illus.
Ogino, K.; et al., 1977, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 26 (3), 116-125
Pneumocystis carinii, identification, evaluation of several staining methods

Pneumocystis carinii, illus.
Pedersen, F. K.; et al., 1979, Pediatrics, Am. Acad. Pediat., v. 64 (6), 935-938
Pneumocystis carinii pneumonia in girl with chronic granulomatous disease

Pneumocystis carinii
Pneumocystis carinii, value of toluidine blue "O" stain compared to modified Gomori's stain for diagnosis of pneumonitis

Pneumocystis carinii
Pneumocystis carinii, capable of limited growth in Vero cell culture

Pneumocystis carinii
Pneumocystis carinii cysts, modification of Grocott's methenamine silver nitrate staining for rapid diagnosis

Pneumocystis carinii, illus.
Pintozzi, R. L.; Blecka, L. J.; and Nanos, S., 1979, Acta Cytol., v. 23 (1), 35-39
Pneumocystis carinii, morphologic identification, staining characteristics of parasite in various stains

Pneumocystis carinii
Razon Behar, R.; et al., 1977, Rev. Cubana Med. Trop., v. 29 (3), 103-114
Pneumocystis carinii, infants, study of clinical aspects, pathology, diagnosis, predisposing factors and therapy: Cuba

Pneumocystis carinii
Reed, J. C.; and Madewell, J. E., 1975, Radiology, v. 116 (1), 1-9
Pneumocystis carinii pneumonia, humans, air bronchogram used in differential diagnosis

Pneumocystis carinii, illus.
Pneumocystis carinii in Saguinus spp., lung pathology, incidence, predisposition in young and long term residents of Medical and Health Sciences Division of Oak Ridge Associated Universities
Saginus fuscicollis illigeri: colony born and wild-caught
S. f. lagotonus: colony born
S. f. nigirinones: colony born
S. f. illigeri x S. f. lagotonus: colony born
S. nigricollis: colony born
S. oedipus oedipus: colony born and wild-caught

Pneumocystis carinii, illus.
Rowecka-Trzebicka, K.; et al., 1979, Pediat. Polska, v. 54 (7), 687-691
Pneumocystis carinii, infants, pneumonia, pulmonary aspiration biopsy and presence of IgM and IgG in serum confirm diagnosis

Pneumocystis carinii
Pneumocystis carinii pneumonia in immunosuppressed patients, epidemiologic survey in hospital outbreak in children with acute lymphocytic leukemia suggests that acquisition and spread of infection may be related to contact with hospital environment; risk of infection appeared related to intensity of chemotherapy and to a period of heightened susceptibility during therapy

Pneumocystis carinii, illus.
Pneumocystis carinii and Toxoplasma gondii in normal and compromised host, special reference to concomitant infection with cytomegalovirus, general review

Pneumocystis carinii
Pneumocystis carinii, toluidine blue O staining, results inconsistent when diethyl ether contained additives

Pneumocystis carinii, illus.
Shepherd, V.; Jameson, B.; and Knowles, G. K., 1979, J. Clin. Path., v. 32 (8), 773-777
Pneumocystis carinii, people, diagnosis, Nowoslawski's indirect fluorescent antibody method: UK

Pneumocystis carinii
Pneumocystis carinii, immunocompromised hosts, diffuse interstitial pneumonia, clinical review

Pneumocystis carinii
Pneumocystis carinii, case report of recurrent pneumonia in immunocompromised patient, normal chest X-rays complicated diagnosis, bronchial brushing or pulmonary biopsy advised for definitive diagnosis
Pneumocystis carinii, illus.
Pneumocystis carinii, histochemical observations, selective coloration of membranes of honeycomb forms, simultaneous demonstration of honeycomb and cyst forms

Pneumocystis carinii
Pneumocystis carinii interstitial plasma cell pneumonia, humans, current status, clinical management, review

Pneumocystis carinii, illus.
Pneumocystis carinii, new method of separating parasites from infected rat, human, and mouse lungs, adaptation of method for quantitation of parasite in lung tissue and for immunization of rabbits

Pneumocystis carinii, illus.
Walzer, P. D.; Powell, R. D., jr.; and Yoneda, K., 1979, Infect. and Immun., v. 24 (5), 939-947
Pneumocystis carinii, cortisoneized mouse as experimental model for pneumocystis pneumonia, host strain differences

Pneumocystis carinii
Pneumocystis carinii in rats, pentamidine isethionate did not exert significant chemoprophylactic effect against proliferation of parasites although treated rats survived longer than controls; possible application for use as chemoprophylactic agent in humans, study results not encouraging

Pneumocystis carinii
Pneumocystis carinii, clinical trials evaluating prophylactic value of a 2-week, high-dose course of trimethoprim-sulfamethoxazole to prevent pneumonia in children with cancer who are receiving their first 100 days of intensive immunosuppressive chemotherapy

Pneumocystis carinii
Yoshida, Y.; et al., 1977, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 26 (6), 367-375
Pneumocystis carinii pneumonia, rats, comparative efficacy of pyrimethamine+sulfadiazine vs. trimethoprim+sulfamethoxazole

Pneumocystis carinii, illus.
gato perro all from Merida, Yucatan

Pneumocystis carinii
Zolotukhin, V. A., 1976, Med. Parazitol. i Parasit. (Russia, Moscow), v. 45 (1), 100-101
Pneumocystis carinii, premature infants, 16 fatal cases reviewed
Pneumocystosis
evaluation of the use of corticosteroids in infectious and parasitic diseases, generally
contraindicated in parasitic diseases such as toxoplasmosis, malaria, amoebiasis,
pneumocystosis

Polychromophilus [sp.]

Pipistrellus pipistrellus: Britain

Polychromophilus sp., conforms to P. deani, illus.
Foster, G. W., 1979, J. Parasitol., v. 65 (3), 465-466

Myotis austroriparius (blood): north-central Florida

Polychromophilus sp., illus.
Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis

Polychromophilus [sp.], illus.

Polychromophilus [sp.], schizogony
Miniopterus schreibersi: Britain

Polychromophilus sp.
Hipposideros cyclops: north-central Florida

Polychromophilus melanipherus
Miniopterus schreibersii: Olhos de Agua, near Santarem, Portugal

Polychromophilus murinus
Miniopterus schreibersii: Olhos de Agua, near Santarem, Portugal

Polymastix bufonis Swezy (1916)
as syn. of Karotomorpha bufonis Dobell (1909)

Polymastix indica n. sp., illus.
Krishnamurthy, R.; and Sultana, T., 19/8,
Arch. Protistenk., v. 120 (3), 301-303
Polyphaga indica (hind gut): Aurangabad, Maharashtra, India

Polyrhadinia Mingazzini, 1891
as syn. of Lecudina Mingazzini, 1891

Porospora
intestinal coccidian of Brachyura, distribution among hosts confirms validity of new classification system for hosts

Porospora gigantea
Boghien, A. D., 1978, Canad. J. Zool., v. 56 (11), 2461-2462
prevalence in different host size classes
Homarus americanus (posterior intestine, rectal regions): Northumberland Strait, southern Gulf of St. Lawrence

Porospora pisae Leger et Duboscq
as syn. of Thriothria pisae (L. et D.) [n. comb.]

Porospora (=Nematopsis) portunidarum (Frenzel), illus.
Ganymedes, Porospora, Thriothria, epicytic ultrastructure, taxonomic significance
Carcinus mediterraneus: etang de Vic, pres de Montpellier (Herauld)

Promitotica subgen. n.
subgen. of Zelleriella
type sp.: Zelleriella (Promitotica) caryosoma Amaro, 1964

Promitotica
subgen. of Zelleriella, key

Protistan parasite, illus.
Wolf, P. H.; and Sprague, V., 1978, J. Invert. Path., v. 31 (2), 262-263
"We do not, therefore, think this parasite is one of the Haplosporida."
Pinctada maxima (epithelium of digestive diverticula): tropical Australia

Protoopalinina Metcalf, 1918
Opalinidae
includes: Caucudilata subgen. n.; Caucudilata subgen. n.; Orientalis subgen. n.; Filiformis subgen. n.; Acuminata subgen. n.; Protoopalinina Metcalf, 1918; Ovalis subgen. n.; Plurinucleata subgen. n.

Protoopalinina Metcalf, 1918
key to subgenera, key

Protoopalinina Metcalf, 1918
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Protoopalininae

Protoopalinina Metcalf, 1918
subgen. of Protoopalinina
type sp.: Protoopalinina (Protoopalinina) scaphiopodos Metcalf, 1923
Protoopalina
subgen. of Protoopalina, key

Protoopalina (Caudiculata) africana Metcalf, 1923

Protoopalina (Caudicula) asiatica Uttangi, 1961, illus.

Protoopalina (Plurinucleata) axonucleata Metcalf, 1923 (tod of subgen.), illus.

Protoopalina (Caudiculata) caudata (Zeller, 1877)
Metcalf, 1923 (tod of subgen.), illus.

Protoopalina (Caudiculata) caudata (Zeller, 1877)
Frandsen, P., 1974, Acta Parasitol. Polon., v. 22 (1-11), 49-66
Rana esculenta
Bombina bombina
(rectum of all): all from Denmark

Protoopalina (Caudiculata) caudata attenuata Metcalf, 1923

Protoopalina (Caudicula) caudata filiformis Liu, 1958, illus.

Protoopalina (Caudiculata) curcurbitacea Boisson, 1959, illus.

Protoopalina (Caudiculata) dakariensis Boisson, 1959, illus.


Protoopalina delphini n. sp. (Fig. 1 of Delphin et al., 1972)
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Microhyla ornata: Burma

Protoopalina (Longicorpus) dharwarensis Uttangi, 1951, illus.

Protoopalina (Caudiculata) diplocarya Metcalf, 1923 (tod of subgen.), illus.

Protoopalina (Caudiculata) drachi Tuzet & Kneepflier, 1968, illus.

Protoopalina (Caudiculata) duboscqui Lavier, 1936, illus.

Protoopalina (Filiformis) filiformis Metcalf, 1923 (tod of subgen.), illus.

Protoopalina (Longicorpus) filiformis Metcalf, 1923 (tod of subgen.)

Protoopalina (Plurinucleata) formosae Metcalf, 1923

Protoopalina (Caudiculata) globulata Boisson, 1959, illus.

Protoopalina (Plurinucleata) hexasoma Yagiu, 1975, illus.

Protoopalina (Caudicula) indica Uttangi, 1951, illus.

Protoopalina (Caudiculata) intestinalis (Stein, 1856) Metcalf, 1923

Protoopalina intestinalis (Stein, 1856), illus.
description
Bombina bombina
B. variegata
Pelobates fuscus
Rana esculenta
R. temporaria
(kloaka of all): all from CSSR

Protoopalina (Acuminata) karnatakensis Uttangi, 1951, illus.
Protoopalina (Caudiculata) lamottei Tuzet & Knoepffler, 1968, illus.

Protoopalina (Caudiculata) larvata Uttangi, 1961, illus.

Protoopalina (Caudiculata) lemuriae Uttangi, 1961, illus.

Protoopalina (Longicorpus) limnocharis Nie, 1932

Protoopalina (Caudiculata) macronucleata Tuzet & Knoepffler, 1968, illus.

Protoopalina (Longicorpus) malabarica Uttangi, 1961, illus.

Protoopalina (Longicorpus) metcalfi Uttangi, 1961, illus.

Protoopalina (Caudiculata) mitotica (Metcalf. 1923) Metcalf, 1923

Protoopalina (Orientalis) montana Metcalf, 1923 (tod of subgen.), illus.

Protoopalina (Caudicula) orientalis Metcalf, 1923

Protoopalina (Ovalis) ornata Uttangi, 1961, illus.

Protoopalina (Ovalis) ovalis Fantham, 1929

Protoopalina (Ovalis) ovoidea Metcalf, 1923 (tod of subgen.), illus.

Protoopalina (Caudiculata) peguyi Tuzet & Knoepffler, 1968, illus.

Protoopalina (Caudiculata) petiti Tuzet & Knoepffler, 1968, illus.

Protoopalina (Acuminata) regularis Metcalf, 1925 (tod of subgen.), illus.

Protoopalina (Caudiculata) rhopaloides Wach, 1953, illus.

Protoopalina (Protoopalina) scaphiopodot Metcalf, 1923 (tod of subgen.), illus.

Protoopalina (Caudiculata) senegalensis Boisson, 1959, illus.

Protoopalina (Caudiculata) spinosa Fernandez-Galiano, 1965, illus.

Protoopalina (Caudiculata) stevensonii saigonensis Boisson, 1957, illus.

Protoopalina symphysodonis nov. spec., illus.
Boisson, 1957,
Protoopalina symphysodonis nov. spec.
Symphysodon aquifasciata (Rectum)

Protoopalina (Longicorpus) tenuis (Raff, 1912)
Metcalf, 1923

Protoopalina (Caudiculata) yunnanensis Metcalf, 1940

Protoopalinae Metcalf, 1920
Opalinidae
key to genera, key

Protoopalinae Metcalf, 1920
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Opalinidae
includes: Protoopalina; Bezzenbergia; Cepedea

Protozoa
aspects of species concept in asexually reproducing protozoa

Protozoa
classification of living world into kingdoms (Monera, Protista, Fungi, Animalia, Plantae) with emphasis on protist classification

Protozoa [sp.], illus.
Carpenter, J. W.; et al., 1979, J. Am. Vet. Med. Ass., v. 175 (9), 948-951
Protozoa [sp.] in Grus canadensis, disseminated granulomas, histopathology, electron microscopy: Patuxent Wildlife Research Center
[Protozoa sp.], illus.
Mytilicola intestinalis (ovulos, ovocitos)

Protozoans resembling Hexamita sp.
Colinus virginianus (intestine): Oklahoma

Protozoa [sp.] cysts
Pomatomus saltatrix (pericardium): Raritan Bay, New Jersey

Psorospermium sp., illus.
Gammarus lacustris: lakes of Baikal District

Pulchra subgen. n.
subgen. of Cepedea
type sp.: Cepedea (Pulchra) pulchra Metcalf, 1923

Pulchra
subgen. of Cepedea, key

Pyxinia firmus (Leger, 1892), illus.
Pyxinia firmus, ultrastructure of epimerite, possible functions in fixation and nutrition
Dermestes frischi (intestin)

Quadruspinospora atractomorpha [lapsus p. 45 for Q. atractomorphii n. sp.]
Haldar, D. P.; and Chakraborty, N., 1978, Indian J. Zool., v. 6 (1), 43-47

Quadruspinospora atractomorphii n. sp., illus.
Haldar, D. P.; and Chakraborty, N., 1978, Indian J. Zool., v. 6 (1), 43-47
[lapsus p. 43 as Q. atractomorpii; lapsus p. 45 as Q. atractomorpha]
Atractomorpha orenulata (hepatic caeca, mid-gut): Kaiyani, West Bengal

Quadruspinospora atractomorpii [lapsus p. 43 for Q. atractomorphii n. sp.]
Haldar, D. P.; and Chakraborty, N., 1978, Indian J. Zool., v. 6 (1), 43-47
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Ramiccephalus cecheni n. sp., illus.
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275
Cechenus pyrenaicus (intestin): Hautes-Pyrénées (Lac d'Oncet; Soum de Grum)

Ramiccephalus hirsutus
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275

Ramiccephalus nebrae n. sp., illus.
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275
Nebria lafresnayei: Lac d'Oncet (Hautes-Pyrénées)

Ramiccephalus rostratus n. sp., illus.
Massot, N.; and Ormieres, R., 1979, Ann. Parasitol., v. 54 (3), 267-275
Nebria lafresnayei: Hautes-Pyrénées (Lac d'Oncet; Soum de Grum; Cirque de Troumouse)

Rasajeyna nannyla
Rasajeyna nannyla in Tipula paludosa and T. vittata, Incidence throughout 2-year sampling period, incidence as a function of temperature: 2 different sites (one damp and one dry) in Northumberland, England

Rasajeyna nannyla
Rasajeyna nannyla, seasonal abundance of three life cycle stages in Tipula paludosa and T. vittata: Northumberland, United Kingdom

Rectiperistomatus subgen. n.
subgen. of Nyctotheroides
tod of subgen.: N. (R.) coralli (Carini, 1933) Amaro & Sena, 1967

Recurviperistomatus subgen. n.
subgen. of Nyctotheroides
tod of subgen.: N. (R.) uianchoi Kidder, 1937

Retortomonas intestinalis, illus.
Harvey, J., 1973, Saguennay Med., v. 20 (3), 146-156
parasitic flagellates, life cycle, infection in man, clinical signs, therapy, brief review

Retortomonas viperae n. sp., illus.
Krishnamurthy, R.; and Madre, V. E., 1976, Marathwada Univ. J. Sc. (Nat. Sc.), v. 15 (8), 129-131
Vipera russellii (rectum): Aurangabad, Maharastrha, India

Retortomonas. See Retortomonas.

Rhambdospiora thelohani Laguesse, 1895, illus.
Mayberry, L. F.; et al., 1979, J. Protozool., v. 26 (2), 168-178
Rhambdospiora thelohani, chronological listing of published reports, new host and geographic records, ultrastructure, evidence in support of inclusion among Apicomplexa
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Leuciscus cephalus albus (gall bladder, intestine, kidney, liver, swim bladder, spleen): Yugoslavia
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Anoplopoma fimbria (urinary bladder): California
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Rhambdostyla scyphidiformis Vavra, 1961, illus.
description
Bomba variegata
Pelobates fuscus
Bufo viridis
Hyia arborea
Rana esculenta
R. temporaria
all from CSSR

Rhizocoryxmag Caullery et Mesnil
key

Rhopalonia stella Leger, 1894
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Chilogregarina stella (Leger, 1894) comb. n.

Rhytidocystidae n. fam.
Levine, N. D., 1979, J. Protozool., v. 26 (2), 167-168
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comb. n.
Levine, N. D., 1979, J. Protozool., v. 26 (2),
167-168
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Syn.: Dehornia sthenelais Porchet-Hennere,
1972
Sarcocystis, illus.

Survey of swimming pools for presence of free-living amebae, potential danger for swimmers: Lyon

Sarcocystis

Rattus annandeli
R. r. diardi
all from Malacca, Malaysia

Sarcocystis

Rattus annandeli
R. r. diardi
all from Malacca, Malaysia

Sarcocystis

Sarcocystis antibodies in young humans and rats, gradually decreased after birth, probably passed to newborn through placenta

Sarcocystis


[Sarcocystis] sarkotsistami

[Sarcocystis], pork, physical and chemical changes (tenderness, color, odor, consistency, quantity of juice in cooking, peroxidase activity, peptone and polypeptides, amino-ammonium nitrogen, volatile fatty acids); infected pork after 48 hours at room temperature unfit for eating

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[Sarcocystis] sarkotsist

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[Sarcocystis] sarkotsistami

[Sarcocystis], increased prevalence of bacteria in meat and organs of infected swine and cattle, public health implications

[Sarcocystis] sarkotsistami

Box, E. D.; and McGuinness, T. B., 1978, J. Parasitol., v. 64 (1), 161-162
Sarcocystis recovered in beef from retail outlets by using a digestion technique

[Sarcocystis]

Feral Felis catcus, survey on distribution, feeding, and breeding, probably important source of sporozoan infections for domesticated animals: New Zealand

[Sarcocystis Lankester, 1882

Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
definition; proposed classification and nomenclature
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[Sarcocystis]

Sarcocystis, cattle, 100% prevalence in small cadaver survey, suggested control measures for human consumption of raw beef

[Sarcocystis]

Sarcocystis, prevalence in sheep, predilection for masseter muscle: Netherlands

[Sarcocystis]

Sarcocystis and sarcocystosis in domestic animals and man, extensive review (life cycle; host specificity; pathogenicity and pathology; immunology and serology)

[Sarcocystis]

Markus, M. B., 1979, J. Parasitol., v. 65 (5), 699
Sarcocystis, technique for obtaining intact tissue cysts from bovine heart muscle, not satisfactory for separation of sarcocysts from skeletal muscle

[Sarcocystis]

Sarcocystis, "serological tests for human sarcocysts have little or no diagnostic value"

[Sarcocystis]

Mehlhorn, H.; et al., 1979, Ann. Biol., 4. s., v. 18 (3-4), 97-120
Sarcocystis, Theileria, life cycle, systematic position, pathology, review

[Sarcocystis]

Mehlhorn, H.; and Heydorn, A. O., 1978, Advances Parasitol., v. 16, 43-91
Sarcosporidia, life cycle and fine structure, review
Sarcocystis
Sarcocystis, sarcocysts derived from cats take between 8 and 14 months to reach infectivity in sheep

Sarcocystis
Prasad, B. N.; and Jorgensen, R. J., 1978, v. 17 (1-2), 197-202
Sarcocystis, cattle isolation and identification using various diagnostic methods, differentiation from Toxoplasma with dye-test: Denmark

Sarcocystis
Sarcocystis, prevalence in slaughtered cattle (hearts): El Salvador

Sarcocystis
Cyst-forming coccidia, life cycle, taxonomy, comparative review

Sarcocystis
Sarcocystis from dogs, experimental infections in pregnant Holstein-Friesian and Jersey cows, clinical signs, serology, abortions and fetal deaths

Sarcocystis
Diaphragm samples from 297 humans at autopsy over 20-month period revealed 3 cases of Trichinella spiralis and no cases of Sarcocystis: California

Sarcocystis
Sarcocystis, human, indirect fluorescent antibody test using Sarcocystis fusiformis as antigen, antibody prevalence varies among 4 ethnic groups (Orang Asli, Malays, Indians, Chinese), some sera also reacted positively to Toxoplasma: West Malaysia

Sarcocystis, illus.
Sarcocystis in Mus musculus ( exper.) (abdominal musculature), pathology

Sarcocystis
Zasukhin, D. N.; Vel'iaminov, K. S.; and D'akonov, L. P., 1979, Veterinariia, Moskva (1), 49-55
Sarcocystis spp., domestic animals, morphology, life cycles, pathology, prophylaxis, brief review

Sarcocystis sp.
Toxoplasma gondii, survey of serum samples from blood donors, Sabin-Feldman dye test and indirect immunofluorescence tests compared; Sarcocystis sp. in local animals may have some bearing on test results: Belo Horizonte, Brazil

Sarcocystis [sp.]
Microtus agrestis
Apodemus sylvaticus
Mustela nivalis (feces)

Sarcocystis [sp.]
Sarcocystis [sp.], ram, stallion, localization in bulbocavernosus muscle, diagnosis: Greece

Sarcocystis [sp.]
Zenaida auriculata caucae: Cauca River valley, Colombia

Sarcocystis spp.
Sarcocystis spp., cattle, incidence in relation to rainy vs. dry seasons: abattoir, Zambia

Sarcocystis spec., illus.
Boch, J.; et al., 1979, Berl. u. Munchen. Tierarztl. Wochenschr., v. 92 (7), 137-141
Sarcocystis spp., Toxoplasma, sheep, parasitological and serological studies: slaughterhouses in Bavaria

Sarcocystis spp.
Boch, J.; Boehm, A.; and Weiland, G., 1979, TierarztL Wochenschr., v. 92 (12), 240-243
Coccidia, dogs (feces), coprological and serological survey: South Germany

Sarcocystis spp.
Bogush, A. A., 1976, [Parasites in muscles of swine and measures for their prophylaxis (trichinosis and sarcocystosis)], 94 pp., illus.
trichinosis, sarcocystosis, swine muscles, general aspects, emphasis on diagnosis and prophylaxis, review: Belorussiya

[Sarcocystis sp. ]sarkotsistami
[Equis caballus]
[Bos taurus]
[Sus scrofa]
[pig, wild]
[Alces alces]
[Felis catus]
(muscles of all): all from Belorussiya

Sarcocystis [sp.], illus.
Box, E. D.; and Dusznyski, D. W., 1978, J. Parasitol., v. 64 (4), 682-688
Sarcocystis [sp.], experimental transmission from Molothrus ater and Cassidix mexicanus to Passer domesticus and Serinus canarius by sporocysts from Didelphis virginiana
Sarcocystis [sp.], illus.


Sarcocystis spp., cattle, sheep, frequency of infestation, host age and sex, localization in various muscles, pathology: Morocco

Sarcocystis bovicanis, illus.


Sarcocystis bovicanis, calves (exper.), life cycle, first asexual generation

Sarcocystis bovicanis Heydorn et al., 1975

Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139

Definition, intermediate and final hosts, synonymy

Sarcocystis bovicanis, illus.


Sarcocystis spp., cattle, monthly occurrence, localization, diagnosis

Rinder: Österreich

Sarcocystis bovicanis, illus.


Sarcocystis bovicanis, calves (exper.), clinical course of infection, pathomorphological findings

Sarcocystis bovicanis, illus.

Mehlhorn, H.; and Heydorn, A. O., 1978, Advances Parasitol., v. 16, 43-91

Sarcosporidia, life cycle and fine structure, review

Sarcocystis bovifelis, illus.


Brief description

Rinder (Muskulatur): Schlachthofen Sud-deutschlands

Sarcocystis bovifelis


As syn. of S. hirsuta

Sarcocystis bovifelis and/or S. bovihominis


Sarcocystis spp., cattle, sheep, frequency of infestation, host age and sex, localization in various muscles, pathology: Morocco

Sarcocystis bovifelis Heydorn et al., 1975

Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139

Definition, intermediate and final hosts, synonymy

Sarcocystis bovifelis, illus.


Sarcocystis spp., cattle, monthly occurrence, localization, diagnosis

Rinder: Österreich

Sarcocystis bovihominis, illus.


Brief description

Rinder (Muskulatur): Schlachthofen Sud-deutschlands

Sarcocystis bovihominis and/or S. bovifelis


Sarcocystis spp., cattle, sheep, frequency of infestation, host age and sex, localization in various muscles, pathology: Morocco
Sarcocystis bovihominis Heydorn et al., 1975
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
definition, intermediate and final hosts, synonymy

Sarcocystis bovihominis, illus.
Sarcocystis spp., cattle, monthly occurrence, localization, diagnosis
Rinder: Osterreich

Sarcocystis bovihominis, illus.
Mehlhorn, H.; and Heydorn, A. O., 1978, Advances Parasitol., v. 18, 45-91
Sarcocystis, life cycle and fine structure, review

Sarcocystis capreolicanis n. spec., illus.
Capreolus capreolus (Muskulatur) (nat. and exper.): Sudbayern
Munde (exper.)
Fürche (exper.)

Sarcocystis cervi (von Hessling, 1854)
Drost, S., 1977, Ang. Parasitol., v. 18 (4), 219-225
Sarcocystis cervi in Cervus elaphus, incidence, localization, host age and sex, seasonal occurrence: Kreis-Wildsammelstelle Ludwigslust; Kreis-Wildsammelstelle Perleberg

Sarcocystis cruzi
Sarcocystis cruzi, pregnant cows (exper.), abortion, practical diagnosis using maternal caruncle

Sarcocystis cruzi
Syn.: S. bovicanis

Sarcocystis cruzi
Farmer, J. N.; et al., 1978, Vet. Rec., v. 102 (4), 78-80
prevalence
sheepdogs (feces): Gwyned, North Wales

Sarcocystis cruzi
Sarcocystis cruzi-infected calves (exper.), pathophysiological changes in urine and blood, several specific effects beyond those induced by nutritional stress

Sarcocystis cruzi
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
nomen dubium

Sarcocystis cruzi
Rinder: Steiermark, Osterreich

Sarcocystis cruzi, illus.
Landsverk, T., 1979, Acta Vet. Scand., v. 20 (2), 238-244
Sarcocystis cruzi, outbreak in cattle herd, histopathology: Telemark, Norway

Sarcocystis cruzi
dogs fed beef and beef products purchased from retail food store in Maryland suburbs of Washington, D. C., presence of Sarcocystis cruzi sporocysts in dogs fed fresh beef and rare roast beef; no sporocysts found in feces of human volunteer, although results suggest that S. hominis, when present, could probably also survive in retail beef

Sarcocystis cruzi
Leguia, G.; and Herbert, I. V., 1979, Research Vet. Sc., v. 27 (3), 390-391
Sarcocystis in dogs, foxes, sheep, and cattle, Toxoplasma gondii in sheep, prevalence, indirect haemagglutination reaction for serodiagnosis
dogs
cattle
all from New South Wales

Sarcocystis cruzi, illus.
Pacheco, N. D.; Sheffield, H. G.; and Fayer, R., 1978, J. Parasitology, v. 64 (2), 320-325
Sarcocystis cruzi, immature cyst, fine structure in relation to development and to multiplication of parasites within it

Sarcocystis cuniculi Brumpt, 1913
Lepus europaeus (muscles): Bulgaria

Sarcocystis cuniculi, illus.
Sarcocystis cuniculi, structure of muscle cyst walls, comparative study, light and electron microscopy, useful but not infallible tool for recognizing different species
common European rabbit (abdominal wall muscles): Netherlands

Sarcocystis cymrensis n. sp., illus.
muscle cysts not infective for Mustela putorius or dogs, sporocysts not infective for Mus musculus
Rattus norvegicus (skeletal muscles) (nat. and exper.): area of Welshpool, mid Wales; border areas of England; Chobham and Petworth, Surrey
Felis catus (intestine, feces) (exper.)

Sarcocystis debonei Vogelsang, 1929
Duszynski, D. W.; and Box, E. D., 1978, J. Parasitology, v. 64 (2), 326-329
Sarcocystis-infected muscles from Molothrus ater, Cassidix mexicanus, Quiscalus quiscula, and Anas acuta produced patent infections when fed to Didelphis virginiana but infected muscle from A. carolinensis and Spatula clypeata did not, sporocysts of cowbird and grackle origin designated as S. debonei, those of duck origin not given species designation, opossum likely to be important definitive host for Sarcocystis of icterid birds: Texas
Syn.: Isospora boughtoni Volk, 1938
Sarcocystis dispersa
Sarcocystis dispersa in mice, asexual multiplication directly in cytoplasm of hepatic cells without formation of parasitophorous vacuole, new process of endogenesis (multiple synchronous endopolygenesis)

Sarcocystis equicanis Rommel and Geisel, 1975
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 113-139
definition, intermediate and final hosts, synonymy

Sarcocystis fusiformis (Railliet, 1897), illus.
Abdel Ghaffar, F.; Hilali, M.; and Scholtyseck, E., 1978, Tropenmed. u. Parasitol., v. 29 (3), 289-294
Sarcocystis fusiformis in Bubalus bubalis, fine structure morphology, large and small sarcocysts from muscular layer of oesophagus: Egypt

Sarcocystis fusiformis (Railliet, 1897)
Sarcocystis fusiformis, cattle, incidence tested by trichinoscopy, age of host, seasonal variation
Rinder (Muskel): Sanitatsschlachtbetriebe, Nordwesten DDR

Sarcocystis fusiformis (Railliet, 1897)
Gill, H. S.; et al., 1978, J. Parasitol., v. 64 (3), 549-551
dogs fed Bubalus bubalis diaphragm muscles with visible cysts of Sarcocystis fusiformis shed unsporulated oocysts belonging either to Hammondia or Isospora

Sarcocystis fusiformis, illus.
bovinos (tejido miocardico): Estado Bolivar, Venezuela

S[arcocystis] fusiformis
S[arcocystis] fusiformis, viability in meat and meat products in relation to temperature and salting

Sarcocystis fusiformis, illus.
Sarcocystis levinei, S. fusiformis, comparative ultrastructure of cyst wall and zoites: Malaysia

Sarcocystis fusiformis
Sarcocystis fusiformis, Jersey-cross cows (exper.), gross and histologic lesions

Sarcocystis fusiformis (Railliet, 1897), illus.
Sarcocystis fusiformis, cats infected with cysts from Bubalus bubalis, ultrastructural study of sexual stages; first report describing sexual stages of Sarcocystis in final host

Sarcocystis fusiformis
Telles de Jesus Filho, M.; and Miraglia, T., 1977, Acta Histochem., v. 59 (1), 160-167
Sarcocystis fusiformis in ox heart, histochemical (primarily histoenzymologic) observations, implications for parasite metabolism, no inflammatory reactions found around cysts and enzymatic reactivity of muscle fibers near to cysts was not different from normal fibers

Sarcocystis fusiformis
Sarcocystis, human, indirect fluorescent antibody test using Sarcocystis fusiformis as antigen, antibody prevalence varies among 4 ethnic groups (Orang Asli, Malays, Indians, Chinese), some sera also reacted positively to Toxoplasma: West Malaysia

Sarcocystis gracilis (v. Ratz, 1910)
Capreolus capreolus (muscles): Bulgaria

Sarcocystis hirsuta
Syn.: S. bovifilis

Sarcocystis hirsuta Moule, 1888
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
nomen dubium

Sarcocystis hirsuta
Rinder: Steiermark, Oesterreich

Sarcocystis hirsuta, illus.
Sarcocystis hirsuta, cattle, morphology; review of prevalence and distribution

Sarcocystis hominis
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
nomen dubium

Sarcocystis hominis
Rinder: Steiermark, Oesterreich
Sarcocystis hominis
dogs fed beef and beef products purchased from retail food store in Maryland suburbs of Washington, D. C., presence of Sarcocystis crunzi sporocysts in dogs fed fresh beef and rare roast beef; no sporocysts found in feces of human volunteer, although results suggest that S. hominis, when present, could probably also survive in retail beef

Sarcocystis hominis, illus.
Sarcocystis spp., structure of muscle cyst walls, comparative study, light and electron microscopy, useful but not infallible tool for recognizing different species of cyst (loc. oesophageal muscles) (exper.) Dutch child

Sarcocystis horvathi
Golubkov, V. I., 1979, Veterinariia, Moskva (1), 55-56
Sarcocystis horvathi and S. rileyi cysts from feces of carnivores fed muscle tissue from domestic birds

Sarcocystis kirmseii sp. nov., illus.
Garnham, P. C. C.; Duggan, A. J.; and Sindon, R. E., 1979, Ann. Parasitol., v. 54 (4), 393-400
Lophura diardi (brain): Thailand (London Zoological Gardens)
unidentified passerine bird (brain): Cerro Punta, Chiriqui Province, Panama

Sarcocystis kortei Castellani u. Chalmers, 1909
Macaca mulatta (Skelettmuskulatur)

Sarcocystis levinei n. sp., illus.
Sarcocystis levinei n. sp., life cycle
Bubalus bubalis (oesophageal muscles): abattoir, Shah Alam, Selangor, Malaysia
dog (exper.) (small intestine)

Sarcocystis levinei, illus.
Sarcocystis levinei, S. fusiformis, comparative ultrastructure of cyst wall and zoites: Malaysia

Sarcocystis miescheriana, illus.
Trichinella spiralis, Sarcocystis miescheriana, swine, differential diagnosis

Sarcocystis miescheriana, illus.
Bogush, A. A., 1976, [Parasites in muscles of swine and measures for their prophylaxis (trichinosis and sarcocystosis)], 94 pp., illus.
trichinosis, sarcocystosis, swine muscles, general aspects, emphasis on diagnosis and prophylaxis, review: Belorusussia

Sarcocystis miescheriana
Sarcocystis fusiformis, S. tenella, S. miescheriana, rabbits (exper.), diagnostic value of complement fixation and fluorescent antibody tests

Sarcocystis miescheriana
Farmer, J. N.; et al., 1978, Vet. Rec., v. 102 (4), 78-80
prevalence
sheepdogs (feces): Gwyned, North Wales
greyhounds (feces): London area

Sarcocystis miescheriana (Kuehn, 1865) Labbe, 1899
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
nomen dubium

Sarcocystis miescheriana
Sarcocystis miescheriana, young pigs, diagnosis by compressor method

Sarcocystis miescheriana Kuehn, 1865
Sarcocystis miescheriana, cysts and trophozoites from swine used to infect white mice (muscles of heart, esophagus, diaphragm, and abdomen)

[Sarcocystis] miescheriana
Sus scrofa (muscles): Bulgaria

Sarcocystis miescheriana (Kuehn, 1865) Lankester, 1882
Syns.: Coccidium bigeminum Stiles, 1891; Isospora bigemina (Stiles, 1891) Luehe, 1906; C. bigeminum var. canis Railliet and Lucet, 1891, selected here as nominate subspecies of C. bigeminum and thus designated C. bigeminum bigeminum

Sarcocystis miescheriana, illus.
Sarcocystis spp., structure of muscle cyst walls, comparative study, light and electron microscopy, useful but not infallible tool for recognizing different species of Sarcocystis
Sus scrofa ferox (diaphragmal muscles): Netherlands
domestic pig and piglets (diaphragmal and oesophageal muscles) (nat. and exper.) dogs (exper.)

Sarcocystis moulei
Rodriguez Osorio, M.; et al., 1978, Rev. Iber. Parasitol., v. 38 (3-4), 793-804
Sarcocystis moulei, caprine, comparative study of 3 diagnostic tests, peptic artificial digestion, immunodiffusion, and indirect immunofluorescence

Sarcocystis muris
"The authorship should, however, be corrected and the correct designation, hereby proposed, is Sarcocystis muris (Railliet. 1886)."
Sarcocystis muris
Fayer, R.; and Frenkel, J. K., 1979, J. Parasitol., v. 65 (4), 756-762
A few spp. of feline coccidia, oocysts fed to calves, calf tissue then fed to cats: neither Besnoitia, Hammondia, nor Sarcocystis were pathogenic for calves nor did they establish patent infections which could be transmitted back to cats; Cystoisospora spp. were not pathogenic for calves but could be transmitted back to cats; Toxoplasma strains were slightly to moderately pathogenic for calves and could be transmitted back to cats.

Sarcocystis muris (Blanchard, 1885) Labbe, 1899
(type species)
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
Definition, intermediate and final hosts.
Sarcocystis ovifelis
Fassi-Pehri, N.; et al., 1978, Ann. Recherches Vet., v. 9 (3), 409-417
Sarcocystis spp., cattle, sheep, frequency of infection, host age and sex, localization in various muscles, pathology: Morocco

Sarcocystis ovifelis Heydorn et al., 1975
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
definition, intermediate and final hosts, synonymy

Sarcocystis putorii (Railliet and Lucet, 1891) comb. nov.
Syn.: Coccidium bigeminum var. putorii, Railliet and Lucet, 1891; Lucetina putorii (Railliet and Lucet, 1891) Henry and Leblois, 1926; Isospora putorii (Railliet and Lucet, 1891) Becker, 1934

Sarcocystis putorii, illus.
Sarcocystis spp., structure of muscle cyst walls, comparative study, light and electron microscopy, useful but not infallible tool for recognizing different species
Microtus arvalis (pectoral muscles) (exper.)
M. agrestis (pectoral muscles)
Musosta nivalis (exper.)

Sarcocystis putorii
Sarcocystis [sp.] in Musosta nivalis (abdominal, pectoral, and femoral muscles; subepithelium of small intestinal villi) and Strix aluco (droppings) (exper.), sarcocysts "strongly reminiscent of" and sporocysts "morphologically indistinguishable from"
Sarcocystis sebeki, oocysts "morphologically identical to" S. putorii

Sarcocystis rileyi
Golubkov, V. I., 1979, Veterinarita, Moskva (1), 55-56
Sarcocystis horvathi and S. rileyi cysts from feces of carnivores fed muscle tissue from domestic birds

Sarcocystis sebeki, illus.
Sarcocystis spp., structure of muscle cyst walls, comparative study, light and electron microscopy, useful but not infallible tool for recognizing different species
Apodemus sylvaticus (pectoral muscles) (nat. and exper.)
Strix aluco (exper.)

Sarcocystis sebeki
Sarcocystis sebeki from exper. infected Strix aluco, successful rodent to rodent (Apodemus sylvaticus) transmission by inoculation of precystic schizogenic stages

Sarcocystis sebeki
Sarcocystis [sp.] in Musosta nivalis (abdominal, pectoral, and femoral muscles; subepithelium of small intestinal villi) and Strix aluco (droppings) (exper.), sarcocysts "strongly reminiscent of" and sporocysts "morphologically indistinguishable from"
Sarcocystis sebeki, oocysts "morphologically identical to" S. putorii

Sarcocystis suicanis n. sp., illus.
Erber, M.; and Geisel, O., 1979, Berl. u. Munchen. Tierarztl. Wchnschr., v. 92 (10), 197-202
Sarcocystis suhominis, S. suicanis, occurrence in slaughter pigs of different ages; trypsin digestive method more reliable diagnosis than trichinoscopy, species differentiation: slaughterhouses in South Germany

Sarcocystis suicanis, illus.
Erber, M.; and Geisel, O., 1979, Berl. u. Munchen. Tierarztl. Wchnschr., v. 92 (10), 197-202
Sarcocystis suicanis, pigs (exper.), clinical findings, pathology, susceptibility to S. suicanis, S. suicanis cysts proved infective to dogs (exper.)

Sarcocystis suicanis
Sarcocystis suicanis, pregnant sows (exper.), abortion, clinical manifestations

Sarcocystis suicanis
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
definition, intermediate and final hosts, synonymy

Sarcocystis suicanis, illus.
Sarcocystis suicanis, pigs (exper.), ultrastructure and development of sarcocysts in muscle cells, light and electron microscopy

Sarcocystis suicanis
Heydorn, A. O.; et al., 1978, Arch. Lebensmittel-Hyg., v. 29 (5), 184-185
Sarcocystis spp., pigs, abattoir survey, frequency, intensity of infection, trichinoscopy: Bundesrepublik Deutschland; DDR
Sarcocystis suihominis, illus.
Sarcocystis suihominis, S. suicanis, occurrence in slaughter pigs of different ages; trypsin digestive method more reliable diagnosis than trichinoscopy, species differentiation: slaughterhouses in South Germany

Sarcocystis suihominis, illus.
Sarcocystis suicanis n. sp., S. suihominis, pigs, two methods for detection of cystozoites described and compared, differential diagnosis

Sarcocystis suihominis
Erber, M.; and Geisel, O., 1979, Berl. u. Munchen. Tierarztl. Wchnschr., v. 92 (10), 197-202
Sarcocystis suicanis, pigs (exper.), clinical findings, pathology, susceptibility to S. suihominis but not to reinfection with S. suicanis; S. suicanis cysts proved infective to dogs (exper.)

Sarcocystis suihominis, illus.
Sarcocystis suihominis, transmission from humans to swine to nonhuman primates, absence of clinical signs, prepation period in swine (exper.) (skeletal muscle) Pan troglodytes (exper.) (feces) Macaca mulatta (exper.) (feces, small intestine) M. irus (exper.) (feces)

Sarcocystis suihominis (Tadros and Laarman, 1976)
Heydorn, 1977, illus.
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
definition, intermediate and final hosts, synonymy

Sarcocystis suihominis
Heydorn, A. O.; et al., 1978, Arch. Lebensmittel-Hyg., v. 29 (5), 184-185
Sarcocystis spp., pigs, abattoir survey, frequency, intensity of infection, trichinoscopy: Bundesrepublik Deutschland; DUR

Sarcocystis suihominis, illus.
Heydorn, A. O.; and Ipczynski, V., 1978, Berl. u. Munchen. Tierarztl. Wchnschr., v. 91 (8), 154-155
Sarcocystis suihominis, pigs (exper.), schizogony

Sarcocystis suihominis, illus.
Sarcocystis suihominis, pigs (exper.), fine structure of schizonts and formation of merozoites within various host organs

Sarcocystis suihominis, illus.
Mehlhorn, H.; and Heydorn, A. O., 1979, Ztschr. Parasitenk., v. 58 (2), 97-113
Sarcocystis suihominis, gamogony in human tissue cultures, electron microscopical study

Sarcocystis suihominis
Piekarski, G.; et al., 1978, Immun. u. Infekt., v. 6 (4), 153-159
Sarcocystis suihominis, medical students fed raw meat from experimentally infected pig, clinical, parasitological, and serological findings; Menschen (exper.) Schweines (exper.)

Sarcocystis suihominis, illus.
Sarcocystis spp., structure of muscle cyst walls, comparative study, light and electron microscopy, useful but not infallible tool for recognizing different species domestic pig (diaphragm muscles)

Sarcocystis tenella
Sarcocystis fusiformis, S. tenella, S. miescheriana, rabbits (exper.), diagnostic value of complement fixation and fluorescent antibody tests

Sarcocystis tenella (Railliet, 1886) Moule, 1888
Frenkel, J. K.; et al., 1979, Ztschr. Parasitenk., v. 58 (2), 115-139
nomen dubium

Sarcocystis tenella, illus.
Mehlhorn, H.; and Heydorn, A. O., 1978, Advances Parasitol., v. 16, 43-91
Sarcosporidia, life cycle and fine structure, review

Sarcocystis tenella, illus.
Toxoplasma gondii, Sarcocystis tenella, freeze fracture studies of infective stages, outer and inner membranes, rhoptries membranes

Sarcocystis tenella, illus.
Sarcocystis tenella, kittens (exper.), development in intestines, life cycle; attempted parasite suppression using statyl and pancoxin plus

Sarcosporidium [sp.]
parasitic and other diseases of tortoises, necropsy survey Testudo graeca T. elegans Geochelone pardalis G. gigantea Testudo hermanni T. marginata T. radiata T. denticulata T. nigrarti

Toxoplasma gondii
Kendall, B. K., 1978, Vet. Rec., v. 102 (25), 556-557
parasitic and other diseases of tortoises, necropsy survey Testudo graeca T. elegans Geochelone pardalis G. gigantea Testudo hermanni T. marginata T. radiata T. denticulata T. nigrarti
Sarcomastigophora [sp.]
parasitic and other diseases of terrapins and turtles, necropsy survey
Clemmys caspica leprosa
Pseudemys scripta elegans
Clemmys caspica rivulata
Geemyda punctularia
Pseudemys ornata calirostris
Chrysemys picta picta
Pseudemys scripta scripta
Emys orbicularis
Macrolemys temmincki
Graptemys pseudogeographica ouachitensis
Pelomedusa subrufa
Kachuga smithi
Chelodina longicollis
Chelydra serpentina
Clemmys guttata
Staurotypus triporcatus
Chrysemys picta belli
Podocnemis expansa
(alimentary tract of all)

Sarcosporidia [of] Henneguy and Thelohan, 1892
as syn. of Chapmanium macrocytis (Gurley, 1893) comb. n.

Sarcosporidia, illus.
Sarcosporidia, ovines, swine, indirect immunofluorescence technique compared with post mortem microscopic studies, no constant correspondence of results, not practical diagnostic tool

Sarcosporidia, illus.
Sarcosporidia, survey of incidence in domestic animals by examining for cystozoites rather than cysts, distribution by season, age of host, species of animal, and climate: Jordan

Sarcosporidia [sp.]
Drost, S., 1977, Ang. Parasitol., v. 18 (4), 219-225
Dama dama: Kreis-Wildsammlstelle Ludwigs-lust

Sarcosporidiosis
Entzeroth, R.; Scholtyseck, E.; and Greuel, F., 1978, Naturwissenschaften, v. 65 (7), 395
"The application of different techniques led to the conclusion that, besides three ultra-morphologically different sarcosporidian cysts, the roe-deer [Capreolus capreolus] muscles contain coccidia of the genera Toxo-plasma and Hammondia."

Sarcosporidiosis, illus.
description
Synurus caffer: nord de la localite de Bangassou, Empire Centrafricain

Sarcosporidiosis "cisti di probabile natura sarcosporidica"
Cornaglia, E., 1976, Parasitologia, v. 18 (1-3), 19-20
bovina piemontese (cervello)

Sarcosporidiosis
zoonesoses transmitted via foodstuff, control measures, review

Sarcosporidiosis
sarcosporidiosis, sheep, meat inspection

Sarcosporidiosis
Sreepannarayana, O.; and Christopher, K. J., 1977, Indian J. Animal Health, v. 16 (2), 188
combined infection of Cysticercus bovis and sarcosporidiosis, bullock: slaughter house, Gunurth, Andhra Pradesh, India

Saurocytozoon tupinambi, illus.
Saurocytozoon tupinambi, study of initial infection in juvenile Tupinambis tequixui provides evidence that schizogenic cycle in circulating cells may occur, but identity of intralymphocytic asexual stages with this species cannot be established due to presence of concurrent infection by small Plasmodium species, if confirmed data would justify removing Saurocytozoon from Leucocytozoidae: Venezuela

Schellackia sp.
Telford, S. R., jr., [1979], J. Parasitol., v. 64 (6), 1126-1127
Anolis carolinensis
Sceloporus undulatus
all from Florida

Schellackia brygooi n. sp., illus.
Sarcosporidiosis, bullock: slaughter house, Guntur, Andhra Pradesh, India

Schellackia brygooi n. sp., illus.
Cysticercus bovis

Schizotrypanum Chagas, 1909 emend. Noeller, 1931
subgen. of Trypanosoma, includes: T. (S.) vespertilionis Battaglia, 1904; T. (S.) cruzi Chagas, 1909

Schizotrypanum, subgenus
identification of morphologically similar Trypanosomes of mammals

Schizotrypanum [sp.]
Pipistrellus kuhlii: Iraq
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Schizotrypanum cruzi Chagas, 1909
Schizotrypanum cruzi-infected Triatoma capitata found in wild areas close to beaches of northern Venezuela.

Schizotrypanum cruzi
Schizotrypanum cruzi, mice, ambilhar.

Schizotrypanum hastatus, illus.
Schizotrypanum hastatus, morphometric data Phyllostomus hastatus: Caverna de Fercal, Brasilia, Brasil.

Schneideria schneiderae (da Cunha et al., 1975), illus.
Schneideria schneiderae, effects of several metabolic inhibitors on penetration of sporozoites into host cells and intracellular development of trophozoites.

Trichosia pubescens (ceco intestinal): Mogi das Cruzes.

Schneideria schneiderae da Cunha et al., 1975, illus.
Schneideria schneiderae, development in abnormal host Plastosciara sp. (exper.) compared to that in normal host Trichosia pubescens (exper.).

Schneideria schneiderae da Cunha et al., 1975, illus.
Schneideria schneiderae in Trichosia pubescens (exper.), entry into and development in cells of intestinal caecum, host cell-symbiont interrelations, metabolic exchanges, symbiotic bacteria in cytoplasm of Schneideria, ultrastructural study.

Scephydia sp.
Armas, G., 1979, J. Fish Dis., v. 2 (6), 543-547.
Mugil cephalus (body surface, gills): Rio Moche coastal lagoon, northern Peru.

Scephydia adenonucleata
Pleuronectes platessa (gills): Scotland.

Sigmaperistomatus subgen. n.
subgen. of Nyctotheroides todd of subgen.: N. (S.) crossodactyli (Carnini, 1945) comb. n.

Sinuolina Davis 1917 emend, Laird 1953
Differentiation from Conispora gen. nov. and Myxoproteus.

Sphaeromyxa sabrazesi, illus.
Sphaeromyxa sabrazesi, 'germinal' cells are complex of three cellular types, observations support independence of Myxosporidia from Protozoa and Metazoa.

Sphaeromyxa insolita sp. n., illus.
Sphaeromyxa insolita sp. n., morphology, life cycle, host specificity, detrimental effects on host Bursaria truncatella: pond of Starogo Petergrofa; lake Mozhaiskogo near Krasnogo Sela.

Sphaerospora carassii
Parasites causing intensive epizootic disease of food fishes: Kremenchug reservoir.

Sphaerospora caudata Kudo, 1919, illus.
Sphaerospora carassii, carp and grasscarp, incidence, pathology, moderately pathogenic, concurrent infection with Trichodina or other infections may depress host resistance and cause fatalities.
Cyprinus carpio
Ctenopharyngodon idella (gills of all): all from pond farms, Hungary.

Sphaerospora caspialosae (Dogiel, 1959)
Syn.: Mitraspora caspialosae Dogiel, 1959.

Sphaerospora caudata Parisi, 1910
Syn.: Mitraspora caudata (Parisi).

Sphaerospora cristata Shulman, 1962
Lota lota (urinary bladder): Aishihik Lake, Yukon Territory.

Sphaerospora cristata Schulman, 1962, illus.
Sphaerospora cristata, plasmodia and spores found in Lota lota (kidneys), life cycle, host age, infection rate increases during winter: lake Vreho, Leningradsk oblast.

Sphaerospora cristata
Protozoans of young predatory fish, extent of infection correlated with some environmental factors.
[Lota lota]: Vreho Lake, Leningrad district.
Sphaerospora elegans Thelohan
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (urinary tubules): near Vancouver, British Columbia

Sphaerospora irregularis
Pleuronectes platessa (urinary ducts): Scotland

Sphaerospora pectinacia sp. n., illus.
Bocharova, T. A.; and Doñets, Z. C., 1974, Parasitologiya, Leningrad, v. 8 (1), 74-76
Perca fluviatilis (gall bladder, urinary bladder, kidney, liver, muscles): lake Durnoe (basin of middle Vasiugan river)

Sphaerospora tinae, illus.
Koerting, W., 1977, Fisch u. Umwelt (4), 37-48
Fish parasites, histopathological changes

Sphenophrya [sp.-] like ciliate, illus.
Crassostrea virginica (gills): New Haven Harbor, Connecticut

Spinifera subgen. n.
subgen. of Cepedea
type sp.: Cepedea (Spinifera) spinifera Metcalf, 1923

Spinifera
subgen. of Cepedea, key

Spironucleus (Hexamita)
Sebesteny, A., 1979, Lab. Animals, v. 13 (3), 189-191
Intestinal protozoa, successful transmission to and establishment in specific-pathogen-free mice exposed to intestinal contents of infected hamsters

Spironucleus elegans Lavier (1936), illus.
description
Bombina bombina
Bombina variegata
Bufo bufo
B. viridis
Pelobates fuscus
Rana esculenta
R. temporaria
R. dalmatina
Salamandra salamandra
Triturus vulgaris
T. alpestris
T. montandoni
all from CSSR

Spironucleus (Hexamita) muris, illus.
Gruber, H. E.; and Osborne, J. W., 1979, Lab. Animals, v. 13 (3), 199-202
Spironucleus muris, X-irradiated rats, ultrastructural changes in intestinal epithelium, no evidence of phagocytosis by Paneth cells

Spironucleus muris
Spironucleus muris, faecal cysts, resistance to physical and chemical factors tested, data may be useful for control of infection in rodents and for cryopreservation of parasite

Sporopistematus subgen. n.
subgen. of Nyctotheroides
Type sp.: N. (S.) macropharyngeus (Bezenberger, 1904) Amaro & Sena, 1967

Sporozoa
Sporozoa, review: early taxonomic concepts, developmental cycles and taxonomic revisions, host-parasite relations, microsporidian infections of fishes

'Sporozoa' [of] Henneuy and Thelohan, 1892 [pro parte]
as syn. of Thelohania contejeani Henneuy, 1892

'Sporozoa' [of] Henneuy and Thelohan, 1892 [pro parte]
as syn. of Thelohania giardi Henneuy, 1892

Sporozoon parasite, possibly Sarcocystis, illus.
suspected Sarcocystis, cattle, clinical disease described, post-mortem findings, histopathology: Leicestershire, England

Steinhausia spraguei n. sp., illus.
Sepia elliptica (excretory cells in fluid from renal appendages): landings of offshore fishery station at Visakhapatnam; local fish market

Steinina coptotermi n. sp., illus.
Coptotermes heimi (midgut, faecal matter): Attas Soc. Biol., v. 6 (5), 177-180
Cooptermes heimi (midgut, faecal matter): Andhra University at Waltair

Stempellia polyspora (Leger et Hesse, 1921)
Weiser, 1961, illus.
Weiser, 1961, illus.

Stempellia simulii Maurand et Manier, 1968, illus.
Maurand, J.; and Louhes, C., 1978, Ztschr. Parasitenk., v. 56 (2), 131-146
Microsporidians from simuliid larvae, ultrastructural studies

Tetisimulium bezzi: region languedocienne (Sud de la France)
Stenoductus carlogoni sp. n., illus.
Stenoductus carlogoni sp. n., systematics, biology and statistical analysis of morphogenesis
Carlogonus palmatus (midgut, hindgut, faecal pellets): Chorakkulam, Thottada, and Panoor, Cannanore District, Kerala, India

Stenophora
Stenophora spp, types of motility, review

Stenophora juli (Frantzius, 1848) Labbe, 1899, illus.
Stenophora juli, motility

Sycia arachnoidea Devdhar & Gourishankar, 1971
Devdhar, M. J.; and Amoji, S. D., 1978, Arch. Protistenk., v. 120 (1-2), 182-189
Opalnia sp. (gut): Shomeshwar and Kalaghatagi (Dharwar District), Karnataka State, India
Sycia arachnoidea Devdhar & Gourishankar, 1971
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Arachnocystis arachnoidea (Devdhar & Gourishankar, 1971) comb. n.

Symbionecta gen. n.
Hymenostomatida, Tetrahymenina, Entodiscidae fam. n.
tod: S. cuenoti comb. n.
Symbionecta cuenoti (Florentin, 1898) comb. n.
Syn.: Cryptochilum cuenoti Florentin, 1898

Syndiomita neglecta Lavier (1936)
as syn. of Octomitus neglecta Lavier, 1936

Systenostrema gen. n.
Thelohaniidae fam. n.
tod: S. tabani sp. n.

Systenostrema tabani sp. n. (tod), illus.
Tabanus lineola (adipose tissue): Orange Lake, Florida, U.S.A.
Theileria

Krylov, M. V., 1971, Parazitologiya, Leningrad, v. 5 (3), 201-208
Piroplasmida, distribution in different host groups and zoogeographic regions, speculations on phylogeny

Theileria

Krylov, M. V.; and Krylova, N. P., 1972, Parazitologiya, Leningrad, v. 6 (6), 493-505
Piroplasmida, analysis of host specificity

Theileria

demonstration of antibodies to Protozoa, extensive review

Theileria

Mehlhorn, H.; et al., 1979, Ann. Biol., 4. s., v. 18 (3-4), 97-120
Sarcocystis, Theileria, life cycle, systematic position, pathology, review

Theileria

Smith, R. D., 1977, Intericiencia, v. 2 (6), 325-344
current world research on ticks and tick-borne diseases of food producing animals, review

Theileria

Syn.: Haematoxenus Uilenberg, 1964

Theileria

Theileria-infected Taurotragus oryx erythrocyaetes, bar and vein structures associated with parasite, light and electron microscopy, possible functions

Theileria

[Bo taurus]: Kashkadaryinsk oblast

Theileria

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

Theileria spp. (Korean strain)

Jeon, Y.; et al., 1977, Research Rep., Office Rural Develop., Min. Agric. and Fish., Korea (Vet. and Sericult.), v. 19, 27-32
Theileria spp., Korean strain, cattle, serological diagnosis, indirect fluorescent antibody technique

Theileria spp.

Jeon, Y.; et al., 1978, Research Rep., Office Rural Develop., Min. Agric. and Fish., Korea, v. 20, 1-3
cattle: abattoir in Seoul, Korea
Theileria [sp.]
Theileria [sp.], prevalence in sheep (blood): Karnataka

Theileria sp. (probably T. mutans)
Tustin, R. C.; and van Heerden, J., 1979, J. South African Vet. Ass., v. 50 (1), 49-51
Theileria sp., bovine, clinical signs, lesions in spinal cord and meninges, histopathology: Rietgat area of Pretoria district, South Africa

Theileria sp. (Githunguri)
Ulilengen, 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

Theileria sp. (Mwanza)
Ulilengen, 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

Theileria-like macroschizonts
Young, A. S.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (3), 281-288
Theilerial parasites, incidence in Syncerus bovines, role as reservoir of cattle pathogenic theilerioses in East Africa

Theileria-like piroplasms
Young, A. S.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (3), 281-288
Theilerial parasites, incidence in Syncerus bovines, role as reservoir of cattle pathogenic theilerioses in East Africa

Theileria sp., illus.
Theileria sp. transmitted to Bos taurus (exper.) by Amblyomma cohaerns 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

Theileria annulata
Baharosefat, M.; et al., 1977, Arch. Inst. Razi (29), 57-68
Theileria annulata, calves, unusual lesions, gross and histopathological changes

Theileria annulata
Theileria annulata, outbreak in Holstein bulls, history and clinical observations, diagnosis, treatment, infestation with Hyalomma anatolicum anatolicum: Kabul, Afghanistan

Theileria annulata
Deore, P. A.; Sabnis, M. G.; and Bendre, V. U., 1979, Indian Vet. J., v. 56 (9), 794-795
Theileria annulata, bovine, atypical cutaneous case

Theileria annulata
Theileria annulata, calves (exper.), hyper-immune serum inoculated, no therapeutic value, did not affect course of disease

Theileria annulata
Dhar, S.; and Gautam, O. P., 1979, Indian J. Animal Sc., v. 49 (7), 511-516
Theileria annulata, changes in serum proteins in cattle (exper.) with acute and chronic infections

Theileria annulata
Theileria annulata, cattle, imidocarb dihydrochloride, serum enzyme activities and chemical constituents before and after treatment

Theileria annulata
Urine retention in Egyptian bulls possibly caused by or linked with subclinical Theileria annulata infection, imidocarb dibromopionate treatment

Theileria annulata
Theileria annulata, calves (exper.), clinicopathologic study

Theileria annulata
Gill, B. S.; et al., 1978, Internat. J. Parasitol., v. 8 (6), 467-469
Theileria annulata, calves, immunization by treating tick (Hyalomma anatolicum anatolicum) stabile-induced infections with 1 or 2 doses of long-acting oxytetracycline vs. 8 doses of chlorotetracycline
Theileria annulata
Goldman, M.; and Pipano, E., 1978, Tropenmed. u. Parasitol., v. 29 (1), 85-87
Theileria annulata, specific IgM and IgG antibodies detected in immunized or infected cattle

Theileria annulata
Halik, J., 1977, Veterinarství, v. 27 (10), 469-471
Babesia, Theileria, Anaplasma, diagnostic problems, review: North Africa

Theileria annulata
Theileria annulata-infected nymphs, adults, and ground tissues of Hyalomma anatolicum excavatum, histopathology; hypothetical diagram of cycle in ticks

Theileria annulata
infectivity of ground-up tick supernates prepared from Theileria annulata-infected Hyalomma anatolicum adults preferred for variable periods of time

Theileria annulata
Theileria annulata, Bos indicus x Bos taurus, immunization using irradiated infective particles derived from Hyalomma a. anatolicum

Theileria annulata
Theileria annulata-infected nymphs, adults, and ground tissues of Hyalomma anatolicum, infectivity for calves, all capable of inducing clinical theileriasis

Theileria annulata
Stepanova, N. I.; et al., 1977, Veterinarství, Moskva (3), 69-70
Theileria annulata-infected nymphs, adults, and ground tissues of Hyalomma anatolicum, infectivity for calves, all capable of inducing clinical theileriasis

Theileria annulata
Theileria parva- and T. annulata-infected bovine lymphoblastoid cell cultures used in in vitro screens to test wide range of compounds for chemotherapeutic activity
Theileria annulata, illus.  
Theileria annulata, atypical mitochondria identified by chemical demonstration of mitochondrial marker enzymes, presence of both succinic dehydrogenase and cytochrome oxidase activity suggests that respiratory chain is operative in sporozites

Theileria annulata, illus.  
Babesia bigemina, ultrastructure of supposed sexual stages from gut of Boophilus microplus, comparison with developmental stage of Theileria annulata

Theileria barnetti  
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. barnetti antigen only, description, blood transmission to splenectomized calf: Mara region, Kenya

Theileria dispar Sergent, et al., 1924, illus.  
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria hirci  
Theileria hirci, carrier sheep, parasite counts and hematological observations before and after splenectomy

Theileria lawrencei  
protozoans, icteric cattle carcases, routine examination of blood and spleen smears: Sinoa abattoir, Rhodesia

Theileria lawrencei  
Theileria lawrencei, T. parva, cattle, epi- zootiology, diagnosis, immunity, prophylaxis, therapy: East Africa

Theileria lawrencei, illus.  
Theileria parva, T. lawrencei, cultivation of cell-free schizonts and merozoites in vitro, immunogenicity in cattle inoculated with T. parva merozoites and schizonts and later challenged

Theileria lawrencei  
Theileria lawrencei, immunization of Bos taurus by infection (with single and multiple Theileria spp. isolates) and chemoprophylaxis (long-acting oxytetracycline)

Theileria lawrencei, illus.  
Young, A. S.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (3), 281-284  
theilerial parasites, incidence in Syncerus caffer, role as reservoir of cattle pathogenic theilerioses in East Africa

Theileria mutans, illus.  
Theileria mutans, cattle, occurrence, experimental infection of ticks successful only with Boophilus annulatus, possible vector: Turkey

Theileria mutans  
Joyner, L. P.; et al., 1979, Research Vet. Sc., v. 26 (3), 387-388  
British Theileria mutans, Japanese T. sergenti, serological comparison showed that the two parasites were indistinguishable, name of British parasite should be changed to T. sergenti

Theileria mutans Theiler, 1906, illus.  
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria mutans  
Theileria sp. (Zaria) and Theileria sp. (Katsina) shown to be T. mutans: Nigeria

Theileria mutans  
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

Theileria mutans  
Uilenberg, G.; et al., 1977, Tropenmed. u. Parasitol., v. 28 (4), 499-506  
Theileria parva, T. mutans, cattle, immunization, large-scale field trial: Tanzania

Theileria mutans  
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

Theileria mutans, illus.  
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.)
Theileria mutans
Young, A. S.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (3), 281-288
theilerial parasites, incidence in Syncerus caffer, role as reservoir of cattle pathogenetic theilerioses in East Africa

Theileria mutans
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

Theileria orientalis Yakimoff et Soudatschenkoff, 1931, illus.
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria ovis Rodhain, 1916, illus.
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria ovis Rodhain, 1916, 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

Theileria parva
Theileria parva, European breeds of cattle, clinical and pathological picture of East Coast fever: Uganda

Theileria parva
Brown, C. G. D.; et al., 1977, Tropenmed. u. Parasitol., v. 28 (4), 507-512
Theileria parva, Bos taurus with patent East Coast fever induced by inoculation of cryopreserved stabilates of tick-derived infective particles, preliminary evaluation of n-pyrrolidinomethyl tetracycline and oxytetracycline

Theileria parva
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 leucocyte 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

Theileria parva
Duffus, W. P. H.; et al., 1978, Infect. and Immun., v. 22 (2), 492-501
Theileria parva, Trypanosoma rhodesiense, 51Cr-labeled chicken erythrocytes coated with protozoal antigens form suitable targets for bovine antibody-dependent cell-mediated cytotoxicity assays

Theileria parva
Theileria parva-infected bovine lymphoid cell culture line (C2), no specific parasite antigen detected on C2 cell surface, no detectable surface immunoglobulin or secretion of immunoglobulins into tissue culture medium, C2 cells found to share membrane antigen with normal calf thymus cells and to possess strong transplantation antigen, C2 cells can act as weak stimulators in mixed leucocyte reaction

Theileria parva, probably
Giles, N.; et al., 1978, Vet. Rec., v. 102 (14), 513
Theileria parva, Masai cattle, clinical signs, serological tests: Loita Hills near Narosura, Kenya

Theileria parva, illus.
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

Theileria parva
Theileria parva transmitted by Rhipicephalus appendiculatus to calves (exper.), histopathologic and electron microscopic studies of cutaneous lesions

Theileria parva Thelier, 1904, illus.
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria parva
Theileria lawrencei, T. parva, cattle, epi-zootiology, diagnosis, immunity, prophylaxis, therapy: East Africa

Theileria parva, illus.
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)
Theileria parva, illus.
Theileria parva- and T. annulata-infected bovine lymphoblastoid cell cultures used in in vitro screens to test wide range of compounds for chemotherapeutic activity

Theileria parva
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

Theileria parva
piroplasms isolated from bovine blood infected with Theileria annulata and T. parva, isoenzyme variation

Theileria parva, illus.
Theileria parva, T. lawrencei, cultivation of cell-free schizonts and merozoites in vitro, immunogenicity in cattle inoculated with T. parva merozoites and schizonts and later challenged

Theileria parva
Theileria parva, cross-immunity trials in recovered cattle indicate that Ugandan isolates differ immunologically from T. parva (Muguga) and among themselves and that several strains and/or species are responsible for field cases of East Coast fever: Uganda

Theileria parva
cell-mediated immunity to Theileria parva-transformed cell lines

Theileria parva
Theileria lawrencei, immunization of Bos taurus by infection (with single and multiple Theileria spp. isolates) and chemophylaxis (long-acting oxytetracycline)

Theileria parva (Muguga)
Theileria parva, lymphocyte transformation

Theileria parva
Uilenberg, G.; et al., 1977, Tropenned. u. Parasitol., v. 28 (4), 494-498
Theileria spp. (Idobogo and Mwanza), cattle (nat. and exp.); transmission by Rhipicephalus appendiculatus (exp.); 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

Theileria parva
Uilenberg, G.; et al., 1977, Tropenned. u. Parasitol., v. 28 (4), 499-506
Theileria parva, T. mutans, cattle, immunization, large-scale field trial: Tanzania

Theileria parva
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

Theileria parva
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

Theileria parva, illus.
Theileria spp., rapid quantitative assessment of infection in ticks, simplified method for methyl green pyronin staining of salivary glands

Theileria parva
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

Theileria recondita
piroplasms, sheep, pure and mixed infections: Turkmenia

Theileria recondita Lestoquard, 1929
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria separata (Uilenberg and Andreassen 1974) [n. comb.]
Syn.: Haematoxenus separatus Uilenberg and Andreassen, 1974

Theileria sergenti
Han, T. W., 1978, Research Rep., Office Rural Develop., Min. Agric. and Fish., Korea, v. 20, 53-88
thelieriosis, 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

Theileria sergenti
Hayashi, T.; et al., 1978, Bull. Fac. Agric. Tottori Univ., v. 30, 82-88
Theileria sergenti, grazing cattle, administration of pamaquine probably causes blood coagulation disorders
Theileria sergenti
Joyner, L. P.; et al., 1979, Research Vet. Sc., v. 26 (3), 387-388
British Theileria mutans, Japanese T. sergenti, serological comparison showed that the two parasites were indistinguishable, name of British parasite should be changed to T. sergenti

Theileria sergenti Yakimoff et Dekhtereff, 1930, illus.
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria tarandirangiferis Kerzelli, 1909, illus.
Theileria spp. of domestic animals, economic importance, systematics, life cycle, pathology, diagnosis, therapy, prophylaxis, review

Theileria taurotragi (Martin and Brocklesby 1960)
Grootenhuis, J. G.; et al., 1979, Research Vet. Sc., v. 27 (1), 59-68
Theileria taurotragi stablitate from eland was infective for eland and for Bos taurus, course of infections, low pathogenicity, response of recovered animals to homologous and heterologous challenge, serology, tick transmission between cattle, establishment of infected lymphoblastoid cell lines; morphology of schizonts

Theileria veliferi (Uilenberg 1964) [n. comb.], illus.
Theileria veliferi ultrastructure of enigmatic veil using light and electron microscopy
Syn.: Haematoxenus veliferus Uilenberg, 1964
Amblyomma lepidum A. hebraeum

Theileria velifera
Berger, J., 1979, J. South African Vet. Ass., v. 50 (1), 45-46
case history, review steers (nat. and exper.) (blood): farm Gulu near East London, Eastern Cape Province

Theileriasis
Avessalomov, I. S.; and Baenov, N., 1977, Veterinariia, Moskva (8), 76
theileriasis, cattle, delagil combined with vitamins and penicillin, effective and non-toxic

Theileriasis
cattle tick survey, 15 spp. found, concluded that establishment of Rhipicephalus appendiculatus makes situation potentially dangerous with regard to transmission of theileriasis: Malawi

Theileriasis
Gautam, O. P., 1977, Haryana Vet., v. 15 (2), 77-87
theileriasis, cattle, review: India

Theileriasis
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

Theileriasis
theileriasis, dairy cow treated with chloroquine and oxytetracycline, chloroquine toxicity causing corneal opacity and possibly abortion

Theileriasis
ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia

Theileriasis
theileriasis, Jersey cattle, incidence and treatment with berenil, babesan, nevaquine, and aureomycin: Exotic Nucleus Cattle Farm, Bassi, Jaipur

Theileriasis
Vecherkin, S. S.; et al., 1977, Veterinariia, Moskva (10), 77-78
theileriasis, cattle, Peganum harmala alkaloids effective, no harmful or cumulative effects

Theilohanellus sp.
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Theilohanellus fuhrmanni Auerbach
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Microsporidia spp.: lipid inclusions in spores and spore wall.

Thelelophania nasi-locustae: illus.

Thelelophania sp., 1959, Parasitologiya, Leningrad, v. 8 (8), 1-104.

Mycrosporidia spp.: polysaccharides in spores, nature of transmission unknown.


Genus causing invasive epizootic disease of food fishes: Reovirus, review.

Thelelophania


Review of microsporidia reported from nematodes.


Thelelophania hentzep fasm. n. key.


As is concluded that sporogony by means of the sporangium is characterized by the development of a synaptonemal complex during meiosis and sporulation, which may be essential characters of the genus Thelohania hentzep, 1967.

Thelelophania sp. (Hazard, 1971, v. 8 (8), 1-104)

Aedes campus campion: Aethiopinae

Thelelophania sp. Hilsenhoff et al., 1966, Illus.


Thelohania bicuspidata, 1969
as syn. of Amblyospora bicuspidata (Baudoin, 1969) comb. n.

Thelohania bicuspis (in part), 1969
as syn. of Amblyospora trichostegiae (Baudoin, 1969) comb. n.

Thelohania Bolinasae Kellen and Wills, 1962
as syn. of Amblyospora bolinasae (Kellen and Wills, 1962) comb. n.

Thelohania Brachetia Debasieux and Gastele (in part), 1919 [et auct.]
as syn. of Amblyospora brachetia (Strickland, 1915) comb. n.

Thelohania Brachetia (Strickland, 1913), illus.
Maurand, J.; and Loubes, C., 1978, Ztschr. Parasitenk., v. 56 (2), 131-146
microsporidia from simuliid larvae: ultrastructural studies simuliid larvae: region languedocienne (Sud de la France)

Thelohania Brasiliensis Kudo, 1924 (nomen nudum)
"doubtful Thelohania species"

Thelohania breindli Weiser, 1946, illus.
microsporidia from simuliid larvae: ultrastructural studies simuliid larvae: region languedocienne (Sud de la France)

Thelohania Brachetia Debasieux and Gastele (in part), 1919 [et auct.]
as syn. of Amblyospora brachetia (Strickland, 1915) comb. n.

Thelohania Brachetia (Strickland, 1913), illus.
Maurand, J.; and Loubes, C., 1978, Ztschr. Parasitenk., v. 56 (2), 131-146
microsporidia from simuliid larvae: ultrastructural studies simuliid larvae: region languedocienne (Sud de la France)

Thelohania Brasiliensis Kudo, 1924 (nomen nudum)
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Thelohania breindli Weiser, 1946, illus.
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Thelohania Brachetia Debasieux and Gastele (in part), 1919 [et auct.]
as syn. of Amblyospora brachetia (Strickland, 1915) comb. n.

Thelohania Brachetia (Strickland, 1913), illus.
Maurand, J.; and Loubes, C., 1978, Ztschr. Parasitenk., v. 56 (2), 131-146
microsporidia from simuliid larvae: ultrastructural studies simuliid larvae: region languedocienne (Sud de la France)
Thelohania cepede Hesse, 1905
"doubtful Thelohania species"

Thelohania chaetogastris Schroeder, 1909
"doubtful Thelohania species"

Thelohania chomatobiae Kreig, 1956
"doubtful Thelohania species"

Thelohania chironomi Debaisieux, 1928
as syn. of Pleistophora chironomi (Debaisieux, 1928) comb. nov.

Thelohania chironomi Jirovec, 1940
as syn. of Thelohania debaisieuxi (Jirovec, 1940) nom. nov.

Thelohania chironomi Jirovec, 1940
"doubtful Thelohania species"

Thelohania cladocera (Pfeiffer, 1895) Jirovec, 1936
"doubtful Thelohania species"

Thelohania columbaczense Weiser, 1960
"doubtful Thelohania species"

Thelohania contejeani Henneuguy, 1892
synonymy

Thelohania contejeani, illus.
Voronin, V. N., 1971, Parazitologiya, Leningrad, v. 5 (2), 186-191
Thelohania contejeani in Astacus astacus (skeletal and cardiac muscles, ovaries and eggs) (nat. and exper.), prevalence, pathogenesis, developmental cycle, possibility of transovarian as well as oral transmission: Leningrad oblast

Thelohania corethrae Schuberg and Rodriguez, 1915
"doubtful Thelohania species"

Thelohania corynoneurae sp. n., illus.
Corynoneura sp. (fat body): lake Vrevo, Leningrad oblast and lake Uchenoe, Pskovsk oblast

Thelohania cyclopis Weiser, 1945
"doubtful Thelohania species"

Thelohania dasyriae Issi and Lipa, 1968
"doubtful Thelohania species"

Thelohania debaisieuxi (Jirovec, 1940) nom. nov., illus.
Syn.: Thelohania chironomi Jirovec, 1940

Thelohania diazoma Kramer, 1961
"doubtful Thelohania species"

Thelohania diazoma Kramer 1965
"doubtful Thelohania species"

Thelohania duorara Iversen and Manning, 1959
"doubtful Thelohania species"

Thelohania duorara, illus.
Thelohania duorara, Agamasoma penaei, and Pleistophora sp. in Penaeus duorarum, pathology, tissue specificity: southern Biscayne Bay

Thelohania duorara Iversen and Manning, illus.
description
Penaeus semisulcatus (musculature, gonads): Mandapam

Thelohania ephestiae Mattes, 1928
"doubtful Thelohania species"

Thelohania eriogastri Weiser, 1957
"doubtful Thelohania species"

Thelohania fibrata (Strickland, 1913) Debaisieux and Gastaldi, 1919
"doubtful Thelohania species"

Thelohania fibrata (Strickland), illus.
Loubes, C., 1979, J. Protozool., v. 26 (2), 200-208
Microsporida, synaptonemal complexes demonstrated in 8 genera but not in Nosema, implications for life cycles
Thelohania fibrata (Strickland, 1913), illus. Maurand, J.; and Loubes, C., 1978, Ztschr. Parasitenk., v. 56 (2), 131-146 microsporidians from simulid larvae, ultrastructural studies simulid larvae: region languedocienne (Sud de la France)


Thelohania janus Hesse, 1903 Hazard, E. I.; and Oldacre, S. W., 1976, Tech. Bull. (1530), U. S. Dept. Agric., 1-104 "doubtful Thelohania species"


Thelohania legeri Khalilulin, G. L., 1973, Parazitologiia, Leningrad, v. 7 (4), 370-373 Thelohania spp. in Aedes spp. larvae, infection rate under natural conditions and in tests with transovarial transmission did not exceed 2%, infection rate in tests with transmission per os reached 50% Aedes cinereus cinereus A. cyrius A. flavescens all from Mariisk ASSR


Thelohania mesnili Paillot, 1924 Hazard, E. I.; and Oldacre, S. W., 1976, Tech. Bull. (1530), U. S. Dept. Agric., 1-104 "doubtful Thelohania species"

Theloehania minuta
Theloehania spp. in Aedes spp. larvae, infection rate under natural conditions and in tests with transovarial transmission did not exceed 2%, infection rate in tests with transmission per os reached 50%
Aedes cinereus rossicus
A. caspius dorsalis
all from Mariisk ASSR

Theloehania mutabilis Kudo, 1923
"doubtful Thelohania species"

Theloehania nana Kellen and Lindegren, 1969
"doubtful Thelohania species"

Theloehania nepae Lipa, 1966
as syn. of Chapmanium nepae (Lipa, 1966)
comb. n.

Theloehania noxia Kellen and Wills, 1962
as syn. of Amblyospora noxia (Kellen and Wills, 1962)
comb. n.

Theloehania obesa Kudo, 1924
Aedes caspius caspius
A. caspius dorsalis
A. vexans
all from southern Ukraine

Theloehania ochridensis Georgevitch, 1952
"doubtful Thelohania species"

Theloehania opacitor Fulton et al., 1974
as syn. of Amblyospora opacitor (Kudo, 1922)
comb. n.

Theloehania opacita Kudo, 1922
Aedes caspius caspius
A. caspius dorsalis
A. vexans
Culex modestus
all from southern Ukraine

Theloehania opacita: Weiser (in part), 1947
as syn. of Amblyospora opacita Khlilin sp. n.

Theloehania opacita: Weiser (in part), 1961
as syn. of Amblyospora californica (Kellen and Lipa, 1960) comb. n.

Theloehania nr. opacita Anderson, 1968
as syn. of Amblyospora canadensis (Wills and Beaudoin, 1965) comb. n.

Theloehania opacita Fulton et al., 1974
as syn. of Amblyospora opacita (Kudo, 1922)
comb. n.

Theloehania opacita: Weiser (in part), 1947
as syn. of Amblyospora opacita Kudo sp. n.

Theloehania opacita: Weiser (in part), 1961
as syn. of Amblyospora californica (Kellen and Lipa, 1960) comb. n.

Theloehania opacitor Fulton et al., 1974
as syn. of Amblyospora opacitor (Kudo, 1922)
comb. n.

Theloehania opacita Fulton et al., 1974
as syn. of Amblyospora canadensis (Wills and Beaudoin, 1965) comb. n.

Theloehania opacita
Theloehania spp. in Aedes spp. larvae, infection rate under natural conditions and in tests with transovarial transmission did not exceed 2%, infection rate in tests with transmission per os reached 50%
Aedes cinereus rossicus
A. caspius dorsalis
A. vexans
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Theloehania opacita: Weiser (in part), 1947
as syn. of Amblyospora opacita Kudo sp. n.

Theloehania opacita: Weiser (in part), 1961
as syn. of Amblyospora californica (Kellen and Lipa, 1960) comb. n.
Thelohania opacita var. mariensis
Khaliulin, G. L., 1975, Parazitologiya, Lenin-grad, v. 7 (4), 370-375
Thelohania spp. in Aedes spp. larvae, infection rate under natural conditions and in tests with transovarial transmission did not exceed 2%, infection rate in tests with transmission per os reached 50%
Aedes communis: Marilik ASSR; Tatarsk ASSR

Thelohania orchi ste n. sp. [nomen nudum]
Orchestia platensis: Visakhapatnam (Andhra Pradesh, India)

Thelohania ovicola (Auerbach, 1910) Kudo, 1924
"doubtful Thelohania species"

Thelohania pagurii Perez, 1927

Thelohania penaei Sprague, 1950
as syn. of Agmasoma penaei (Sprague, 1950) comb. n.

Thelohania petrolisthis Sprague, 1970
synonymy

Thelohania pinguis Hesse, 1903, illus.

Thelohania pinguis Hesse, 1903
"doubtful Thelohania species"

Thelohania electrocnemias Weiser, 1946
"doubtful Thelohania species"

Thelohania pristiphorae Smirnoff, 1966
"doubtful Thelohania species"

Thelohania pyriformis Kudo, 1924
"doubtful Thelohania species"

Thelohania reniformis Kudo and Hetherington, 1922
"doubtful Thelohania species"

Thelohania rhithrogenae Weiser, 1946
"doubtful Thelohania species"

Thelohania rotunda Kudo, 1924
as syn. of Amblyospora minuta (Kudo, 1924), comb. n.

Thelohania similis Weiser, 1957
"doubtful Thelohania species"

Thelohania tabani Gingrich, 1965
"doubtful Thelohania species"

Thelohania thomsoni Kramer, 1961
"doubtful Thelohania species"

Thelohania trichostegiae Baudoine, 1969
as syn. of Amblyospora trichostegiae (Baudoine, 1969) comb. n.

Thelohania unica Kellen and Wills, 1962
as syn. of Amblyospora unica (Kellen and Wills, 1962) comb. n.

Thelohania vandeli Poisson, 1924
"doubtful Thelohania species"

Thelohania vanessae Chorine, 1930
"doubtful Thelohania species"

Thelohania varians (Leger, 1897) Debaisieux, 1919
"doubtful Thelohania species"

Thelohania veliae of Weiser, 1961
"doubtful Thelohania species"

Thelohania virgula (Moniez, 1887) Kudo, 1921
"doubtful Thelohania species"

Thelohania weiseri Gunther, 1960
"doubtful Thelohania species"

Thelohania wumi Weiser, 1946
"doubtful Thelohania species"
Thelohaniidae fam. n.
to genera, type gen.: Thelohania
includes: Parathelohania Codreanu, 1966;
Amblyospora gen. n.; Chapmanium gen. n.;
Hyalinocysta gen. n.; Agmasoma gen. n.;
Systenostrema gen. n.; Pilosporella gen. n.;
Cryptosporina gen. n.; Inodosporus Overstreet
and Weidner, 1974; Pegmatheca gen. n.; Thelohania Hennequay, 1892

Thriiotia n. g.
male, 12. s., v. 19 (3), 261-277
Porosporidae
mt: T. pisae (L. et D.) [n. comb.]

Thriiotia
Theodorides, J., 1979, Compt. Rend. Acad. Sc.,
intestinal eugregarines of Brachyura, dis-
tribution among hosts confirms validity of
new classification system for hosts

Thriiotia pisae (L. et D.) [n. comb.] (mt),
illus.
male, 12. s., v. 19 (3), 261-277
Ganymedes, Porospora, Thriiotia, epicytic
ultrastructure, taxonomic significance
Syn.: Porospora pisae Leger et Duboscq
Pisa tetragon
P. nodipes
Lissa chiragra
Aconthonyx lunulatus
all from Villefranche-sur-Mer (Alpes-Mar-
times)

Toxoglogea bacilliformis (Leger et Hesse, 1922)
comb. nov., illus.
v. 19 (2), 113-135
Syns.: Bacillidium bacilliforme (Leger et
Hesse, 1922); Mrazekia bacilliformis (Leger
et Hesse, 1922)

Toxoglogea chironomi (Debaisieux, 1931) Jirovec,
1936, illus.
v. 19 (2), 113-135

Toxoglogea corynoneurae sp. n., illus.
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Corynoneura sp. (fat body): lake Vrevo

Toxoglogea tetraspora (Leger et Hesse, 1922)
comb. nov., illus.
v. 19 (2), 113-135
Syns.: Bacillidium tetrasporum (Leger et
Hesse, 1922); Mrazekia tetraspora (Leger et
Hesse, 1922)

Toxoplasma
Aho, K.; Jaernefelt, M.; and Rapola, J., 1971,
Scand. J. Infect. Dis., v. 3 (1), 55-57
toxoplasmosis, survey of mothers with still-
born infants using the complement fixation
and dye test, high antibody titers and autopsies
findings substantiating infection
were found in only one case: Helsinki, Finland

Toxoplasma
Amin-Zaki, L.; Al-Saffar, G.; and Al-Aswad,
B., 1971, Folia Parasitol., v. 18 (2), 179-182
Toxoplasma skin tests, mentally retarded
children and their mothers, conclusion that
zooplasmosis does not play a great role in
mental retardation causation: Iraq

Toxoplasma
Beier, T. V.; Shibalova, T. A.; and Kostenko,
L. A., 1978, [Cytology of coccidial], 185 pp.,
ilus.

Toxoplasma
Brasil. Med. Trop., v. 7 (6), 349-351
toxoplasmosis, humans, diagnosis comparing
Sabin-Feldman dye test and latex flocculation.
both tests gave similar results

Toxoplasma
Boch, J.; Boehm, A.; and Weiland, G., 1979,
Berl. u. Munchen. Tierarztl. Wchnschr., v. 92
(12), 240-243
coccidia, dogs (feces), coprological and
serological survey: South Germany

Toxoplasma
Burke, G. J.; and Mills, A. E., 1979, South
toxoplasmosis, Black Rhodesian youth, un-
usual presentation with cardiac arrhythmia
and low cholinesterase levels, clindamycin

Toxoplasma
Cacciaipuoti, B.; et al., 1979, Bolìl. Ist.
toxoplasmosis, human, diagnosis, complement
fixation reaction, evaluation of different
antigens and methods, comparison with dye test
and indirect immunofluorescence

Toxoplasma
Camargo, M. E.; et al., 1978, Infect. and
Immun., v. 21 (1), 55-58
toxoplasmosis, diagnostic possibilities of
IgG and IgM micro-enzyme-linked immunoabsorbent
assays, results compared to those of hemag-
igmatination, complement fixation, and immuno-
fluorescence tests in serum samples pre-
senting serological characteristics of recent
or acute infection, of transitional period
following acute infection, and of ancient
infection

Toxoplasma
v. 119 (10), 425-432
Toxoplasma, cattle, pigs, Sabin-Feldman
dye test; no evidence of infective Toxoplas-
ma in meat stored between 0 and 4°C for 3
weeks, proper cooking of meat excludes the
possibility of transmitting toxoplasmosis: Lausanne abattoir

Toxoplasma
(4), 462-467
Leishmania donovani presenting as localized
lymphadenitis without cutaneous, mucosal or
visceral involvement, histologic appearance
simulated toxoplasmosis, 2 case reports, value
of electron microscopy in differential diag-
osis
Toxoplasma Fesefeldt, C.; and Braveny, I., 1978, Immun. u. Infekt., v. 6 (4), 160-165
Toxoplasma, human, diagnosis, micromethod with stable reagents for indirect hemagglutination test (IHA), comparison with Sabin-Feldman dye test, complement fixation test, and 2 commercial IHA kits

Toxoplasma Frenkel, J. K., 1971, Rev. Latinoam. Patol., v. 10 (1), 5-12
human toxoplasmosis, recent advances, presentation at the annual meeting of the American Society of Tropical Medicine and Hygiene

toxoplasmosis in cats, clinical and parasitologic features, serologic diagnosis, treatment, transmission, and prevention, brief review

Toxoplasma Gutteridge, W. E.; and Coombs, G. H., 1977, Biochemistry of parasitic protozoon, text-book: Methodology, catabolism and generation of energy, nucleic acid metabolism, protein metabolism, lipid metabolism, biochemical mechanism of drug action; isolation of parasitic protozoa from infected animals, culture of parasitic protozoa

Toxoplasma Heydorn, A. O., 1979, Berl. u. Munchen. Tierarztliche Wochenschr., v. 92 (11), 214-220
coccidia of cats, life cycle, epidemiology, review

Toxoplasma, sow, case of spontaneous abortion

Toxoplasma Hyman, B. C.; and Macionis, A. J., 1979, J. Parasitol., v. 65 (3), 421-425
Plasmodium spp., rapid detection in blood smears by fluorescence microscopy with 4'6 diamidino-2-phenylindole; can also be used to stain Toxoplasma and microfilariae

human ocular toxoplasmosis, long-term medical management, pathology, combined sulfamide and antibiotics as therapy

Toxoplasma, clinically normal thoroughbred horses, 70% positive in fluorescent antibody test: Sao Paulo city

Toxoplasma, humans (pig-breeders and their families), swine, stray cats, antibody prevalence: Hamaka district, Shizuoka Prefecture, Japan

Toxoplasma Kobayashi, A.; et al., 1977, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 25 (6), 427-433
Toxoplasma dye test, human and horse sera as sources of accessory factor, serum from cows, pigs, and sheep could not be used as source of accessory factor

Toxoplasma Kobayashi, A.; et al., 1977, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 26 (3), 175-180
Toxoplasma, diagnosis, commercial latex agglutination test, comparison with dye and indirect hemagglutination tests

Coccidiomorpha, life cycles, mechanisms assuring continuation of transmission, thesis

demonstration of antibodies to Protozoa, extensive review

Toxoplasma Mas Bakal, P.; and in't Veld, N., 1979, Ztschr. Parasitenk., v. 59 (3), 211-217
Toxoplasma strain RH, mice inoculated with irradiated toxoplasms appeared to resist challenge with virulent organisms

toxoplasmosis, human serological survey of 4 ethnic groups: Transvaal, South Africa

Toxoplasma, illus.
Toxoplasma bradyzoites from Mastomys natalensis (cerebral tissue), not infectious or able to replicate after 24 hours of storage under freezing at -20°C, no intact bradyzoites demonstrable, changes in structure and substance of cells and cysts
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Muchinik, G.; et al., 1978, Rev. Hosp. Ninos, Buenos Aires (78), v. 20, 4-10 toxoplasmosis, chorioretinitis, survey for presence of antibodies using the direct agglutination and indirect immunofluorescence tests, gradual increase in infection rate with age (60% by age 14)

Toxoplasma

Norrby, R.; and Eilard, T., 1976, Scand. J. Infect. Dis., v. 8 (4), 275-276 toxoplasmosis, recurrent infection in woman treated with co-trimoxazole, normal clinical response to each course of therapy, no evidence of impaired immunity

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Tsubota, N.; et al., 1977, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 26 (4), 286-290 Toxoplasma, human, diagnosis, microtiter latex agglutination test

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Tsubota, N.; et al., 1977, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 26 (4), 276-285 Toxoplasma, sensitized latex for microtiter agglutination test, preparative conditions and stability of reagent

Toxoplasma


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Toxoplasma

Yamaura, H., 1976, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 25 (2), 80-86 Toxoplasma oocysts, No. 1 and Fukaya strains, effects of low temperature and dryness on viability

Toxoplasma

Yeni, P.; et al., 1978, Lancet, London (8057), v. 1, 219-220 [Letter] human toxoplasmosis, high percentage of false positive results in immunofluorescence detection of IgM anti-Toxoplasma antibodies when serum used for test also contains rheumatoid factor

Toxoplasma cyst. illus.


Toxoplasma [sp.]

Toxoplasma-like organism


Toxoplasma forms related to Dactylosoma ranarum

Toxoplasma-like organism, illus.

Leptodactylus ocellatus (central nervous system): Brasil

Toxoplasma[a sp.], illus.


Toxoplasma[a sp.], puppies, radiculoneuritis, clinical and pathological findings

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Toxoplasma [sp.], sheep (diaphragm, heart, brain, abdominal muscle (lung), goat (diaphragm), latent infection, parasitological and serological observations: Chiba Prefecture, Japan

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Toxoplasma-cysts, increased perinatal mortality in small flock of dairy sheep

Schafe (Lunge, Kotyledonen): Bodenseekreis

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Toxoplasma gondii, humans, review of recent information on methods of transmission, possible transitory hosts, immunity

Toxoplasma gondii, illus.


Toxoplasma gondii, lack of interaction with classical interferon system in cells of human origin

Toxoplasma gondii, illus.

Akinshina, G. T.; and Desmon, Zh., 1977, Veterinariia, Moskva (12), 80-85

Toxoplasma gondii, mechanical-secretory penetrative ability into mouse peritoneal macrophages is correlated with strain virulence, scanning electron microscopy

Toxoplasma gondii

Al-Khalidi, N. W.; and Dubey, J. P., 1979, J. Parasitol., v. 65 (2), 331-334

Toxoplasma gondii, horses, dye test antibody titers, isolation in cats and mice: slaughtered in Ohio, obtained from Ohio, Indiana, Illinois, and Kentucky

Toxoplasma gondii


Toxoplasma gondii, 28-year-old man, fatal case of interstitial pneumonia, lesions also found in central nervous system and heart, case report: Sao Paulo, Brazil

Toxoplasma gondii


toxoplasmosis, human outbreak at industrial plant, epidemiological study: State of Sao Paulo, Brazil

Toxoplasma gondii


human toxoplasmosis, diagnostic problems encountered, discussion of need to consider patient's socio-economic status when toxoplasmosis has been confirmed

Toxoplasma gondii

Amato Neto, V., 1976, Rev. Med. IAMPSE, v. 7 (3-4), 22-28

human toxoplasmosis, etiology, epidemiology, clinical aspects, general review

Toxoplasma gondii


human toxoplasmosis, diagnosis, treatment, prophylaxis, conclusion of general review

Toxoplasma gondii


Toxoplasma gondii, human lymphatic infections, immunofluorescence tests and Sabin-Feldman dye tests compared

Toxoplasma gondii


Toxoplasma gondii, human acquired lymphatic form, diagnosis by bone marrow examination

Toxoplasma gondii


Toxoplasma gondii, humans, agglutinotest compared with indirect immunofluorescence, agglutinotest not satisfactory

Toxoplasma gondii


Toxoplasma gondii, chlorodinitrobenzene skin test for diagnosis of acquired lymphatic toxoplasmosis

Toxoplasma gondii


test for anti-Toxoplasma gondii antibodies in persons with various non-parasitic diseases, Sabin-Feldman dye test and immunofluorescence compared using serum vs. ascitic fluid samples

Toxoplasma gondii


Toxoplasma gondii, members and visitors of small community, pigeons as source of infection: city of Sao Paulo, Brazil
Toxoplasma gondii
Toxoplasma gondii, differential diagnosis of human lymphatic form, finding that fever is not always a constant sign in the clinical diagnostic picture

Toxoplasma gondii
Toxoplasma gondii, human acquired lymphatic infection, comparative study of serum and cerebro spinal fluid with Sabin-Feldman dye test, less antibodies in spinal fluid than serum, no evidence of nervous system involvement

Toxoplasma gondii
Toxoplasma gondii, Entamoeba histolytica, Trichinella spiralis, Echinococcus granulosus, human, diagnosis by enzyme-linked immunosorbent assay with a modified micro-method, parallel study by comparative serological tests

Toxoplasma gondii
Ambroise-Thomas, P.; Simon, J.; and Bayard, S., 1978, Biomedicine Express, v. 29 (7), 245-248
Toxoplasma gondii, human, indirect hemagglutination test using whole antigen for serodiagnosis and for determining stage of disease, comparison with indirect immunofluorescence

Toxoplasma gondii, illus.
Toxoplasma gondii, humans, diagnosis, review

Toxoplasma gondii
Toxoplasma gondii, antibody prevalence survey in pregnant women during diagnostic work-ups prior to delivery, immunofluorescence and Sabin-Feldman dye tests both of diagnostic value but direct agglutination test gave false positive reactions

Toxoplasma gondii, illus.
Apt, W., 1975, Rev. Med. Chile, v. 103 (8), 557-562
Toxoplasma gondii, humans, morphology, biology, pathogenesis, epidemiology, review

Toxoplasma gondii
Apt, W., 1975, Rev. Med. Chile, v. 103 (9), 621-627
human Toxoplasma gondii, clinical characteristics of acquired and congenital toxoplasmosis, clinical diagnosis, therapeutic recommendations, review

Toxoplasma gondii
Apt, W.; Arribada, A.; and Mauhens, S., 1971, Recent Advances Stud. Cardiac Struct. and Metab., v. 2, 95-105
human cardiomyopathies resulting from Chagas disease or Toxoplasma gondii, etiology, clinical aspects, prognosis, clinicopathological correlations with autopsy, review: Chile

Toxoplasma gondii
Toxoplasma gondii, study of persons with acute and chronic forms of infection for evidence of chromosome aberrations, brief discussion of possible pathogenic mechanism of chromosomal damage in the presence of infections

Toxoplasma gondii
Toxoplasma gondii, survey of serum samples from blood donors, Sabin-Feldman dye test and indirect immunofluorescence tests compared; Sarcocystis sp. in local animals may have some bearing on test results: Belo Horizonte, Brazil

Toxoplasma gondii
Toxoplasma gondii strains isolated from rabbits and fetuses of ewes which miscarried, comparative studies of virulence and immunogenicity, role in etiology of abortion

Toxoplasma gondii
Toxoplasma gondii, essential role of cat in life cycle and in transmission to man

Toxoplasma gondii
omchocerciasis, malaria, humans, epidemiological and vector survey; no evidence of schistosomiasis but potential vectors are present; little evidence of Toxoplasma gondii: lac de retenue de Bamendjin, Cameroun

Toxoplasma gondii
Toxoplasma gondii, human lymphatic, clinical and laboratory features of 47 cases: Chile

Toxoplasma gondii
Toxoplasma gondii, evaluation of nitroblue tetrazolium dye test in diagnosis of acquired lymphatic forms of infection

Toxoplasma gondii
Bailenger, J.; et al., 1972, Therapeutique, v. 48 (2), 117-126
dangers of cortisone therapy in the presence of human parasitic pathology, clinical review
Toxoplasma gondii
Baldelli, E., 1974, Parasitologia, v. 16 (1), 21-45
Toxoplasma gondii, life cycle, epidemiology, review

Toxoplasma gondii
Toxoplasma gondii, epidemiologic survey of Indians of the Upper Xingu River (indirect immunofluorescence), comparison with 2 other surveys made in different geographic areas and in populations of more advanced areas of civilization (Sabin-Feldman dye test), little significant differences: Brazil

Toxoplasma gondii
Beach, P. G., 1979, J. Infect. Dis., v. 140 (5), 780-785
Toxoplasma gondii antibody prevalence in pregnant women, indirect haemagglutination test acceptable for mass screening, comparison with methylene blue dye test and indirect fluorescent antibody test: Oregon

Toxoplasma gondii
Beier, T. V.; Slim, J. C.; and Hutchison, W. M., 1977, Tsitologija, v. 19 (11), 1261-1265
Toxoplasma gondii, cyst stage, enzymes of oxidation

Toxoplasma gondii
human toxoplasmic retinochoroiditis, clinical, diagnostic, and pathologic review

[Toxoplasma gondii] Toxoplasma gondii, illus.
[Toxoplasma gondii], handbook, epidemiology, clinical aspects, diagnosis, treatment, prophylaxis

Toxoplasma gondii, illus.
Best, T.; and Finlayson, M., 1979, Arch. Path. and Lab. Med., v. 103 (13), 693-696
Toxoplasma gondii, humans, 2 forms of encephalitis associated with opportunistic infection

Toxoplasma gondii, illus.
toxoplasmosis, human, serodiagnosis, review

Toxoplasma gondii, illus.
Toxoplasma gondii, 1-, 8-, and 10-day-old piglets (exper.), serological findings, tissue cysts, reactive changes in lymphoid tissue, incidence and severity of inflammatory lesions, organs affected; T. gondii more virulent in younger piglets due to delayed maturation of host lymphoid system during first week of life

Toxoplasma gondii
Biocca, E., 1976, Parasitologia, v. 18 (1-3), 9-12

Toxoplasma gondii
Blank, N.; and Castellino, R. A., 1975, Seminars Roentgenol., v. 10 (1), 63-72
pulmonary infections in patients with altered immunity, radiologic diagnosis and follow-up, includes information on Pneumocystis carinii and Toxoplasma gondii

Toxoplasma gondii
Bonard, E. C., 1975, Rev. Med. Suisse Rom., v. 95 (9), 713-729
human toxoplasmosis, congenital, acquired, oculcar, clinical review, prophylaxis, therapy

Toxoplasma gondii
Borges, J. S.; and Johnson, W. D., Jr., 1975, J. Exper. Med., v. 141 (2), 483-496
Toxoplasma gondii, in vitro model for quantitation of multiplication in monocytes from normal and immune human subjects, findings show that capacity to inhibit growth of toxoplasmas is induced in monocytes by a product released after exposure of T lymphocytes from immune subjects to toxoplasma antigen

Toxoplasma gondii
cryopreservation of parasitic protozoa

Toxoplasma gondii
Braveny, I.; Winter, W.; and Disko, R., 1978, Toxopurenmed. u. Parasitol., v. 29 (4), 432-434
Toxoplasma gondii, cultivation in human larynx carcinoma cells yielded 150-200 times the amount of inoculated Toxoplasmas within 2-5 days of culture inoculation

Toxoplasma gondii
Toxoplasma gondii, serological survey of pregnant women by racial and age groups; results in relation to epidemiology, complications, diagnosis and treatment: Bloemfontein area

Toxoplasma gondii
Bruecker, O., 1978, Immun. u. Infekt., v. 6 (5), 203-204
Toxoplasma gondii, human, organisms demonstrated in liver parenchyma, case report

Toxoplasma gondii
Toxoplasma gondii, serological detection of infection in children with mental disorders compared to detection in normal children, prevalence of disease varied depending on mental deficiency and intelligence quotients of children with mental disorders: Araraquara, Brazil

Toxoplasma gondii
Toxoplasma gondii, survey of infection prevalence in mental patients as compared with a sampling from normal controls; slightly higher rate of positive serology in the mentally ill patients
Toxoplasma gondii

Toxoplasma gondii, wild animals, serologic survey: Florida

Toxoplasma gondii Nicolle et Manceaux, 1909

Toxoplasma gondii, complement fixation test survey, positive reactions in [Bos taurus], [Ovis aries], [Sus scrofa], [Citellus fulvus], [Gallus galus], [Allactaga severtsova], [Otus scops], and [Columba livia]

Toxoplasma gondii
Buxton, D.; Reid, H. W.; and Pow, I., 1979, J. Comp. Path., v. 89 (3), 375-379

Toxoplasma gondii-infected mice, diminished immune response to clostridial and louping-ill virus vaccines

Toxoplasma gondii
Calderon, C.; et al., 1973, Rev. Med. Chile, v. 101 (8), 624-629

Toxoplasma gondii, human, blood collected on filter paper, possible use for routine diagnostic tests for toxoplasmosis, results suggest that this method is suitable only for mass screening studies

Toxoplasma gondii, illus.

Toxoplasma gondii, human lymphatic infection, diagnosis by indirect immunofluorescence, case reports: Chile

Toxoplasma gondii, illus.
Calderon, C.; Thiermann, E.; and Apt, W., 1972, Rev. Med. Chile, v. 100 (4), 414-416

Toxoplasma gondii, diagnosis, immunofluorescence

Toxoplasma gondii

Toxoplasma gondii, pregnant women, sero-diagnosis, review

Toxoplasma gondii

Toxoplasma gondii, human congenital, significance of different diagnostic tests in screening for inapparent infections, serologic tests and serologic patterns in mothers and children studied

Toxoplasma gondii

Toxoplasma gondii, comparative study of hemagglutination, complement fixation, IgG- and IgM-immunofluorescence tests on human serum samples

Toxoplasma gondii

Toxoplasma gondii, human, IgM fluorescence test, false positive results caused by rheumatoid factor; heat-aggregated gamma globulin added to sera avoids false positives

Toxoplasma gondii
Camarota, H. E.; Castro, C.; and Aon, J. J., 1972, Rev. Argent. Cardiol., v. 40 (1), 49-54

Toxoplasma gondii, evaluation as cause of human myocarditis, importance of differential diagnosis

Toxoplasma gondii

Toxoplasma gondii, comparative study of hemagglutination and IgM-immunofluorescence tests on human sera, positive reactions in [Bos taurus], [Ovis aries], [Sus scrofa], [Citellus fulvus], [Gallus galus], [Allactaga severtsova], [Otus scops], and [Columba livia]

Toxoplasma gondii, illus.

Toxoplasma gondii, human congenital, significance of different diagnostic tests in screening for inapparent infections, serologic tests and serologic patterns in mothers and children studied

Toxoplasma gondii

Toxoplasma gondii, human, estimation of incidence of congenital infections during 1970: Sao Paulo City, Brazil

Toxoplasma gondii

Toxoplasma gondii, humans, serological survey using indirect hemagglutination test, prevalence of antibody titers by host age, sex, and village (altitude): Malili area, South Sulawesi, Indonesia

Toxoplasma gondii

Toxoplasma gondii, human, estimation of incidence of congenital infections during 1970: Sao Paulo City, Brazil

Toxoplasma gondii

Toxoplasma gondii, human, control reagent prepared from mouse peritoneal exudate used for toxoplasmin diagnostic skin test, comparison with the more commonly employed reagent of mouse spleen extract; study of 50 persons thought to have toxoplasmosis showed the new reagent to be equally reactive with some advantages over the spleen extract

Toxoplasma gondii
Cohen, S. N.; et al., 1974, Taiwan i Hweh Hui Tsa Chih (J. Formosan Med. Ass.), v. 73 (6), 324-327

Toxoplasma gondii, prevalence in cord blood specimens surveyed using indirect hemagglutination test, antibodies confirmed in sera by the indirect fluorescent antibody test: Taiwan
Toxoplasma gondii
Toxoplasma gondii, dogs, prevalence survey, higher antibody titers in older dogs and those with concomitant disease: Chandigarh territory, north India

Toxoplasma gondii
Chhabra, M. B.; and Mahajan, R. C.; and Ganguly, N. K., 1979, Haryana Agric. Univ. J. Research, v. 9 (1), 59-62
Toxoplasma gondii, mice (exper.), value of double vaccination by irradiated tachyzoites

Toxoplasma gondii
Toxoplasma gondii, mice, immunization, 60Co irradiation, degree and duration of protection

Toxoplasma gondii
Toxoplasma gondii, isolation from suspected human material by mouse inoculation, correlation between high serological titre and success in isolation, 4 of 6 isolations from lymph node biopsies were from patients with malignant disorders of lymphatics

Toxoplasma gondii, illus.
Chinchilla, M.; and Frenkel, J. K., 1978, Infect. and Immun., v. 19 (3), 999-1012
Toxoplasma gondii, Besnoitia jellisoni, antigen-treated lymphocytes from immune hamsters can directly confer immunity not only to macrophages but also to fibroblasts and kidney cells, infection-specific mediators can be derived from immune lymphocytes in presence of antigen and also confer immunity to macrophages and somatic cells

Toxoplasma gondii
Cho, B. C., 1977, Taehan Ankwa Hakhoe Chapchi (J. Korean Ophth. Soc.), v. 18 (1), 9-12
Toxoplasma gondii-infected mice, pathologic changes in brains and orbits

Toxoplasma gondii, illus.
Toxoplasma gondii oocysts, process of excystation, light and electron microscopy

Toxoplasma gondii
Toxoplasma gondii, mice, therapeutic effect of bayarea and kelfizine alone or in combination with dimethylsulphoxide, and of several other antibacterial, antiviral, and antiprotozoan substances

Toxoplasma gondii
Chu, J. K., 1972, Taehan Uihak Hyophoe Chi (J. Korean Med. Ass.), v. 15 (8), 685-690
human parasites, differential diagnosis

Toxoplasma gondii
Toxoplasma gondii, ovine, clinical signs, diagnosis, epidemiology, control, review

Toxoplasma gondii
Toxoplasma gondii, congenital infection diagnosed in infant with microphthalmia and coloboma of the optic nerve, case report: Romania

Toxoplasma gondii
Toxoplasma gondii, Trichinella spiralis, concurrent infections in mice, intestinal worm burdens, muscle worm burdens, worm fecundity, resistance to newborn larvae, small bowel pathology, muscle inflammation, eosinophil levels, numbers of toxoplasma cysts in brain

Toxoplasma gondii
Toxoplasma gondii, swine, indirect immunofluorescence diagnosis: State of Sao Paulo, Brazil
Toxoplasma gondii
anti-Toxoplasma gondii antibody, frequency in cows, indirect immunofluorescence: Japoticabal, Sao Paulo, Brazil

Toxoplasma gondii
sporozoans, staining for nucleic acids

Toxoplasma gondii
Cottelee, C.; and Faneeree, L., 1976, Rev. Med. Liege, v. 31 (23), 729-734
Toxoplasma gondii, investigation of role of cat in disease transmission

Toxoplasma gondii
Toxoplasma gondii, trypanosomiasis, malaria, leishmaniasis, parasitic pathology of foetus, review

Toxoplasma gondii
Toxoplasma gondii, calf, congenital encephalomyelitis, perivascular mononuclear infiltrations, nodular gliosis and granulomatous lesions in spinal cord

Toxoplasma gondii
parasitic diseases of human respiratory system, immunodiagnostic methods, review

Toxoplasma gondii
Cross, J. H.; and Santana, F. J., 1974, Taiwan Hsueh Hui Tsa Chih (J. Formosan Med. Ass.), v. 73 (11), 676-678
Toxoplasma gondii, survey of local birds and mammals for possible infection

Toxoplasma gondii
Apodemus agrarius (France): Heung-fu-1iao, Taipei Hsien, Taiwan kittens (exp.) (feces)

Toxoplasma gondii
Cruz, A. M. R.; et al., 1978, Rev. Hort. Farm., v. 18 (2), 123-126
Toxoplasma gondii, human, diagnosis, direct agglutination

Toxoplasma gondii
Toxoplasma gondii, kittens (exp.), gametogenic cycle

Toxoplasma gondii
Toxoplasma gondii, immunoserological study of humans suspected of having infections resulting from their contacts with domestic animals

Toxoplasma gondii
Toxoplasma gondii, diagnosis, standardization of the enzyme-linked immunosorbent assay, discussion of apparatus available for mechanization of this process, importance of suitable carrier for the antigen

Toxoplasma gondii, illus.
prenatal toxoplasmosis, human, clinical, diagnostic, and therapeutic aspects, symposium presentation

Toxoplasma gondii
Toxoplasma gondii, affinity of 4 strains to mice brains over other organs

Toxoplasma gondii
Toxoplasma gondii causing symptoms resembling infectious mononucleosis, need for consideration in differential diagnosis of persons manifesting a glandular syndrome

Toxoplasma gondii
Hammondia hammondi, Besnoitia jellisoni, Toxoplasma gondii, BCG, comparison of cross-protection in hamsters

Toxoplasma gondii
Toxoplasma gondii, chronically infected cats re-excreted T. gondii oocysts after superinfection with Isospora felis, this re-excretion was prevented in cats infected with I. felis before T. gondii infection, administration of BCG before Toxoplasma infection had no apparent effect on outcome of infection

Toxoplasma gondii
Toxoplasma gondii, direct development of enteropithelial stages in intestines of cats (exp.), hypothesis of extraintestinal pregametogenic stages not confirmed

Toxoplasma gondii
Toxoplasma gondii, pig (small intestine, lymph node, liver, spleen, lungs, brain), neonatal diarrhea, histopathology: Bloomfield, Indiana

Toxoplasma gondii
Toxoplasma gondii, cats (exp.), immunity, effects of host age and corticosteroid administration; excretion of T. gondii, Isospora felis, and I. rivolta oocysts from cats previously infected and challenged with all 3 coccidia

Toxoplasma gondii
Dubey, J. P.; and Wong, M. M., 1978, J. Parasitol., v. 64 (3), 551-552
Hammondia hammondi, experimentally infectious to only 1 of 4 monkey species (Saguinus nigricollis), all 4 species developed low and transitory antibody titers to Toxoplasma gondii antigen after inoculation with Hammondia oocysts
Toxoplasma gondii
Toxoplasma gondii, premarket evaluation of commercial toxoplasmosis indirect fluorescent antibody reagents, only 49% of all of products tested met Center for Disease Control requirements

Toxoplasma gondii
Dvorak, J. A.; and Howe, C. L., 1979, J. Protozool., v. 26 (1), 114-117
Toxoplasma gondii-vertebrate cell interactions, kinetic study of reproductive phase utilizing controlled-environment culture system

Toxoplasma gondii
Toxoplasma gondii, wild hamster (Cricetus cricetus) highly susceptible to infection especially when parasite introduced intranasally, epidemiological implications

Toxoplasma gondii, illus.
Falade, S., 1978, Prod. Sci., v. 10 (3), 175-177
Toxoplasma gondii, Dermestes lardarius fed on infected mice, possible role in natural transmission

Toxoplasma gondii, illus.
Entzeroth, R.; Scholtyseck, E.; and Greuel, E., 1978, Naturwissenschaften, v. 65 (7), 395
"The application of different techniques led to the conclusion that, besides three ultra-morphologically different sarcocystid cysts, the roe-deer [Capreolus capreolus] muscles contain coccidia of the genera Toxoplasma and Hammondia."

Toxoplasma gondii, illus.
Ferguson, D. J. P.; et al., 1978, Acta Path. et Microbiol. Scand., v. 87B (3), 165-167
Toxoplasma gondii, ultrastructure of sporocyst, initiation of sporozoite formation

Toxoplasma gondii, illus.
Toxoplasma gondii, oocyst sporulation, zygote development, sporoblast formation, ultrastructure, light and electron microscopy

Toxoplasma gondii, illus.
Ferguson, H. W.; and Ellis, W. A., 1979, Vet. Rec., v. 104 (17), 392-395
Toxoplasma gondii, calf (lung, kidney), gross post mortem and histopathological changes, cat as suspected source of infection

Toxoplasma gondii
Fernandes, W. J.; and Barbosa, W., 1972, Rev. Patol. Trop., v. 1 (2), 259-265
Toxoplasma gondii, incidence in some domestic animals: Golanía

Toxoplasma gondii
Toxoplasma gondii, prevalence in domestic and wild animals and humans, indirect hemagglutination test: Manaus, Amazonas (also indigenous Indians from Territory of Roraima)

Toxoplasma gondii
Toxoplasma gondii, human, life cycle, incidence and prevention of congenital infection, diagnosis, treatment, review

Toxoplasma gondii
Fleischer, N. K., 1979, Med. Welt., v. 30 (44), 1625-1630
parasitic tropical diseases, humans, central nervous system involvement, clinical review

Toxoplasma gondii
immunology and nonspecific resistance

Toxoplasma gondii
Toxoplasma gondii, Besnoitia jellisoni, Lis- teria, and virus infections in mice and hamsters, challenge with homologous and heterologous species, components of specific immunity and nonspecific resistance
Toxoplasma gondii
radiologic differential diagnosis of intracranial calcifications including those resulting from parasitism

Toxoplasma gondii
Galuzo, I. G., 1977, Protozool., v. 3, 159-168
Toxoplasma gondii, epidemiology, review

Toxoplasma gondii
Toxoplasma gondii, human, hemagglutination test, seropositivity rates significantly different in Indonesians vs. Chinese but not between sexes: Jakarta, Indonesia

Toxoplasma gondii
Toxoplasma gondii, swine, antibody prevalence survey: California

Toxoplasma gondii
Toxoplasma gondii, mice, effect of age on humoral antibody response and on development of tissue cysts, results suggest age-related decrease in early immune response allows increased multiplication of organisms leading to increased cyst numbers or death

Toxoplasma gondii
Toxoplasma gondii, mice, effect of host age on lymphocyte responsiveness and macrophage activation during acute and chronic infection, results suggest that increased 'antigenic load' in older mice with chronic infection may result in enhanced cell-mediated immunity but at extreme of old age there is major decline in inductive mechanism which overrides this stimulation

Toxoplasma gondii
Toxoplasma gondii, mice, partial purification of toxostoxin, strong possibility that it is a mixture of toxic substances

Toxoplasma gondii
Toxoplasma gondii, human, serological survey using indirect fluorescent antibody technique, 95.7% positive, no significant difference between sexes, highest antibody level in population 2-19 years old: northern Iran

Toxoplasma gondii
zoonotic infections, occurrence and distribution in rodents
Hydromys chrysogaster: north Queensland

Toxoplasma gondii
Glazebrook, J. S.; Campbell, R. S. F.; and Hutchinson, G. W., 1977, Tropenmed. u. Parasi tol., v. 28 (4), 545-551
survey of feral rodents in six tropical habitats for infections of potential zoonotic importance
Hydromys chrysogaster (brain, diaphragm): North Queensland, Australia

Toxoplasma gondii
Toxoplasma gondii, human, dye test survey related to professions: Sorocaba City, State of Sao Paulo

Toxoplasma gondii
Toxoplasma gondii, human, frequency of infections in rural and urban areas compared, place of residence unimportant factor: Brazil

Toxoplasma gondii
Toxoplasma gondii, human, no evidence of relationship between chronic or latent infection and fetal losses: Clinical Hospital, Ribeirao Preto-University of Sao Paulo Medical School

Toxoplasma gondii
Grimwood, B. G.; Hecchemy, K.; and Stevens, R. W., 1979, Exp. Parasitol., v. 48 (2), 282-286
Toxoplasma gondii, purification of trophozoites propagated in cell culture

Toxoplasma gondii
zoonoses transmitted via foodstuff, control measures, review

Toxoplasma gondii
Toxoplasma gondii in vitro and in vivo in mice, effects of trimethoprim and sulfamethoxazole alone and in combination

Toxoplasma gondii
Toxoplasma gondii, marked depression of natural immunity in cyclophosphamide-treated rats

Toxoplasma gondii
Toxoplasma gondii, women, presence of antibodies correlated with various disorders, significant risk of infection through consumption of uncooked or underdone meat but not through contact with animals: area urbana di Catania e provincia

Toxoplasma gondii
Toxoplasma gondii, human, acquired chorioretinitis, pet cat possible source of infection, case report
Toxoplasma gondii, illus.
Toxoplasma gondii, life cycle discussed with reference to newly detected oocysts found in cat feces, problems in classification outlined

Toxoplasma gondii
Toxoplasma gondii, mice, reversal of effect of cyclophosphamide by passive immunization, data indicate that antibody plays important role in establishing infection-immunity (premunition) in this system

Toxoplasma gondii

Toxoplasma gondii
Hahn, H. L., 1977, Therapiewoche, v. 27 (48), 8784-8794 pneumonia, humans, etiology, includes clinical aspects, diagnosis, therapy of toxoplasmosis and Pneumocystis carinii

Toxoplasma gondii
Hamerski, W.; Sikorski, R.; and Kawa, E., 1978, Terap. i Leki, v. 6, p. 28 (10), 342-343
Toxoplasma gondii, ophthalmic changes in children born of mothers who had been treated for chronic infection

Toxoplasma gondii
Hansman, D., 1973, South Australian Clin., v. 6 (3), 272-276 toxoplasmosis, life cycle, routes of transmission to man, review

Toxoplasma gondii
Hart, P. A., 1979, Lysoosomes Applied Biol. and Therap., v. 6, 409-423 phagosome-lysosome fusion in macrophages, possible role in intracellular fate of ingested microorganisms, review including some information on parasitic protozoa

Toxoplasma gondii
Toxoplasma gondii cysts, infectivity for white mice after various periods of freezing, role of low temperatures as limiting factor in epidemiology of toxoplasmosis

Toxoplasma gondii

Toxoplasma gondii
Toxoplasma gondii, mice, comparison of pyrimethamine and sulfamethoxyprazine used separately or in combination and of a long-acting preparation of sulfamethoxyprazine

Toxoplasma gondii
Herskovic, P.; et al., 1977, Rev. Med. Chile, v. 105 (7), 436-438
Toxoplasma gondii, comparative survey of isolated communities (mainland community and island community) with emphasis on dietary habits and sources, island inhabitants' (72% infected) food source was mostly fish and other sea food suggesting that island infections may come from sea food, food source of mainland inhabitants (40% infected) was mostly lamb and beef, both communities had cats present: Chile

Toxoplasma gondii, illus.

Toxoplasma gondii

Toxoplasma gondii

Toxoplasma gondii, illus.
Hutchison, W. M.; et al., 1979, Acta Path. et Microbiol. Scand., v. 87B (6), 393-395 toxoplasma gondii-infected cats, scanning electron microscopy of small intestinal mucosa

Toxoplasma gondii

Toxoplasma gondii

Toxoplasma gondii
Ilija, W.; et al., 1974, Rev. Cubana Cirug., v. 13 (2), 279-288 toxoplasma gondii, epidemiologic and immunodiagnostic survey of 131 pregnant women for evidence of infection or pathologic pregnancies

Toxoplasma gondii

Toxoplasma gondii
Ito, Y.; et al., 1976, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 25 (3), 133-140 toxoplasma gondii, Beverley strain, mice, pathogenicity of tachyzoites, cysts and oocysts
Toxoplasma gondii
Toxoplasmosis, serodiagnosis, review

Toxoplasma gondii
Toxoplasma gondii antibodies, human, prevalence survey by areas and ethnic groups: Natal, Eastern Cape, Western Cape, South West Africa, and Botswana regions of Southern Africa

Toxoplasma gondii
Toxoplasma gondii isolated from tonsils of 2 children, both children and mother had high titer dye tests and mother had history of previous spontaneous abortions; possible etiology, possible relationships between tonsillitis and toxoplasmosis: Sao Paulo

Toxoplasma gondii
Toxoplasma gondii, suggestions for improving immunodiagnostic tests, culture procedures and storage methods for laboratory studies

Toxoplasma gondii
Toxoplasma gondii, women with diagnostic antibody titers, study of presence of structural chromosome abnormalities in lymphocyte cultures, concluded that Toxoplasma infection does not increase proportion of chromosomal breakage in peripheral blood lymphocytes

Toxoplasma gondii
Jira, J.; Barnctova, M.; and Valkoun, A., 1979, Casop. Lek. Cesk., v. 118 (31), 971-975
Toxoplasma gondii, humans, diagnosis, complement fixation with toxoplasmic antigen adapting Takatsky's microtitration system, sensitive and economical

Toxoplasma gondii
Toxoplasma gondii, mice (exper.), kinetics of cyst occurrence and production of complement fixing antibodies

Toxoplasma gondii
Johnson, A. M.; McDonald, P. J.; and Neeh, S. H., 1979, Internat. J. Parasitol., v. 9 (1), 55-56
Toxoplasma gondii, RH strain, method for obtaining maximum yield of tachyzoites from peritoneal cavity of infected mice, host does not mount detectable humoral response to the parasite

Toxoplasma gondii
Jones, M. A.; and Hunter, D. H., 1979, Vet. Rec., v. 104 (23), 529
Toxoplasma gondii, newborn piglet, probable congenital infection although no significant antibody response in dam; diagnosis in piglet by mouse inoculations: United Kingdom

Toxoplasma gondii
Jones, T. C., 1979, Current Therapy (Conn), 73-74
Toxoplasma gondii, human, management, treatment, review

Toxoplasma gondii, illus.
Toxoplasma gondii, alterations in mice infected with toxoplasmas attenuated in virulence, effects of antibodies to Toxoplasma on survival and growth of these organisms in vitro, multiplication of toxoplasmas within macrophages from normal and immunized mice, requirements for lymphocytes and for Toxoplasma antigen for induction in macrophages of ability to suppress Toxoplasma multiplication and variation in these requirements with time after immunization, further characterization of lymphocyte-antigen effect on macrophages, effects on Toxoplasma multiplication in macrophages of supernates of immune lymphocyte-Toxoplasma antigen interactions

Toxoplasma gondii
Karmanska, K.; Grzywinski, L.; and Seniuta, R., 1974, Acta Parasitol. Polon., v. 22 (22-34), 335-344
Toxoplasma gondii-infected mice, mast cell behaviour as stimulated by pathogenic and non-pathogenic parasite strains

Toxoplasma gondii
Ketchel, S. J.; and Rodriguez, V., 1978, Seminars Oncol., v. 5 (2), 167-179
acute infections in cancer patients with mention of Pneumocystis carinii and Toxoplasma gondii

Toxoplasma gondii, illus.
Khavkin, Th. N.; and Freidlin, I. S., 1977, Ztschr. Parasitenk., v. 52 (1), 19-21
Toxoplasma gondii in parasitophorous vacuoles of mouse peritoneal macrophages, lysosomes in macrophages stained with quinacrine, fluorescence microscopy shows that lysosomes do not fuse with vacuoles containing viable parasites, may be factor in pathogenicity

Toxoplasma gondii
Khadr, G.; and Matossian, R., 1978, Obst. and Gynec., v. 51 (1), Suppl. 74s-77s
Toxoplasma gondii, stillborn infant, congenital infection with resulting multiple deformities and hydrops fetales, case report, demonstration of toxoplasmic antigenic material in fetal and placental tissue using direct immunofluorescence

Toxoplasma gondii
Toxoplasma gondii, prevalence survey, Sabin-Feldman dye test, population of 3 areas: State of Sao Paulo, Brazil

Toxoplasma gondii, illus.
Toxoplasma gondii, guinea pigs, effect of gonadectomy and oestrogen administration on development of lesions in non-lymphoid organs, results suggest that cell mediated immunity is important in both pathogenesis of and resistance to non-lymphoid toxoplasmosis
Toxoplasma gondii

Toxoplasma gondii, human, comparative evaluation of slide haemagglutination and tube haemagglutination test for serodiagnosis

Toxoplasma gondii, illus.
Toxoplasma gondii, outbreaks among domestic rabbits, importance of microscopical and histological examination and serological tests for diagnosis, problems of epizootiology and prophylaxis: Basso Piave, Venice district

Toxoplasma gondii
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Toxoplasma gondii, incidence in slaughtered pigs, serological survey, indirect hemagglutination test: abattoirs in Metro Manila

Toxoplasma gondii
toxoplasmosis, humans, symptoms, transmission, prevention, treatment, review

Toxoplasma gondii
Toxoplasma gondii, possible diagnostic value of searching for parasitic infection in humans with neurologic diseases

Toxoplasma gondii
Toxoplasma gondii, epidemic in laboratory personnel of department of genetics, contact with cell cultures as means of proliferating and transferring infection: Prague

Toxoplasma gondii
Toxoplasma gondii, mice, vaccination with toxoplasma cell fractions alone or combined with mycobacterial glycolipids

Toxoplasma gondii
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Toxoplasma gondii, separation of zoites from white blood cells in mouse peritoneal exudate, comparison of 18 different sintered glass filters, only one found to be satisfactory

Toxoplasma gondii
Toxoplasma gondii, immunization of NMRI mice against highly virulent BK strain, comparative efficacy of eleven cyst-forming strains

Toxoplasma gondii
Masihi, K. N.; and Werner, H., 1978, J. Immunol., v. 121 (5), 2056-2059
Toxoplasma gondii, types of cells involved in antigen-stimulated and spontaneous rosette formation

Toxoplasma gondii
Toxoplasma gondii, mice, effect of passively transferred heterologous serum on number of brain cysts present and survival rate after lethal challenge, serum given before challenge reduces numbers of brain cysts and increases survival rate, serum given after challenge gives higher survival rate but enhances infection as judged by increased numbers of brain cysts

Toxoplasma gondii
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Toxoplasma gondii, outbreak of toxoplasmosis in 6 of 7 members of one household with index case manifesting retinocochloriditis, undercooked lamb implicated as probable source of infections, case reports with clinical features, diagnostic serology: New York City

Toxoplasma gondii
Toxoplasma gondii cysts in Mastomys natalensis (brain), ultrastructure, freeze-etch technique makes possible a clearer description of membranes than thin-section and scanning electron microscopy

Toxoplasma gondii
Toxoplasma gondii, albino rats, transplacental infection only in offspring of female rats infected during pregnancy, no infection in offspring of female rats infected before pregnancy, offspring protected by mother's infection prior to pregnancy

Toxoplasma gondii
Toxoplasma gondii, human acquired lymphatic form, diagnosis by injecting infected lymphatic tissue into mice

Toxoplasma gondii
Toxoplasma gondii in tissue culture, life cycle and development recorded by microcinematographic study in phase contrast

Toxoplasma gondii
Toxoplasma gondii, fine-structure changes in trophozoites after deep-freeze preservation with dimethyl sulphoxide

Toxoplasma gondii
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Toxoplasma gondii, woman, case report, acquired systemic infection presenting as infectious mononucleosis syndrome, diagnosed as toxoplasmosis after patient developed retinitis, material from lymph node biopsy injected into mice from which the parasite was subsequently isolated
Toxoplasma gondii
Toxoplasma gondii, human, immune response, risk of congenital infection during pregnancy

Toxoplasma gondii
Toxoplasma gondii, human, lymphocyte blastogenesis

Toxoplasma gondii
Toxoplasma gondii, immunological epidemiological survey, percentage of positives among medical students and individuals from a rural population, compared with two groups of women with history of abortion: Spain

Toxoplasma gondii
Toxoplasma gondii, calves (exper.), pregnant cows (exper.), antibody titres measured by indirect fluorescent antibody test and dye test, Toxoplasma reisolated from 3 of the 5 calves, no abortions in pregnant cows and no evidence of infection in their calves, concluded that cattle do not readily acquire persistent T. gondii infections

Toxoplasma gondii
Toxoplasma gondii, sheep and cattle exposed to natural infection, serological responses, results taken to indicate that cattle do not readily acquire persistent infections

Toxoplasma gondii
Toxoplasma gondii, cause of perinatal death in goats: Tasmania, southern Australia

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Toxoplasma gondii, role of oxygen intermediates in macrophage killing and inhibition of growth of intracellular toxoplasmas

Toxoplasma gondii
Toxoplasma gondii, methods which demonstrate susceptibility to selected oxygen intermediates generated in cell-free system

Toxoplasma gondii
Toxoplasma gondii, human, incidence survey using indirect hemagglutination test, correlation with types of pathologic lesions and geographic location in Peru

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Toxoplasma gondii, B-1,3 glucan did not induce non-specific resistance in vivo (mice) or in vitro

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Toxoplasma gondii, humans, clinical and serological data on patients treated with trimethoprim-sulphamethoxazole

Toxoplasma gondii
Toxoplasma gondii, children and juveniles surveyed for positive reactions to the toxoplasmin skin test, comparisons by age, and geographic locations in and around Berlin (GDR)

Toxoplasma gondii
Isospora hominis, I. belli, humans, epidemiologic survey, clinical aspects, immunodiagnostic comparisons with Toxoplasma gondii (immunofluorescence, protein electrophoresis, Sabin-Feldman dye test) resulted in frequent cross-reactions: Goias, Brazil

Toxoplasma gondii
Naquilla & Manceaux, 1908
Toxoplasma gondii, human toxoplasmic retinochoroiditis, determination of human leukocyte-A antigens, no significant difference in infected vs. non-infected persons

Toxoplasma gondii
Toxoplasma gondii, human toxoplasmosis in patients with Crohn's disease, no significant differences in immunological aspects in and around Berlin (GDR)

Toxoplasma gondii
Isospora hominis, I. belli, humans, epidemiologic survey, clinical aspects, immunodiagnostic comparisons with Toxoplasma gondii (immunofluorescence, protein electrophoresis, Sabin-Feldman dye test) resulted in frequent cross-reactions: Goias, Brazil

Toxoplasma gondii
Nicolle & Manceaux, 1908
Toxoplasma gondii, current concepts, pathology, treatment, life cycle, transmission

Toxoplasma gondii
Toxoplasma gondii, non-immunized and immunized cats (primary oral infection followed by challenge), excretion of oocysts, and its role in epidemiology of toxoplasmosis; cats disseminate T. gondii mainly by remote and indirect transmission and overall pollution rather than by direct contact between cats and humans
Toxoplasma gondii
Toxoplasma gondii, germfree, gnotobiotic and conventional cats, life cycle studies

Toxoplasma gondii, illus.
Toxoplasma gondii, germfree, gnotobiotic and conventional cats, life cycle studies, morphology of intra-intestinal stages

Toxoplasma gondii, illus.
toxoplasmosis, birds, review of diagnosis, epizootiology, clinical data, prophylaxis, and role of birds in circulation of toxoplasma in natural and experimental infection of domestic, wild, and columbiform birds: Kazakhstan

Toxoplasma gondii
Toxoplasma gondii, sheep, prevalence and distribution, not cause of high proportion of abortions: Provincia de Leon, Espana

Toxoplasma gondii
Toxoplasma gondii, comparison of indirect hemagglutination test and fluorescent antibody test in detection of antibodies in human sera

Toxoplasma gondii
Toxoplasma gondii, increased risk of toxoplasmosis in immunosuppressed patients with malignant lympho-reticulo-endothelial diseases

Toxoplasma gondii
toxoplasmosis, 2 case reports, clinical signs, pathology
Oryctolagus cuniculus: province of Brabant, Belgium

Toxoplasma gondii
Toxoplasma gondii, incidence in domestic rabbits originating from small family or industrial rabbitries, indirect fluorescent antibody test: Belgium

Toxoplasma gondii
Sarcocystis spp., domestic animals, review of life cycle and differential characters from Toxoplasma gondii and Hammondia hammondi

Toxoplasma gondii
Toxoplasma gondii, pyrimidine salvage pathways examined to determine enzymic defect of mutant resistant to 5-fluorodeoxyuridine

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Toxoplasma gondii, lack of adenosine kinase is biochemical basis for resistance to adenine arabinoside in mutant

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Toxoplasma gondii, clinical and serological survey of pregnant women, study of incidence, consequences of latent forms of disease, influential factors as age, race and origin, and relationships between toxoplasmosis and pathologic pregnancies: Goiana, Brasil

Toxoplasma gondii
Toxoplasma gondii, laboratory mice and rats, latent infection, diminished learning ability

Toxoplasma gondii
Toxoplasma gondii, Sarcocystis tenella, freeze fracture studies of infective stages, outer and inner membranes, rhoptries membranes

Toxoplasma gondii
simplified chromatographic separation of IgM from IgG and its application to diagnosis of Toxoplasma gondii by indirect immunofluorescence

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Toxoplasma gondii, serological survey using Sabin-Feldman dye test in wild animals (Mephitis mephitis; Vulpes vulpes; Canis latrans; Ursus americanus; Blarina brevicauda; Microtus pennsylvanicus), all had antibodies except Microtus pennsylvanicus: 14 counties in southern Ontario
Toxoplasma gondii
Trypanosoma cruzi, Toxoplasma gondii, humans, serological survey using the indirect hemagglutination test: Motul, Yucatan

Toxoplasma gondii
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Toxoplasma gondii, exper. transmission to rabbits using human blood injected directly into veins or by blood transfusions, implications for infection transmission through banked human blood

Toxoplasma gondii
Toxoplasma gondii in kennels of Alsatians

Toxoplasma gondii, illus.
Toxoplasma gondii, immunology, review

Toxoplasma gondii
Toxoplasma gondii, human, Clinical aspects, serologic diagnosis, prevalence mainly in Brazil, epidemiology of zoonosis, review

Toxoplasma gondii
Toxoplasma gondii, human, seroepidemiological survey, prevalence in relation to geographic region, age, sex, rural vs. urban residence, skin color, blood group, occupation, contact with animals: Brazil

Toxoplasma gondii
Toxoplasma gondii, hospitalized livestock and pets and nonhospitalized stray dogs, prevalence of antibodies analyzed in relation to host age, sex, breed, clinical diagnosis, and discharge status (alive vs. dead): California

Toxoplasma gondii
Toxoplasma gondii, prevalence of antibodies among wild carnivores, regional distribution, Lynx rufus and feral Felis domestica important hosts for reinforcing infection in wildlife areas: California

Toxoplasma gondii
toxoplasmosis, human congenital, mechanisms of transmission as related to childbearing period, clinical review

Toxoplasma gondii
human ocular toxoplasmosis, clinical, diagnostic and therapeutic review

Toxoplasma gondii
Toxoplasma gondii found in 0 of 52 domestic cats and .66% of 150 wild cats: CSSR

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causes of mononucleosis syndromes, discussion includes toxoplasmosis in humans

Toxoplasma gondii
Toxoplasma gondii, goats, prevalence as surveyed serologically, mode of transmission to man, economic and public health aspects: California

Toxoplasma gondii
Toxoplasma gondii, human, heart transplants, strong implication that donors' hearts were most likely source of infection, case reports

Toxoplasma gondii
Pneumocystis carinii and Toxoplasma gondii in normal and compromised host, special reference to concomitant infection with cytomegalovirus, general review

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Toxoplasma gondii, effect of cytochalasin D on entry into mononuclear phagocytes and into cells generally not considered to be phagocytes, results support concept that host cells actively participate in process by which Toxoplasma gains entry into cells

Toxoplasma gondii, illus.
Toxoplasma gondii, light and electron microscopic studies of host pathology

Toxoplasma gondii
acute congenital toxoplasmosis of generalized form diagnosed in infant presenting with severe hemorrhagic syndrome, intense jaundice, and spleno-hepatomegaly, clinical aspects, 10-month follow-up: Uruguay

Toxoplasma gondii
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Toxoplasma gondii, human, prevalence survey for anti-toxoplasma antibodies using indirect immunofluorescence: Rio Grande do Norte State, Brazil

Toxoplasma gondii
Toxoplasma gondii isolated from swine diaphragm and brain, Sarcocystis sp. from diaphragm, T. gondii samples pathogenic to mice: abattoirs, Belo Horizonte, Minas Gerais

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Toxoplasma gondii
Toxoplasma gondii, human, diagnosis, sensitivity and reproducibility of indirect immunofluorescence, results of tests on 2593 Béarnese people in 9 age classes; need for expression of antibody titers in international units

Toxoplasma gondii
Toxoplasma gondii, evaluation of detection of immunoglobulin M for diagnosis using the immunofluorescence test, concluded that detection of IgM is helpful but should be used in conjunction with other diagnostic procedures

Toxoplasma gondii, illus.
Toxoplasma gondii, woman, intracerebral infection presenting as mass lesion, case report: Indiana

Toxoplasma gondii, illus.
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Toxoplasma gondii, in vitro invasion of mouse erythrocytes, electron microscopy, sequence of events led to assumption of parasite actively penetrating non-phagocytic host cells

Toxoplasma gondii
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Toxoplasma gondii, humans, prevalence survey using indirect fluorescent antibody technique: Fars Province, Iran

Toxoplasma gondii, illus.
Toxoplasma gondii, human congenital and acquired infections, life cycle, clinical aspects, diagnosis, extensive review

Toxoplasma gondii
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Toxoplasma gondii, taxonomy, life cycle, diagnosis, therapy, pathology

Toxoplasma gondii, illus.
Toxoplasma gondii, spherical bodies in cytoplasm, ultrastructure

Toxoplasma gondii
Toxoplasma gondii, characteristics of soluble T-cell derived factor(s) which can induce non-immune murine macrophages to exert anti-toxoplasma activity

Toxoplasma gondii, illus.
Toxoplasma gondii, pregnant ewes (exper.), clinical manifestations, serology, microscopic and microscopic findings, histopathology

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Isospora bigemina, I. felis, I. rivolta, sporozoites inoculated into various tissue cultures, all 3 species invaded cultured cells but only I. bigemina developed further, resemblance of cultured parasites to Toxoplasma gondii, culture material fed to mice with necropsy and serological tests for Toxoplasma negative

Toxoplasma gondii
Toxoplasma gondii in vitro, mouse immune lymphocytes produce lymphokine which inhibits intracellular parasite within nonimmune mouse macrophages; biological aspects; substance named Toxoplasma growth inhibitory factor (Toxo-GIF)

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Sarcocystis muris, Toxoplasma gondii, Isospora spp., experimental transmission to mice by ingestion of Blatella germanica and Periplaneta americana exposed to cat feces containing these coccidia or by direct ingestion of the feces, results indicate possible role of cockroaches as transport hosts and sources of cross-infection in laboratories, need for stringent control

Toxoplasma gondii
Toxoplasma gondii, serological survey of domestic and wild mammals and birds: Sao Paulo, Brasil

Toxoplasma gondii
Toxoplasma gondii, sibling kittens infected per os or parenterally with cysts or trophozoites, serological studies of kittens and mother cats, course of infection; immunity and transmission discussed

Toxoplasma gondii
Toxoplasma gondii, stray dogs, survey of saliva and blood samples, clinical examination, saliva from dogs negative, not a major factor in transmission from dog to man: Sao Paulo, Brazil
Toxoplasma gondii, illus.
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Toxoplasma gondii, mice (exper.), trimethoprim and sulfmethoxazole alone and in combination, concluded that trimethoprim has no therapeutic effect but potentiates action of sulfmethoxazole

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Toxoplasma gondii, illus.
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Toxoplasma gondii
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Toxoplasma gondii tachyzoites can penetrate differentiating Friend erythroleukemia cells containing hemoglobin or erythrocyte membrane-specific proteins such as spectrin, these results suggest that such proteins may not be essential components in preventing this parasite's penetration into mammalian erythrocytes

Toxoplasma gondii
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Toxoplasma gondii, penetration of maturing red blood cells in vitro

Toxoplasma gondii
Toxoplasma gondii, cats, random survey using Wellcome ToxHa Test haemagglutination kit

Toxoplasma gondii
Thiermann, E.; et al., 1977, Rev. Med. Chile, v. 105 (7), 433-435
Toxoplasma gondii, mice, experimental trials comparing efficacy of clindamycin with that of pyrimethamine combined with sulfamethoxypridazine, combination drug cured 100% of mice while mice treated with clindamycin survived during treatment but 50% died from severe infections after therapy had been discontinued
Toxoplasma gondii, man, juxtapapillary retinochoroiditis with a psychiatric disorder that disappeared as the retinochoroidal lesion was absorbed: case report: [Japan], originally from West Africa


Toxoplasma gondii, occurrence of antibodies compared in owners of cats and in controls using the complement fixation and indirect immunofluorescence antibody tests, study confirms that keeping a pet cat does not increase risk of infection but in certain circumstances may pose a risk for human infection


Toxoplasma gondii, naval recruits, comparative evaluation of the Sabin-Feldman dye test and the toxoplasmin cutaneous test (TCT) to evaluate usefulness of the TCT for epidemiologic research: Norway

Toxoplasma gondii, prevalence of positive toxoplasmin reactions among naval recruits from all parts of Norway

Toxoplasma gondii, frequency of positive toxoplasmin cutaneous test studied in young males, neither keeping of domestic animals or bite by animal altered frequency of positive tests: Norway

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Toxoplasma gondii, lambs, serological findings: Hessen and Rheinland-Pfalz

Toxoplasma gondii, failure to detect mouse species-specific antigens in highly purified toxoplasmin

Toxoplasma gondii, kittens, morphology of interaction between parasite and host cell

Toxoplasma gondii, illus. Vrabcic, J.; and Hoklova, R., 1978, Veterinarvi, v. 28 (12), 542-544
Toxoplasma gondii, cat (exper.), course of infection, stages found: epidemiologically important reservoir host

Toxoplasma gondii, sheep, clinical disease, abortion, review
Toxoplasma gondii

Toxoplasma gondii, human, new technique (FIAX) for serodiagnosis, based on 'pipette' principle, specialfluorescent used to perform indirect immunofluorescence test, rapid simple test which gives quantitative measure with single reading

Toxoplasma gondii

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pathological changes in human placenta due to infection, includes Toxoplasma gondii, Plasmodium, and Trypanosomiasis

Toxoplasma gondii

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Toxoplasma gondii, Hammondia hammondi, mice, serological cross-reactions

Toxoplasma gondii, illus.

Toxoplasma gondii, human acquired, case report, acute granulomateuse hepatitis (trophozoites present in liver biopsy) and associated lymphadenopathy, patient has been employed at abattoir: El Salvador, immigrating to United States

Toxoplasma gondii

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infectious causes of human embrylo and fetal pathology, includes T. gondii

Toxoplasma gondii, illus.

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Toxoplasma gondii, cells of white blood series and possibly nucleated precursors of red series are receptive to infection but mature erythrocytes cannot be infected, possibility of transmission of toxoplasmosis by blood transfusion can no longer be doubted

Toxoplasma gondii

Toxoplasma gondii, mice, incidence in peripheral blood following primary and secondary infections, infection immunity does not protect against reinfection

Toxoplasma gondii

Toxoplasma gondii, recommendations for sero-immunological diagnosis in pregnant women and for follow-up studies of new born infants for possible infections

Toxoplasma gondii

Werner, H.; et al., 1977, Tropenmed. u. Parasi-
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Toxoplasma gondii, latent infected mice, substantial reduction in brain cysts obtained by administration of hyperimmune serum, pyrimethamine, and SDDS in various combinations; effectiveness of therapy varied with parasite strain

Toxoplasma gondii

Toxoplasma gondii, placental transmission in immunised pregnant mice and rabbits, dependent on various factors (host species, state of immunity, Toxoplasma strain); roles of cellular immune defense discussed

Toxoplasma gondii, illus.

Toxoplasma gondii, influence of 'serum immunotherapy' on cysts in latent infected mice

Toxoplasma gondii

Toxoplasma gondii, mice, genetic control of resistance, data demonstrate that murine susceptibility to T. gondii is under multi-geneic control with at least one of genes linked to H-2 locus and different mechanisms of action are suggested for some of infection susceptibility genes because of phenomenon of genetic complementarity

Toxoplasma gondii

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Toxoplasma gondii

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Trichinella spiralis infections in mice with normal macrophages and in mice with macrophages activated by either chronic Toxoplasma gondii or acute Listeria monocytogenes infections, results suggest role for activated macrophages in resistance to T. spiralis

Toxoplasma gondii

Toxoplasma gondii, incidence in sera of horses, cattle, sheep, swine and wild hogs, hemagglutination test: provincia de Buenos Aires

Toxoplasma gondii, illus.

Toxoplasma gondii, intracellular forms, pyrimidine metabolism

Toxoplasma gondii Nicolle et Manceaux, 1909, illus.

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Toxoplasma gondii, new concepts about developmental cycle, review of recent literature
Toxoplasmosis
Toxoplasmosis, rabbits, humoral and cellular immune response in different stages of pregnancy, no evidence that this immune response has any protective effect on foetus

Toxoplasmosis
Toxoplasma gondii
Averbach, S., Latinoam., v. 11 (4), 331–351

Toxoplasma gondii
human protozoan infections, drugs in current use, dosage recommendations, review

Toxoplasmasis
Tom Boettcher, J., 1974, Roentgen-Blaetter, v. 27 (5), 257–261
human lymphatic toxoplasmosis with associated stationary Hodgkin’s disease, differentiation of infections and localization of involved lymph nodes by lymphography

Toxoplasmasidae
Toxoplasmasidae, state of research, brief review

Toxoplasmosis
human protozoan infections, drugs in current use, dosage recommendations, review

Toxoplasmosis
parasitic diseases, diagnosis, enzyme-linked immunosorbent assay, modified micromethod

Toxoplasmosis
Toxoplasmosis, patients of psychiatric hospital, incidence of positive indirect immunofluorescence reactions, epidemiology

Toxoplasmosis
human toxoplasmosis, comparative study of direct and indirect agglutination tests for diagnostic purposes, results suggest that the indirect agglutination test is easier to perform and is a good screening test for diagnosis: Chile

Toxoplasmosis
toxoplasmosis, serological survey, prevalence in sheep: Bulgaria and Czechoslovakia

Toxoplasmosis
toxoplasmosis, epidemiology, clinical aspects, diagnosis, ophthalmological and con- natal implications, review

Toxoplasmosis
fetal risk in maternal infections, includes information on toxoplasmosis, trichomoniasis, malaria

Toxoplasmosis
Boettcher, J., 1974, Roentgen-Blaetter, v. 27 (5), 257–261
human lymphatic toxoplasmosis with associated stationary Hodgkin’s disease, differentiation of infections and localization of involved lymph nodes by lymphography

Toxoplasmosis
toxoplasmosis, small animals, description of techniques for drawing blood samples; serologic testing for antibodies

Toxoplasmosis
human malaria, toxoplasmosis, review of parasitic complications that may result in eye pathology

Toxoplasmosis
toxoplasmosis, humans with recently acquired infections, transitional serological patterns and evolution of antibodies studied comparing hemagglutination, complement fixation and immunofluorescence tests

Toxoplasmosis
toxoplasmosis, humans, diagnosis, early and late peaks in hemagglutination titers separated by paradoxically low values

Toxoplasmosis
Canese, A.; Galeano, A.; and De Vargas, H., 1974, Rev. Paraguaya Microbiol., v. 9 (1), 34
human toxoplasmosis, evidence of transplacental transmission, both mother and infant had positive reactions to indirect immunofluorescence test immediately after child’s birth

Toxoplasmosis
hydatidosis, bilharziasis, toxoplasmosis, humans, diagnosis, enzyme linked immunoad- sorbent assay

Toxoplasmosis
immunological status of women with regard to the Torch complex (toxoplasmosis, rubella, cytomegalovirus and herpes) surveyed, need for continued serologic surveillance during pregnancy

Toxoplasmosis
sera positive for Chagas-Nazza or toxoplasmosis or both, adsorption with 3 lines of Trypanosoma cruzi, immunofluorescent titers, no cross reactions between T. cruzi and toxoplasmosis: Provincia de San Luis

Toxoplasmosis
domestic and semi-feral pigeons, survey of intestinal parasites, presence of anti-Toxoplasma antibodies in serum, possible role in epidemiology of toxoplasmosis: Belgium
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stabilized Hodgkin's disease: case report,
discussion of diagnostic problems
Toxoplasmosis
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infectious and parasitic diseases, generally
contraindicated in parasitic diseases such as
toxoplasmosis, malaria, amoebiasis,
pneumocystosis
Toxoplasmosis
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human congenital and acquired toxoplasmosis,
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dobry, J. M.; De Meuter, F.; and Kombila-Favry,
human toxoplasmosis, survey of pregnant
women, responsibilities of physi-
cans and diagnostic laboratories in provid-
ing accurate diagnostic information
Toxoplasmosis
Douglas, S.; and Koub, K., 1974, Psychiat.,
Neurol. u. Med. Psychol., v. 26 (2), 91-97
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Neurol. u. Med. Psychol., v. 26 (2), 91-97
human congenital and acquired toxoplasmosis,
abstracts of nervous system involvement, case
reviews, clinical findings, therapy
Toxoplasmosis
Dyrmoska, Z., 1974, Przegl. Epidemiol., v. 28
(3), 375-380
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(3), 375-380
human toxoplasmosis, evaluation of Sabin-
Feldman dye test, immunofluorescence and
other immunobiological tests used in diagno-
sis
Toxoplasmosis
Eamere, L.; Cotteleer, C.; and De Meuter, F.,
damere, L.; Cotteleer, C.; and De Meuter, F.,
toxoplasmosis, incidence survey in swine,
Sabin Feldman dye test, diagnosis, review
of epidemiology of human infection: Belgium
Toxoplasmosis
Fedichkina, T. P.; Shevkunova, E. A.; and
toxoplasmosis, human gastritis, cholecys-
titis, colitis and other pathology involving
the gastrointestinal tract
Toxoplasmosis
Fernandes, W. J.; et al., 1972, Rev. Patol.
Trop., v. 1 (1), 39-44
toxoplasmosis, serological testing of exception-
tional children, cross-reaction in children
infected with American trypanosomiasis, no
correlations found between mental diseases
and these infections
Toxoplasmosis
Fernandes, W. J.; et al., 1972, Rev. Patol.
Trop., v. 1 (2), 267-276
toxoplasmosis, human toxoplasmosis, statistics of epidemi-
ologic survey of 2 districts of Goiania (one
group comprised of workers in a slaughter
house and their families; one group living in
area with poor sanitary facilities): Brazil
Toxoplasmosis
Martinez-Vasquez, J. M.; et al., 1975, Semaine Hop. Paris, v. 51 (14), 963-965
toxoplasmosis, man, case report, granulomatous hepatitis in association with acquired toxoplasmic infection

Toxoplasmosis
Martinon Sanchez, F.; et al., 1977, Rev. Espan. Pediat. (189), v. 33, 115-128
human congenital toxoplasmosis, physiopathology, clinical aspects, diagnosis, review

Toxoplasmosis
human acquired toxoplasmosis, clinical aspects, pathology, review

Toxoplasmosis
Monnier, J. C.; et al., 1975, Rev. Franc. Gynec. et Obst., v. 70 (5), 325-328
toxoplasmosis, survey of pregnant women using the complement fixation and immunofluorescence tests, those found to have evidence of infection were treated with spiramycin, all had normal deliveries and infants free of infection

Toxoplasmosis
Muzzio, P. C.; Maffessanti, M.; and Pescarini, L., 1975, Quad. Radiol., v. 40 (2), 121-128
human lymphatic toxoplasmosis, differential diagnosis using lymphography, clinical case reports

Toxoplasmosis
toxoplasmosis, human and animal population (cattle, sheep, goats, horses, donkeys, poultry, dogs, laboratory animals), prevalence of antitoxoplasma antibodies, immunofluorescent and agglutination methods, epidemiology discussed: Tunisia

Toxoplasmosis
toxoplasmosis, sheep, cause of abortion, still-birth, fetal mummification, retained placenta, and lung disturbances in new-born lambs, preventive vaccination discussed

Toxoplasmosis
toxoplasmosis, recurrent infection in woman treated with co-trimoxazole, normal clinical response to each course of therapy, no evidence of impaired immunity

Toxoplasmosis
Nye, F. J., 1979, J. Antimicrob. Chemother., v. 5 (3), 244-246
toxoplasmosis, human, treatment, review

Toxoplasmosis
males of 3 ethnic groups and 3 age groups inhabiting same locality, haematological status (including anemia), spleen and liver enlargement, immunoglobulin status, malaria parasite rates; other parasite infections, possible associations between these and other factors (including nutrition, sickle cell trait, altered immune response to malaria): Northern Nigeria

Toxoplasmosis
Ouchi, H.; et al., 1976, Rinsho Fujinka Sanka (Clin. Gynec. and Obst.), v. 30 (9), 703-706
toxoplasmosis, fetus and newborn infant, signs and symptoms prior to diagnosis or during course of congenital infection

Toxoplasmosis
recurrent ocular toxoplasmosis, 19-year-old man, prospective observation of vascular anastomoses between retina and choroid, case report: University of Illinois

Toxoplasmosis
toxoplasmosis, infant, congenital infection, pyrimethamine-sulfadiazine therapy supplemented with folinic acid

Toxoplasmosis
human urogenital toxoplasmosis, statistics of cases studied because of secondary sterilility, clinical management, therapy with darpim and supronal
Toxoplasmosis
human toxoplasmosis, investigations of cellular basis for hypersensitivity using the macrophage migration test

Toxoplasmosis
human acquired and congenital toxoplasmosis, extensive clinical review: etiology, epidemiology, pathology, diagnosis, treatment

Toxoplasmosis
Ruitenber, E. J.; et al., 1977, Biomedicine, v. 26 (5), 311-314
human parasitic infections, enzyme-linked immunosorbent assay in diagnosis, brief review

Toxoplasmosis
human lymphatic toxoplasmosis, differential diagnosis, case reports, clinical aspects

Toxoplasmosis
Rustamova, E. I.; and Mekhtizade, N. S., 1979, Azerbaidzh. Med. Zhurnal (9), 14-17
toxoplasmosis, cause of blindness in children

Toxoplasmosis
Schlienger, J. L.; et al., 1978, Semaine Hop. Paris, v. 54 (15-16), 537-541
toxoplasmosis, human, case reports, prolonged fever as presenting symptom of acquired infection in adults

Toxoplasmosis
congenital toxoplasmosis in twin infants with secondary neonatal hepatic calcification, clinical case reports

Toxoplasmosis
Shkarin, V. V., 1978, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (2), 132-137
toxoplasmosis, human, prophylactic measures reviewed, recommendations; preventing transmission by blood transfusion

Toxoplasmosis
human toxoplasmosis, differential diagnosis using the toxoplasmin antigen for skin test

Toxoplasmosis
toxoplasmic retinochoroiditis of probable congenital origin reported in 2 siblings, clinical aspects

Toxoplasmosis
Struczynska-Sikorska, M.; and Sikorski, R., 1979, Ginekol. Polska, v. 50 (12), 993-1002
toxoplasmosis, prophylactically treated-pregnant women, pre- and post-treatment evaluation by complement fixation, determination of pregnancy complications, premature, and stillborn infants: Poland

Toxoplasmosis
toxoplasmosis, human, evaluation of indirect immunofluorescence test, diagnostic purposes, Sabin-Feldman dye test used for comparison

Toxoplasmosis
Titov, E. E.; and Slutskii, V. I., 1979, Zhurnal Mikrobiol., Epidemiol. i Immunobiol. (3), 112-114
toxoplasmosis, pregnant women, skin test results, seasonal prevalence: Novokuzeietsk

Toxoplasmosis
Tondi, I. V., 1975, Riforma Med., v. 89 (5), 175-183
human toxoplasmosis, historical and clinical review

Toxoplasmosis
Tondi, I. V.; De Luca Andrioli, P.; and Grima, P., 1973, Riforma Med., v. 87 (29), 1143-1147
congenital toxoplasmosis, probable cause of infection in infant with microphthalmia and endocerebral calcifications, original diagnosis had been syndrome of cytomegalic virus infection and toxoplasmosis, case report: Casarano, Italy

Toxoplasmosis
macular ectopia, 11-year-old boy presenting with strabismus, probable toxoplastic origin

Toxoplasmosis
Tribouley, J.; et al., 1978, Ann. Parasitol., v. 53 (1), 21-31
toxoplasmosis, human, seroepidemiologic survey, complement fixation and passive haemagglutination tests, age of host, possible sources of infection: Guadeloupe; Martinique

Toxoplasmosis
Vitse, M.; et al., 1975, Rev. Franc. Gynec. et Obst., v. 70 (5), 335-338
human toxoplasmosis, prevalence survey, emphasis on importance of diagnosis and treatment of pregnant women

Toxoplasmosis
malaria, toxoplasmosis, screening of blood donors including those with possible parasitic infections

Toxoplasmosis
toxoplasmosis, pregnant women, statistics of prevalence survey using the fluorescent antibody technique, incidence of infection in their new-born children: Kinshasa

Trichodina illius
Sphaerospora carassii, carp and grasscarp, incidence, pathology, moderately pathogenic, concurrent infection with Trichodina or other infections may depress host resistance and cause fatalities: pond farms, Hungary
Trichodina sp.  
Armas, G., 1979, J. Fish Dis., v. 2 (6), 543-547
Mugil cephalus (body surface, gills): Rio Mohe coastal lagoon, northern Peru

Trichodina sp.  
Cottus cognatus (gills): Aishihik Lake, Yukon Territory

Trichodina [sp.]
Trichodina [sp.] on exterior of Cyprinus carpio, severe infestation, copper sulphate effective treatment; quick lime, common salt, potassium permanganate, glacial acetic acid, and formalin were not effective: nursery ponds, Patna

Trichodina sp.
parasites of Lepomis gibbosus, prevalence and intensity in relation to host age and sex Lepomis gibbosus (gills, body surface): Ryan Lake, Algonquin Park, Ontario

Trichodina sp.
parasites of Anguilla mossambica, importance of disease control in aquaculture Anguilla mossambica (skin): South Africa

Trichodina sp., illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Urecolariidae of fish, prevalence, intensity; parasite measurements Perca fluviatilis (body surface, nasal cavity): Ural reservoirs

Trichodina spp.
Paperna, I.; and Baudin Laurencin, F., 1979, Aquaculture, v. 16 (2), 173-175
Diconocephalus labrax
Sparas aurata (gills of all): all from marine cultures in France

Trichodina sp., illus.
Shtein, G. A., 1973, Parazitologiia, Leningrad, v. 7 (6), 489-496
Zoarcus viviparus (gills): Barents Sea

Trichodina sp.
Perca fluviatilis (gills): Lake Dargin, Mazurian Lakeland, Poland

Trichodina sp. 1, illus.
Ctenolabrus rupestris (gills): Black Sea
Trichodina sp. 2, illus.
Mullus barbatus ponticus (gills): Black Sea

Trichodina acuta
protozoans of young predatory fish, extent of infection correlated with some environmental factors [Lota lota] [Perca fluviatilis] all from Vrevo Lake, Leningrad district

Trichodina acuta Lom, 1961, illus.
Duncan, B. L., 1977, Tr. Am. Micr. Soc., v. 96 (1), 76-81
redescription Tilapia zillii T. mossambica all from Freshwater Aquaculture Center, Central Luzon State University, Munoz, Nueva Ecija, Philippines

Trichodina ocuta [i. e. ?, acuta]

Trichodina albumi Vojtek, 1957
as syn. of Paratrichodina albumi (Vojtek, 1957) Lom, 1963

Trichodina borealis
Pleuronectes platessa (gills): Scotland

Trichodina bulbosa Davis
Tu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
Parasites of fishes: China

Trichodina cottidarium Dogiel, 1948, illus.
Shtein, G. A., 1973, Parazitologiia, Leningrad, v. 7 (6), 489-496
measurements Myxocoelophalus scorpius Pholis gunnelus (gills of all): all from Barents Sea

Trichodina domerguei
ichthyoparasite fauna, extensity and intensity of invasion, species composition [Pisces] bychok-zelenchak Pleuronectes flesus all from 4 estuaries, Black Sea (northern coastal region)

Trichodina domerguei
Trichodina d. domerguei, T. tenuidens, salinity tolerance, activity of contractile vacuole of T. domerguei suggests mechanism for achieving euryhalinity
Trichodina domerguei (Wallengren)
Dartnell, H. J. G.; and Walkey, M., 1979, J. Fish Biol., v. 14 (5), 471-474
Gasterosteus aculeatus (skin, fins): Airds Bay, Loch Etive, Scotland

Trichodina domerguei (Wallengren)
Lester, R. J. G., 1974, Syesis, v. 7, 195-200
Gasterosteus aculeatus (fins, body surface): near Vancouver, British Columbia

Trichodina domerguei f. indet. 1, illus.
Moria, 13-31
Gobius melanostomus (gills): Black Sea

Trichodina domerguei f. indet. 2
Moria, 13-31
Crenilabrus quinquemaculatus
Symphodus scina
(gills of all): all from Black Sea

Trichodina domerguei f. indet. 3, illus.
Moria, 13-31
Odontogadus merlangus euxinus (gills): Black Sea

Trichodina domerguei f. acuta
Astakhova, T. V.; and Stepanova, G. A., 1972, Parazitologiia, Leningrad, v. 6 (4), 364-368
Ctenopharyngodon idella (skin, gills): pond and spawning-nursery fisheries, Volga delta

Trichodina domerguei f. acuta Lom, 1961, illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Urzelearidae of fish, prevalence, intensity; parasite measurements
Cyprinus carpio (body surface)
[Hypophthalmichthys]
Perca fluviatilis
Acerina cernua
Carassius carassius
all from Ural reservoirs

Trichodina domerguei f. acuta Lom, 1961, illus.
description
Cyprinus carpio
Perca fluviatilis
Lucioperca lucioperca
Leucaspis delineatus
Rhodeus sericeus
Bombina bombina
Bufo bufo
Hyla arborea
Rana esculenta
R. ridibunda
R. temporaria
all from CSSR

Trichodina domerguei domerguei
Infusoria living on Gasterosteus aculeatus and Pungitius pungitius, relationships in this bioocoenosis between true parasites and other forms: Neva Delta

Trichodina domerguei domerguei
Trichodina d. domerguei, T. tenuidens, salinity tolerance, activity of contractile vacuole of T. domerguei suggests mechanism for achieving euryhalinity
Gasterosteus aculeatus (fins): Great Britain

Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Urzelearidae of fish, prevalence, intensity; parasite measurements
Esox lucius
Perca fluviatilis
all from Black Sea

Trichodina domerguei f. gibii Raabe, 1959?, illus.
Moria, 13-31
Gobius melanostomus (gills): Black Sea

Trichodina domerguei f. jadranica Raabe?, illus.
Moria, 13-31
Gobius melanostomus (gills): Black Sea

Trichodina domerguei f. esocis
V.; and Stepanova, G. A., 1972, Fac. Biolog., v. 6 (5), 177-209
Perca fluviatilis
Pholis gunnelus
all from Barents Sea

Trichodina esocis
Leningrad, v. 93, 117-120
protozoans of young predatory fish, extent of infection correlated with some environmental factors
[Perca fluviatilis]
[Esox lucius]
all from Vrevo Lake, Leningrad district

Trichodina fariai da Cunha & Pinto, 1928
trichodinids endoparasitic in fishes, survey of literature records together with some new observations

Trichodina heterodentata n. sp., Population A, illus.
Duncan, B. L., 1977, Tr. Am. Micr. Soc., v. 96 (1), 76-81
Tilapia mossambica (body and fins): Freshwater Aquaculture Center, Central Luzon State University, Muñoz, Nueva Ecija, Philippines

Trichodina heterodentata n. sp., Population B, illus.
Duncan, B. L., 1977, Tr. Am. Micr. Soc., v. 96 (1), 76-81
Tilapia zillii
T. mossambica
all from Freshwater Aquaculture Center, Central Luzon State University, Muñoz, Nueva Ecija, Philippines
Trichodina heterodentata n. sp., Population C, illus.
Duncan, B. L., 1977, Tr. Am. Micr. Soc., v. 96 (1), 76-81
Trichogaster trichopterus (body): Freshwater Aquaculture Center, Central Luzon State University, Munoz, Nueva Ecija, Philippines

Trichodina lini Chen
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China

Trichodina liparisi Zhukov
parasites of fishes: China

Trichodina meridionalis (Dogiel, 1940), illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Uroceraeridae of fish, prevalence, intensity; parasite measurements
Cyprinus carpio
Carassius carassius
[Larissa auratus gibelio] (nasal cavity of all): all from Ural reservoirs

Trichodina mira Kaschkowski, illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Uroceraeridae of fish, prevalence, intensity; parasite measurements
Phoxinus percnurus (gills): Ural reservoirs

Trichodina mutabilis Kaszubski et Migala, 1968, illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Uroceraeridae of fish, prevalence, intensity; parasite measurements
Phoxinus percnurus (gills): Ural reservoirs

Trichodina (Vauchomia) nephritica Lom, 1958
as syn. of Vauchomia nephritica Mueller, 1938

Trichodina nigra Lom, 1960
description
Cyprinus carpio
Scardinius erythrophthalmus
Rutilus rutilus
Abramis brama
Perca fluviatilis
Tinca tinca
Alburnus alburnus
Leuciscus cephalus
Bombina bombina
Bufo bufo
Hyla arborea
Rana escuente
R. ridibunda
R. temporaria
all from CSSR

Trichodina nigra f. gobii Lom, 1960, illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Uroceraeridae of fish, prevalence, intensity; parasite measurements
Gobio gobio (body surface): Ural reservoirs

Trichodina nigra f. kamchatka G. Stein, 1967
Ashurova, M.; and Shtein, G. A., 1972, Parazitologiia, Leningrad, v. 6 (5), 476-480
as syn. of T. strelkoii Chan, 1961

Trichodina nigra kamchatka
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

Trichodina nigra kamchatka
Makhovenko, E. T., 1972, Parazitologiia, 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

Trichodina nigra f. nemachili Lom, 1960, illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Uroceraeridae of fish, prevalence, intensity; parasite measurements
Phoxinus percnurus (gills): Ural reservoirs

Trichodina nobilis Chen, 1963, illus.
Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378
Uroceraeridae of fish, prevalence, intensity; parasite measurements
Ctenopharyngodon idella
Cyprinus carpio
(Coregonus peled)
all from Ural reservoirs

Trichodina nobilis Chen
Wu, P. H.; et al., 1975, Tung Wu Hsueh Pao (Acta Zool. Sinica), v. 21 (2), 190-198
parasites of fishes: China
Trichodina ovicirra Lom, 1960, illus.

Trichodina ovicirra Lom, 1960, illus.

Trichodina polycirra Lom, 1960, illus.

Trichodina polycirra Lom, 1960, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.

Trichodina pediculus Ehrenberg, 1838, illus.
Trichodina schizothoraci Ashurova & Shtein, 1972

Ashurova, M.; and Shtein, G. A., 1972, Parazitologiia, Leningrad, v. 6 (5), 476-480

Trichodina spathulata (Petrov, 1940), illus.

Ashurova, M.; and Shtein, G. A., 1972, Parazitologiia, Leningrad, v. 6 (5), 476-480

Trichodina strelkovi Chan, 1961

Ashurova, M.; and Shtein, G. A., 1972, Parazitologiia, Leningrad, v. 6 (5), 476-480

Syn.: T. nigra f. kamchatkata G. Stein, 1967


[lapsus pp. 476, 480 for T. strelkovi f. badachschanica]

Ashurova, M.; and Shtein, G. A., 1972, Parazitologiia, Leningrad, v. 6 (5), 476-480

Nemachilus stoliczkai (skin, gills): Murgab lake, Central Pamir

Trichodina strelkovi f. badachschanica f. n.

Ashurova, M.; and Shtein, G. A., 1972, Parazitologiia, Leningrad, v. 6 (5), 476-480

[lapsus pp. 476, 480 as T. strelkovi f. badachschanica]

Nemachilus stoliczkai (skin, gills): Murgab and Oksu rivers, Eastern Pamir

Schizopygopsis stoliczkai (gills): Sarez lake, Central Pamir

Trichodina strelkovi f. badachschanica et G. Stein, 1972

Ashurova, M., 1973, Parazitologiia, Leningrad, v. 7 (2), 164-168

Schizopygopsis stoliczkai: Sarez Lake, Central Pamir


Trichodina d. domerguei, T. tenuidens, salinity tolerance, activity of contractile vacuole of T. ductilis suggests mechanism for achieving euryhalinity

Gasterosteus aculeatus (gill chamber): Great Britain


Gasterosteus aculeatus (gills): Airds Bay, Loch Etive, Scotland

Trichodina tenuidens (Faure-Fremiet) Lester, R. J. G., 1974, Syesis, v. 7, 195-200

Gasterosteus aculeatus (gill chamber): near Vancouver, British Columbia


[Lucioperca lucioperca (gills): Kamsk reservoir

Trichodina urinary Dogiel, 1940, illus.

Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378

Urceolariidae of fish, prevalence, intensity; parasite measurements

Perca fluviatilis: Ural reservoirs

Trichodina urinary Dogiel, 1940, illus.


urceoladins endoparasitic in fishes, survey of literature records together with some new observations

Perca flavescens: Lake Opeongo, Canada

Trichodina urinary Dogiel, 1940


Perca fluviatilis (urinary bladder, ureters, kidneys): Lake Dargin, Mazurian Lakeland, Poland

Trichodina urinaria Fulton, 1923

Frandsen, F., 1974, Acta Parasitol. Polon., v. 22 (1-11), 49-66

Triturus cristatus (urinary bladder of all): all from Denmark

Trichodina urinaria Fulton, 1923


Triturus cristatus (urinary bladder of all): all from USSR

Trichodinella carassi (Dogiel, 1940), illus.

Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378

Urceolariidae of fish, prevalence, intensity; parasite measurements

Cyprinus carpio (gills)

Carassius auratus (gibelio)

[Ctenopharyngodon idella]

[Carassius auratus gibelio]

[Tinca tinca]

Phoxinus percnoeurus

Ctenopharyngodon idella

all from Ural reservoirs

Trichodinella carpi, n. sp.

Duncan, B. L., 1977, Tr. Am. Micr. Soc., v. 96 (1), 78-81

Cyprinus carpio (gills): Freshwater Aquaculture Center, Central Luzon State University, Munoz, Nueva Ecija, Philippines


Kashkovskii, V. V., 1974, Parazitologiia, Leningrad, v. 8 (4), 368-378

Urceolariidae of fish, prevalence, intensity; parasite measurements

Esox lucius (gilla)

Acerina cernua

all from Ural reservoirs

PROTOZOA 375
Trichodinella epizootica f. lotae (Chan, 1961)
Kashkovskii, V. V., 1974, Parazitologiya, Leningrad, v. 8 (4), 368-378
Urceolariidae of fish, prevalence, intensity; parasite measurements
Lota lota (gills): Ural reservoirs

Trichodinella epizootica f. percarum
protozoans of young predatory fish, extent of infection correlated with some environmental factors
[Perca fluviatilis]: Vrevo Lake, Leningrad district

Trichodinella percarum (Dogiel, 1940) Kostenco, 1969, illus.
Kashkovskii, V. V., 1974, Parazitologiya, Leningrad, v. 8 (4), 368-378
Urceolariidae of fish, prevalence, intensity; parasite measurements
Perca fluviatilis: Ural reservoirs

Trichodinella tilapiae n. sp., illus.
Duncan, B. L., 1977, Tr. Am. Micr. Soc., v. 96 (1), 76-81
Tilapia zillii (gills): Freshwater Aquaculture Center, Central Luzon State University, Munoz, Nueva Ecija, Philippines

Trichodiniasis
Bachinskii, V. P.; and Suspitsina, K. T., 1979, Veterinariia, Moskva (5), 50
trichodinosis, trout, treatment with sodium chloride in solution

[Trichomonad] trichomonad, illus.
[Boe taurus] (rumen, colon and caecum):
Minsk, Vitebsk, Mogilevsk and Grodno oblasts

Trichomonads, illus.
trichomonal granuloma of pelvic cavity in an apparently normal pregnant Macaca mulatta, infection apparently occurred during laparotomy during an experimental study

Trichomonas
vaginal trichomoniasis, humans, gynben vagi- nal cream, excellent antipruritic effect and good tolerance

Trichomonas
Akashi, E.; et al., 1976, Rinsho Fujinka Sanka (Clin. Gynec. and Obst.), v. 30 (7), 581-587
Trichomonas vaginitis, human, tinidazole, metronidazole, comparison clinical studies

Trichomonas
Bataillard, J., 1976, Rev. Franc. Gynec. et Obst., v. 73 (1), 67-70
human vaginal trichomoniasis, successful therapy with nimorazole except in instances of continued exposure to reinfection

Trichomonas
Crepin, G.; et al., 1976, Rev. Franc. Gyn. et Obst., v. 71 (11), 689-691
human urogenital trichomoniasis, treatment trials with tinidazole, good results

Trichomonas
Dellenbach, P.; and Muller, P., 1974, Rev. Franc. Gynec. et Obst., v. 70 (5), 357-359
human uro-genital trichomoniasis, therapeu- tic trials with fasigyne, recommended regimen includes treating both sexual partners, drug of choice

Trichomonas
Facchini, V., 1974, Riv. Ital. Ginec., v. 55 (6), 485-491
Trichomonas, human vulvovaginitis, canesten vaginal tablets or cream, trials of therapeu- tic efficacy

Trichomonas
Gross, J., 1976, Rev. Med. Suisse Rom., v. 96 (5), 399-404
Trichomonas, human vaginitis with resulting leukorrhea, treatment with tiberal

Trichomonas
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causes of leucorrhoea in adolescent girls, includes Trichomonas vaginitis

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Trichomonas
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parison of 3 therapeutic schemes

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trichomoniiasis, human urogenital infections in sexual partners, simplotan, clinical trials

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Endamoeba histolytica, Balantidium, Tricho-
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Trichomonas foetus, effect of certain B12 antagonists upon growth

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binamide and L-I-methyl-2-aminoethenole
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Trichomonas vaginalis


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Trichomonas vaginalis, human vaginitis, compariosn of diagnostic and therapeutic review of microbical, mycotic, and parasitic infections

Trichomonas vaginalis


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Trichomonas vaginalis


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Trichomonas vaginalis


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Trichomonas vaginalis


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Trichomonas vaginalis


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Trichomonas vaginalis associated with candidiasis, women with vaginal infections, clinical trials with klon-D vaginal preparations: Hungary

Trichomonas vaginalis
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Trichomonas vaginalis and other anaerobes, metronidazole, mechanism of antimicrobial action

Trichomonas vaginalis
metronidazole and misonidazole absorbed and inactivated by bacteria and fungi, mechanism of inactivation and relationship to known mechanism of drug action

Trichomonas vaginalis
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Trichomonas vaginalis, resistance to infection by Mongo virus

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human vaginal trichomoniasis, use of clotrimazole to treat pregnant women, drug efficacy of over 93%

Trichomonas vaginalis
Trichomonas vaginalis in culture medium, trichomonacidal action of extracts from species of various species of the genus Philadelphus, P. coronarius most active as it destroyed all parasites in 3-5 minutes

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protozoa, techniques for microscopic diagnosis

Trichomonas vaginalis
Trichomonas vaginalis, frequency in pregnant women: State Maternity Home, Manaus-Amazonas

Trichomonas vaginalis
Trichomonas vaginalis, relationship between rate of parasite development in culture and content of DNA and RNA in parasite cells

Trichomonas vaginalis
human vaginitis, diagnosis of Trichomonas vaginalis in women attending a health clinic, differentiation from gonorrhoeal and fungal infections: Kingston, Jamaica

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Trichomonas vaginalis, 35-year-old woman, symptomatic metronidazole-resistant vaginitis for 10 years, some resistance also to tinidazole and ornidazole: Sweden

Trichomonas vaginalis
Trichomonas vaginalis, women, diagnosis, urine vs. vaginal smears: Chile

Trichomonas vaginalis
Trichomonas vaginalis in human cervical and vaginal exudates, fine structure and acid phosphatase activity, relationship with other cellular elements including phagocytosis and digestion of epithelial cells and bacteria and phagocytosis by macrophages

Trichomonas vaginalis
Trichomonas vaginalis, increasing resistance to metronidazole in parasite strains isolated in the Lombardy area of Italy

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Trichomonas vaginalis
vaginal microbial flora, including Trichomonas vaginalis, women attending family planning clinic, prevalence in presence or absence of abnormal discharge: Edinburgh

Trichomonas vaginalis
Trichomonas vaginalis, human, unsuccessful trials using yoghurt to reduce vaginal infestations
Trichomonas vaginalis
cancer of human uterine cervix, etiology and epidemiology, includes information on Trichomonas vaginalis
T[richomonas] vaginalis
T[richomonas] vaginalis, human, metronidazole treatment, absence of lymphocyte chromosomal damage
Trichomonas vaginalis, illus.
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parasitic flagellates, life cycle, infection in man, clinical signs, therapy, brief review
Trichomonas vaginalis
parasitic protozoa, mixture of polyvinyl alcohol and Bouin's solution found to be satisfactory fixative and adhesive for smears, smears may be stored dry prior to staining with little apparent damage to protozoa
Trichomonas vaginalis
genital microbial fauna, female outpatients, includes T. vaginalis: Rosario
Trichomonas vaginalis
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Trichomonas vaginalis
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T[richomonas] vaginalis
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Trichomonas vaginalis
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Trichomonas vaginalis
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Trichomonas vaginalis
Trichomonas vaginalis, women with vaginal infections, controlled trials with ornidazole given orally in various dosages; some side effects
Trichomonas vaginalis
Trichomonas vaginalis, evaluation of the indirect hemagglutination technique, appears potentially useful for diagnosis of infection in men and in sero-epidemiologic studies
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Trichomonas vaginalis
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Trichomonas vaginalis
metronidazole and 11 other nitroimidazoles, antitrichomonad activity against Tritrichomonas foetus and Trichomonas vaginalis, mutagenic action in Salmonella test, reducibility of nitro group by T. foetus homogenates, role of reduction of nitro group in antitrichomonad and mutagenic activity of nitroimidazoles
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cervicitis, women, effect of ornidazole on vaginal bacterial flora and Trichomonas vaginalis

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antibiotic 0-418, promising activity against a variety of protozoa and helminths in vivo and in vitro

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**Trichomonas vaginalis**
Trichomonas vaginalis, Tritrichomonas foetus, effect of oxygen and carbon dioxide on growth

**Trichomonas vaginalis**
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**Trichomonas vaginalis**
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**[Trichomonas] vaginalis**
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Trichomonas vaginalis, survival of gonococci within phagosomes of parasite suggests T. vaginalis as possible reservoir for infections; various therapeutic trials used to treat mixed infections

**Trichomonas vaginalis**
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Trichomonas vaginalis


Trichomonas vaginalis, human vaginal infections, successful clinical trials with metronidazole vaginal suppositories which provided more prompt resolution of infection than did vaginal suppositories

Trichomonas vaginalis


prevalence of micro-organisms in female genital tract, comparison in women from 2 health clinics; Trichomonas vaginalis had epidemiology similar to Chlamydia, Neisseria and Mycoplasma, older women had increased susceptibility to trichomoniasis

Trichomonas vaginalis

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Trichomonas vaginalis, illus.


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Trichomonas vaginalis

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parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trichomonas vaginalis


Trichomonas vaginalis, women, single or mixed Candida infections, canesten

Trichomonas vaginalis


Trichomonas vaginalis, human vaginitis, oral and vaginal therapy with Ro-7-0207

Trichomonas vaginalis


Trichomonas vaginalis, human vaginal and cervical infections, canesten topical therapy with amphotericin B

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trichomoniasis, amoebiasis, lambliasis, extensive in vitro and in vivo trials (humans, domestic animals, laboratory animals) with ornidazole to establish chemotherapeutic properties, efficacy slightly superior to metronidazole in comparative trials

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Trichomonas vaginalis


Trichomonas vaginalis in culture and in washed cell suspension, incorporation of labelled glucose and acetate into major lipid classes

Trichomonas vaginalis


Trichomonas vaginalis, pregnant women with vaginal infections, clinical trials, single dose therapy with benzoylmetronidazole: Durban, South Africa

Trichomonas vaginalis


Trichomonas vaginalis, human vaginal infections, tinidazole, single dose therapy clinical trials

Trichomonas vaginalis


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Trichomonas vaginalis


Trichomonas vaginalis, humans, therapeutic trials comparing action of tiberal with metronidazole, fasigyn and tinidazole

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vaginal infections including Trichomonas vaginalis, pregnant women, sexual transmission, diagnosis and treatment, review
Protozoa

Trichomonas vaginalis
Trichomonas vaginalis, women with vaginal infection and their sexual partners, controlled therapeutic trials, ornidazole vs. tinidazole as single oral dose

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screening for gonorrhoea, trichomoniasis, and candidosis in women presenting for termination of pregnancy: England

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vulvovaginitis in young girls, Trichomonas vaginalis and Enterobius vermicularis discussed as infective agents

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Trichomonas vaginalis, human vaginal infections, therapy with liberal both orally and vaginally, sexual partners also treated

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Trichomonas vaginalis, women with vaginal infections, single dose therapy; in vitro sensitivity studies with parasites cultured from human vaginal infections: Bangkok, Thailand

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Suchy, H.; et al., 1974, Przegl. Lek., v. 31 (6), 646-648
Trichomonas vaginalis, treatment of human vaginal infections with ethanol solutions of propolis with good results and quick healing

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Trichomonas vaginalis, synthesis and activity of 1,8-naphthyridine derivatives

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Trichomonas vaginalis, survival in local thermal waters compared with survival in other media: Sarvar

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Trichomonas vaginalis vaginitis, combined oral and vaginal tinidazole therapy, patients' husband also treated

Trichomonas vaginalis
Trichomonas vaginalis, women, vaginitis, double-blind comparison of single dose and a 5-day course of metronidazole: England

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Trevoux, R.; et al., 1976, Rev. Franc. Gynec. et Obst., v. 71 (1), 27-31
Trichomonas vaginalis, description of a pseudo-cyst or round form of parasite in which there is absence of undulating membranes and of flagella, this form thought to play important part in virulent human infections and in those less responsive to drug therapy

Trichomonas vaginalis
human Trichomonas vaginalis vaginitis, comparative clinical trials using tinidazole and metronidazole; tinidazole recommended as drug of choice: Colombia

Trichomonas vaginalis
trachomoniasis, human, vulvo-vaginitis, clinical trials with tinidazole given as single dose

Trichomonas vaginalis
Trichomonas vaginalis, women, vulvovaginitis, canesten tablets and ointment

Trichomonas vaginalis
trypanoplasm-like flagellates, free-living, possibly mistakenly identified as trypanosomes and Trichomonas, potential cause of confusion in diagnosis of human and animal diseases

Trichomonas vaginalis
trichomoniasis, human, vulvo-vaginitis, clinical trials with tinidazole given as single dose

Trichomonas vaginalis
Trichomonas vaginalis causing enterocolitis in 9-day-old infant, infection thought to have occurred per os during delivery

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Hypotrichomonas acosta, Trichomonas vaginalis, Pentatrichomonas hominis, Tritrichomonas foetus, scanning electron microscopy
Trichomonas vaginalis
Trichomonas vaginalis, clinical trials comparing metronidazole and clotrimazole alone or in new combination drug (mecl) as vaginal creams, vaginal suppositories and as oral tablets, pregnant and non-pregnant women and their sexual partners, good clinical results both in prevention and cure of infections

Trichomonas vaginalis
Zigas, V., 1977, Sex. Transmitt. Dis., v. 4 (2), 63-68
Trichomonas vaginalis, comparative evaluation of infection prevalence in Melanesian vs. Caucasian ethnic groups, correlations by age, sex, parity, and place of residence: New Britain Island, Papua New Guinea

Trichomoniasis
Aruta, J.; Galani, M.; and Fertilino, O., 1973, Rev. Chilena Obst. y Ginec., v. 38 (3), 118-120
human vaginal trichomoniasis, comparison therapeutic trials using oral naxogin and vaginal tablets of naxogin combined with nystatin and quemicetina in cases with diagnostic problems after diagnosis confirmed by cytology or colposcopy: Chile

Trichomoniasis
human vaginal trichomoniasis, clinical trials comparing efficacy of tinidazole with metronidazole, concluded that drugs are of equal value in treatment: Venezuela

Trichomoniasis
Zenaida auriculata caucae: Cauca River valley, Colombia

Trichomoniasis
human vaginal trichomoniasis, successful clinical trials testing efficacy of nitrimidazine, few side effects: Venezuela

Trichomoniasis
fetal risk in maternal infections, includes information on toxoplasmosis, trichomoniasis, malaria

Trichomoniasis
human vaginal trichomoniasis, statistics of epidemiologic survey of women with abnormal cervical cytologic findings

Trichomoniasis
human vaginal trichomoniasis, clinical trials comparing efficacy of tinidazole with that of metronidazole: Venezuela

Trichomoniasis
trichomonal vaginitis, treatment of patient and consort, metronidazole, single dose at various dosage levels, some side effects

Trichomoniasis
trichomonal vaginitis, single dose treatment with metronidazole

Trichomoniasis
Garcia Quintero, D., 1972, Rev. Obst. y Ginec. Venez., v. 32 (3), 439-441
human vulvovaginitis resulting from trichomonal infections or mixed infections with candidiasis, clinical trials with nifuratel, drug well tolerated without severe side-effects: Venezuela

Trichomoniasis
Vaginal trichomoniasis, patients, metronidazole, no chromosome-breaking activity was found, safe drug for short-term treatment

Trichomoniasis
Hauser, K. M., 1977, Prakt. Tierarzt., v. 58, special no., 56
trichomoniasis, parrots, diagnosis, treatment with ronidazole and sparftrix, review

Trichomoniasis
Iatsukha, M. V.; et al., 1978, Vestnik Dermat. i Venerol. (9), 12-14
trichomoniasis, women and their sexual partners, culture diagnosis superior to staining methods

Trichomoniasis
Kechker, V. I.; and Elizarov, V. V., 1978, Vestnik Dermat. i Venerol. (10), 81-82
recurrent gonorrhea in men complicated by concurrent infections including trichomoniasis

Trichomoniasis
Khaki, J. V.; et al., 1976, Rinsho Fujinka Sanka (Clin. Gynec. and Obst.), v. 30 (6), 515-518
human vaginal trichomoniasis, single dose therapy with tinidazole, clinical studies

Trichomoniasis
Kholodovskaia, I. V.; Minasova, G. S.; and Khokhlov, A. P., 1979, Vestnik Dermat. i Venerol. (4), 58-60
trichomoniasis, human vaginal infections, clinical trials with tinidazole

Trichomoniasis
human vaginal trichomoniasis, single dose therapy with tinidazole, clinical studies

Trichomoniasis
human genital trichomoniasis, clinical trials testing efficacy of tinidazole, considered to be drug of choice for urogenital infections: Venezuela

Trichomoniasis
human genital trichomoniasis, clinical trials with miconazole, good results obtained: Venezuela
Trichomoniasis
Mettler, L., 1978, Therapiewoche, v. 28 (34), 6095-6098
trichomoniasis, women with vaginitis and their sexual partners, single dose therapy with ornidazole, cure rates, side effects

Trichomoniasis
Moore, J. R., 1979, J. Am. Coll. Health Ass., v. 28 (3), 128
trichomoniasis, women, vaginitis, metronidazole given as 1 gram, single dose: Columbia University, New York

Trichomoniasis
Ovchinnikov, N. M.; and Skuratovich, A. A., 1979, Vestnik Dermat. i Venerol. (5), 26-28
trichomoniasis, human urogenital, diagnosis, immunofluorescence using capillary blood

Trichomoniasis
trichomoniasis, human urogenital, diagnosis, immunofluorescence using capillary blood

Trichomoniasis
parasite fauna of various groups of young Oncorhynchus nerka, comparative analysis reveals 3 ecological groups: Lake Azabache, Kamchatka river basin

Trichomoniasis
urogenital trichomoniasis, women, statistics of case histories, clinical aspects, diagnosis, value of metronidazole therapy: Venezuela

Trichomoniasis
Zanella, D.; et al., 1976, Therapiewoche, v. 26 (44), 7244-7250
trichomoniasis, human vaginal, single or mixed candidiasis infections, methylpartricin therapy compared with metronidazole

Trichomoniasis
Trichomoniasis, fine structure in relation to fish host, feeding, attachment, ultrastructural evidence is in favour of ectocommensal nature of this protozoon

Tripartiella bulbosa
Asthakhova, T. V.; and Stepanova, G. A., 1972, Parazitologija, Leningrad, v. 6 (4), 364-368
Ctenopharyngodon idella (gills): pond and spawning-nursery fisheries, Volga delta

Tripartiella incisa Lom
[Rutilus rutilus]: Upper Kama

Tripartiella copiosa Lom
[Rutilus rutilus]: Upper Kama

Tripartiella copiosa Lom
Kashkovskii, V. V., 1974, Parazitologija, Leningrad, v. 8 (4), 368-378
Urocleariidae of fish, prevalence, intensity; parasite measurements Ctenopharyngodon idella [Hypophthalmichthys] (gills of all): all from Ural reservoirs
**Tritrichomonas, illus.**
De Carli, G. A.; et al., 1977, Rev. Microbiol., Sao Paulo, v. 8 (2), 53-54
Tritrichomonas, fixation and staining, technique modification

**Tritrichomonas angusta Alexeieff, 1911, illus.**
description
Bufo bufo
B. viridis
B. calamita
Rana esculenta
R. ridibunda
R. dalmatina
R. temporaria
Lacerta agilis
L. vivipara
(strovo of all): all from CSSR

**Tritrichomonas batrachorum Perty (1852), illus.**
description
Bombina bombina
B. variegata
Bufo bufo
B. viridis
B. calamita
Pelobates fuscus
Hyla arborea
Rana esculenta
R. ridibunda
R. temporaria
R. arvalis
all from CSSR

**Tritrichomonas fecalis**
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

**Tritrichomonas foetus**
Brotherton, J., 1978, Arzneimittel-Forsch., v. 28 (10), 1665-1672
trichomonads, in vitro testing of potential trichomonacides using Coulter Counter

**Tritrichomonas foetus**
Cerkasov, J.; et al., 1978, J. Biol. Chem., v. 253 (4), 1207-1214
Tritrichomonas foetus, respiration of hydrogenosomes, ADP-dependent oxidation of malate and pyruvate

**Tritrichomonas foetus**
Tritrichomonas foetus, prevalence in replacement bulls 4 years after introduction to infected herd, observations suggest routine culling of bulls at 4 years of age to minimize transmission: northwestern Queensland

**Tritrichomonas foetus**
De Carli, G. A.; and Guerrero, J., 1975, Rev. Microbiol., v. 6 (3), 55-58
Tritrichomonas suis, T. foetus, study of antigenic relationships using indirect immunofluorescence, results suggested presence of antigens that were common to both species

**Tritrichomonas foetus**
Tritrichomonas suis, T. foetus, antigenic comparison by immunoelectrophoresis

**Tritrichomonas foetus**
Tritrichomonas foetus, in vitro inhibition by vermiculine, mode of action

**Tritrichomonas foetus**
Tritrichomonas foetus, dairy bulls, prevalence, diagnosis by preputial washings: Catamarca, Noroeste Argentino

**Tritrichomonas foetus**
Protozoa as cause of abortions in cows: district of Rousse

**Tritrichomonas foetus**
LaRusso, N. F.; Lindmark, D. G.; and Mueller, M., 1978, Biochem. Pharmacol., v. 27 (18), 2247-2254
metronidazole, biliary and renal excretion, hepatic metabolism, and hepatic subcellular distribution in bile fistula rats, glucuronide conjugate of metronidazole was devoid of activity against Tritrichomonas foetus

**Tritrichomonas foetus**
metronidazole and 11 other nitroimidazoles, antitrichomonad activity against Tritrichomonas foetus and Trichomonas vaginalis, mutagenic action in Salmonella test, reducibility of nitro group by T. foetus homogenates, results underscore role of reduction of nitro group in antitrichomonad and mutagenic activity of nitroimidazoles

**Tritrichomonas foetus**
Tritrichomonas foetus, adenosine triphosphatase activity

**Tritrichomonas foetus**
Tritrichomonas foetus, adenosine triphosphatase activity

**Tritrichomonas foetus**
Tritrichomonas foetus, adenosine triphosphatase activity

**Tritrichomonas foetus**
Trichomonas vaginalis, Tritrichomonas foetus, effect of oxygen and carbon dioxide on growth

**Tritrichomonas foetus**
McLaughlin, J.; and Mueller, M., 1979, J. Biol. Chem., v. 254 (5), 1526-1533
Tritrichomonas foetus, low molecular weight thiol proteinase, purification and characterization
Tritrichomonas foetus
Tritrichomonas foetus, metronidazole-resistant and susceptible strains, in vitro susceptibility testing, results suggest that the two strains differ in regulation of internal redox systems and underscore the role that testing methods may play in the in vitro detection of nitroimidazole-resistant protozoan parasites

Tritrichomonas foetus
Mueller, W.; et al., 1979, Comp. Biochem. and Physiol., v. 64B (1), 97-100
Tritrichomonas foetus, Trichomonas vaginalis, Entamoeba invadens, effects of 2,4-dinitrophenol (including effect on accumulation of metronidazole)

Tritrichomonas foetus
Tritrichomonas foetus, Entamoeba invadens, effect of glycylglycin inhibitors on uptake of metronidazole

Tritrichomonas foetus
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 1215-1218
Tritrichomonas foetus, respiration of hydrogenosomes, effect of CoA on pyruvate oxidation

Tritrichomonas foetus
Tritrichomonas foetus, costae, procedure for purification, chemical composition (95% carbohydrate, 5% protein), evidence of structural association among costae, kinetosomes, and flagella

Tritrichomonas foetus
Tritrichomonas foetus, bulls, diagnosis by direct microscopic examination and by cultural recovery, comparison of 2 methods for collection of preputial secretions, suitability of transport medium

Tritrichomonas foetus
Tompel, Kh. Ia.; and Teras, Iu. Kh., 1978, Veterinariia, Moskva (9), 96-98
Tritrichomonas foetus, strain differences in antigenic properties tested in rabbits

Tritrichomonas foetus (Riedmueller), illus.
Warton, A.; and Honigberg, B. M., 1979, J. Protozool., v. 26 (1), 56-62
Hypotrichomonas acosta, Trichomonas vaginalis, Pentatrichomonas hominis, Tritrichomonas foetus, scanning electron microscopy

Tritrichomonas suis
De Carli, G. A.; and Guerrero, J., 1975, Rev. Microbiol., S. Paulo, v. 6 (3), 55-58
Tritrichomonas suis, T. foetus, study of antigenic relationships using indirect immunofluorescence, results suggested presence of antigens that were common to both species

Tritrichomonas suis, illus.
Tritrichomonas suis (Sus scrofa (nasal cavity), incidence, morphology: Rio Grande do Sul

Tritrichomonas suis
Tritrichomonas suis, T. foetus, antigenic comparison by immunoelectrophoresis

Trypanoplasma beccheri sp. n., illus.
Burreson, E. M., 1979, J. Protozool., v. 26 (3), 343-347
Trypanoplasma beccheri sp. n., structure, life cycle, leech vector

Trypanoplasma beccheri sp. n., illus.
Dykova, I.; and Lom, J., 1979, J. Fish Biol., v. 2 (6), 469-479
Trypanoplasma beccheri sp. n., Trichomonas vaginalis, Trichomonas foetus, Trichomonas suis, Trypanoplasma beccheri sp. n., immuneelectrophoresis

Trypanoplasma bullocki (Strout, 1965), illus.
Becker, C. D.; and Overstreet, R. M., 1979, J. Fish Dis., v. 2 (6), 469-479
Trypanoplasma bullocki (Strout, 1965), Parabacteroides lehostigma (plasma)

Trypanoplasma salmoniticus, illus.
Woo, P. T. K., 1979, Exper. Parasitol., v. 47 (1), 36-48
Trypanoplasma salmoniticus, successful in vitro culture and subpassage, course of infection in Salmo gairdneri (exper.), clinical signs (anemia, exophthalmia, abdominal distension with ascites, splenomegaly), diagnosis by wet mount examination more sensitive than hemato- crit centrifuge technique, evidence of possible antigenic variation

Trypanosoma
Baker, J. R.; et al., 1978, Bull. World Health Organ., v. 56 (3), 467-480
salivarian trypanosomes, definitions and nomenclature, relationship of characterized populations to Linnaean taxa, maintenance of reference collections, documentation of reference collections, proposals
Trypanosoma
Trypanosome material, confusion in publishing pedigrees, need for standard system of nomenclature and recording of pedigrees

Trypanosoma
Trypanosoma, Plasmodium, Babesia, antigenic variation (nature, consequences for protective immunity, possible implications for other protozoan infections), colloquium presentation

Trypanosoma
Trypanosoma, molecular basis of antigenic variation, brief review

Trypanosoma
Cross, G. A. M., 1979, J. Gen. Microbiol., v. 113 (1), 1-11
Trypanosomes, immunochemical aspects of antigenic variation, 3rd Fleming Lecture

Trypanosoma
Kinetoplastida, cultivation, review

Trypanosoma
Biochemistry of parasitic protozoa, textbook: methodology; catabolism and generation of energy; nucleic acid metabolism; protein metabolism; lipid metabolism; biochemical mechanism of drug action; isolation of parasitic protozoa from infected animals; culture of parasitic protozoa

Trypanosoma
Glossina palpalis, virus-like rods associated with salivary gland hyperplasia, exceedingly heavy trypanosome infections found in some hyperplastic glands, unlikely that virus-like particles can be used as biological control agents if they are favoring development of trypanosomes

Trypanosoma
Immune response to trypanosomes, review

Trypanosoma
Lumsden, W. H. R., 1974, Ciba Found. Symp., n.s. (20), 3-27
Leishmaniasis and trypanosomiasis, causative organisms compared and contrasted, review

Trypanosoma
Trypanosome populations, problems in characterization and nomenclature, review

Trypanosoma
Demonstration of antibodies to Protozoa, extensive review

Trypanosoma
African trypanosomiasis, lymphocyte dysfunction and immunosuppression (histopathological considerations; B cell function; T cell function; macrophage function), cellular bases of immunosuppression, review

Trypanosoma
Trypanosoma (Herpetosoma) spp., reproduction in vertebrate host, course of infection, transmission and development in fleas, review

Trypanosoma
Bovine African trypanosomiasis, usefulness of diagnosis by blood buffy coat examination by darkground microscopy, suggestions for planning of epidemiologic studies

Trypanosoma
Trypanosomiasis, leishmaniasis, chemotherapy, review

Trypanosoma
Peters, W., 1974, Ciba Found. Symp., n.s. (20), 309-330
Trypanosomiasis, leishmaniasis, drug resistance, review

Trypanosoma
Snow, W. F.; and Boreham, P. F. L., 1979, Acta Trop., v. 36 (1), 47-51
Phacochroerus aethiopicus appears to be major maintenance host for Glossina morsitans submorsitans as well as potential reservoir of trypanosomiasis: The Gambia

Trypanosoma
African trypanosomiasis, immunity, review
Trypanosoma
Williams, P.; and Coelho, M. de V., 1978, Advances Parasitol., v. 16, 1-42
Leishmanina, taxonomy and nomenclature, Phlebotominae as hosts for Trypanosomatidae, review

Trypanosoma
Wilson, R. J. M., 1974, Ciba Found. Symp., n.s. (25), 185-203
soluble parasite antigens, possible modes of interference with immune response, review

Trypanosoma
Wright, I. G., 1979, Gen. Pharmacol., v. 10 (4), 319-325
soluable parasite antigens, possible modes of interference with immune response, review

Trypanosoma
Leishmania, taxonomy and nomenclature, Phlebotominae as hosts for Trypanosomatidae, review

Trypanosoma
Wilson, R. J. M., 1974, Ciba Found. Symp., n.s. (25), 185-203
soluble parasite antigens, possible modes of interference with immune response, review

Trypanosoma
Leishmania, taxonomy and nomenclature, Phlebotominae as hosts for Trypanosomatidae, review

Trypanosoma
Corvus frugilegus
C. monedula
Delichon urbica
Emberiza citrinella
Fringilla coelebs
Garrulus glandarius
Linota rufescens
Muscieca striata
Turdus ericetorum
T. merula
Athene noctua
Columba palumbus
Neomys fodiens
Tarpa europaea
Nyctalus noctula
Pipistrellus pipistrellus
Oryctolagus cuniculus
Pygargus angustidens
Microtus agrestis
Rattus norvegicus
R. rattus
all from Britain

Trypanosoma sp., illus.
Bufo regularis: Kinshasa, Zaire

Trypanosoma sp.
protozoans, icteric cattle carcases, routine examination of blood and spleen smears:
Sinoia abattoir, Rhodesia

Trypanosoma (Herpetosoma) sp.
Meriones persicus: Iran

Trypanosoma (Megatrypanum) sp.
Minopterus schreibersi: Iran

Trypanosoma sp.
Fish, W. R.; Holz, G. G., jr.; and Beach, D. H., 1974, J. Parasitol., v. 60 (3), 546-547
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Trypanosoma (Megaltrypanum) sp., illus.
Garnham, P. C. C., 1977, Protozoology, v. 3, 135-142
Mipotithcus talapoin (blood): Rio Munu, West Africa, imported to United States of America

Trypanosoma sp.
Dendrobates trivittatus (sangre): selva amazonica, Huanuco, Peru

Trypanosoma sp.
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Trypanosoma spp.
Trypanosoma spp., techniques, characterization, taxonomy, epidemiology, and pathogenesis, review of last 20 years

Trypanosoma (Trypanozoon) sp.
Wehlitz, D., 1979, Tropenmed. u. Parasitol., v. 30 (2), 212-219
Trypanosoma spp., infection rates in domestic animals; screening of dogs and pigs to indicate potential reservoirs of T. (Trypanozoon) brucei gambiense; comparison of sensitivity of 3 diagnostic techniques; comparison of number of primary isolations and derived stabilitated Trypanosoma stocks

dogs: rain forest areas, Liberia

Trypanosoma, possibly T. vivax, illus.
Trypanosoma, possibly T. vivax, cattle and sheep, symptoms, laboratory tests, treatment: State of Para and Amapa Federal Territory, Brazil

Trypanosoma spp.
da Rocha e Silva, E. O.; et al., 1977, Rev. Saude Pub., S. Paulo, v. 11 (1), 87-96
Triatoma sordida: Estado de Sao Paulo, Brazil

Trypanosoma (Megatrypanum) sp., "designated tentatively as Trypanosoma magnusi" [? n. sp.], illus.
Taphozous nudiventris magnus (blood): Al-Khasa cave and Al-Kifal, Iraq
Pipistrellus kuhli (blood): Al-Akhdair, Iraq

Trypanosoma (Herpetosoma) sp., illus.
Felis pardalis: Itajuba-Jacareacanga sector of Transamazon Highway, Para, Brazil
Trypanosoma sp. Indonesia 56
Macaca nemestrina: Indonesia
Rhodnius prolinoxus (gut) (exper.)
Triatoma rubrofasciata (gut) (exper.)
mice (exper.)

Trypanosoma sp. Indonesia 71
Macaca ira: Indonesia
Rhodnius prolinoxus (gut) (exper.)
Triatoma rubrofasciata (gut) (exper.)
mice (exper.)

Trypanosoma sp. Kashmir
Experimental infection in Rhodnius prolinoxus "suggested survival and not multiplication"
Macaca mulatta: shipped from Kashmir-Jammu and bled in New Delhi, India

Trypanosoma [spp.]
Williams, N. A.; and Bennett, G. F., 1978,
Canad. J. Zool., v. 56 (4, pt. 1), 596-607
Cyanocitta cristata: Maryland or New Jersey
Coccozys erythrophthalmus: Maryland or New Jersey
Junco hyemalis: Maryland or New Jersey
Melospiza melodia:
"""
Zonotrichia albicoloris: Maryland, and/or New Jersey
Agelaius phoeniceus: Maryland, and/or New Jersey
Molothrus ater: Maryland, and/or New Jersey
Quiscalus quiscula: Maryland, and/or New Jersey
Geothlypis formosa: """
Seiurus aurocapillus: """
Calidris pusilla: Maryland
Sialia sialis: Maryland, and/or New Jersey
Turdus migratorius: Maryland or New Jersey

Trypanosoma sp., T. lewisi-like
Rattus tiomanicus: Jenderak Utara, Malaysia

Trypanosoma (Trypanozoon) [spp.]
Zillmann, U.; and Mehltz, D., 1979, Tropenmed. U. Parasitol., v. 30 (2), 244-248
Trypanosoma (Trypanozoon) [spp.] in Gallus gallus var. domesticus (nat. and exper.),
diagnosed from morphology and infectivity in Mastomys natalensis (exper.),
significance for epizootiology and epidemiology of trypanosomiasis: Ivory Coast

Trypanosoma akondoni Carini and Maciel, 1915
as syn. of Trypanosoma (Schizotrypanum) cruzi
Chagas, 1909

Trypanosoma akondoni Carini & Maciel, 1915
Ribeiro, R. D.; and Barretto, M. P., 1972,
as syn. of T. cruzi

Trypanosoma (Mega)trypanum amilcari n. sp., illus.
Mello, D. A., 1979, Ann. Parasitol., v. 54 (3), 489-494
[lapsus p. 489 as T. amileari] Oryzomys eliurus (blood): northern part of Formosa county, Goias State, Brazil (BR-020 road northeast direction, 156 km from Brasilia city)

Trypanosoma (Mega)trypanum amilcari [lapsus p. 489 for T. amilcari n. sp.]
Mello, D. A., 1979, Ann. Parasitol., v. 54 (5), 489-494

Trypanosoma anabasi sp. nov., illus.
Anabas testudineus (blood): Canning, India

Trypanosoma armeti n. sp., illus.
Mandal, A. K., 1975, Ang. Parasitol., v. 16 (2), 87-95
Mastacembelus armatus (blood): India (Champsahati; Parganas; West Bengal)

Trypanosoma (Schizotrypanum) assiutis sp. nov., illus.
Fahmy, M. A. M.; Abedl-Rahman, A. M.; and Khalifa, R., 1978, Parasitology, v. 77 (5), 489-494
Mus musculus (peripheral blood): Rifa village, Assiut, Upper Egypt

Trypanosoma ataevi sp. n., illus.
Khai区别, K. Kh., 1971, Parazitologiia, Leningrad, v. 5 (6), 551-555
Gobius ratan goebeli (blood): Bekdash, Caspian Sea
G. kessleri gorlap (blood): Bekdash, Caspian Sea
G. fluviatilis pallasi (blood): Tyleni Island, Caspian Sea
Benthophilus macrocephalus (blood): Tyleni Island, Caspian Sea

Trypanosoma avium
Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442
hematolo of passeriforms, prevalence, effect of climate, application of insecticide, and large-scale environmental alteration: New Brunswick
Bombycilla cedrorum
Cyanocitta cristata
Coccozys erythrophthalmus
Carpodacus purpureus
Melospiza georgiana
M. melodia
Spizella passerina
Zonotrichia albicoloris
Hirundo rustica
Agelaius phoeniceus
Dolichonyx oryzivoros
Dumetella carolinensis
Parus hudsonicua
Dendroica coronata
D. magnolia
D. pensylvanica
D. petechia
D. tigrina
Geothlypis trichas
Mniotilta varia
Protozoa

Trypanosoma avium.-- Continued.

Bennett, G. F.; Cameron, M.; and White, E., 1975, Canad. J. Zool., v. 53 (10), 1432-1442

Setophaga ruticilla

Vermivora peregrina

Wilsonia canadensis

W. pusilla

Dendrocopos pubescens

Catharus guttatus

C. ustulatus

Turdus migratorius

Empidonax trailii

E. sp.

Nuttallornis borealis

Vireo olivaceous

Pheucticus ludovicianus

Colaptes auratus

Catharus fuscescens

all from New Brunswick

Trypanosoma avium


Ispidina picta

Ploceus nigerrimus

Chlorocichla flaviventris

Pycnonotus virens

Camaroptera brevicaudata

(blood of all): all from Uganda

Trypanosoma avium, illus.


Trypanosoma avium in Simulium rugglesi (hindgut, rectum), ultrastructure of epimastigote stages

Trypanosoma avium Danilewsky 1885

Williams, N. A., 1978, J. Parasitol., v. 64 (3), 556-558

Anas platyrhynchos

Anas acuta

(blood of all): all from Mackenzie Delta, Northwest Territories

Trypanosoma avium complex

Wink, M.; and Bennett, G. F., 1976, J. Wildlife Dis., v. 12 (4), 587-590

Cyanomitra olivacea

Nectarinia semimund

Francolinus ahantensis

Passer griseus

Ploceus cucullatus

Pycnonotus barbatulae

all from Ghana

Trypanosoma (Herpetosoma) bandicotti


Nesokia indica: Iran

Trypanosoma barbatulae Leger (1904)

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, iso-enzyme patterns, and cross-transmission (by syringe passage of culture forms and by leech vector Hemiclipsis marginata), specific names T. phoxini, T. elegans, T. barbatulae, T. occidentalis, and T. langeroni "should be disregarded"

Trypanosoma batai sp. nov., illus.

Joshi, B. D., [1979], J. Animal Morph, and Physiol., v. 25 (1-2), 1978, 1-7

Labeo Bata: river Gomati [and/or] Chinhat lake of Lucknow district

Trypanosoma (Trypanozoon) brucei


Trypanosoma brucei, antigenic variation, review with recommendations (WHO memorandum)

Trypanosoma brucei


Trypanosoma gambiense, T. brucei, rats, induction of high level of immunity by administration of Freund's complete adjuvant a week before infection followed by cure with berenil

Trypanosoma brucei

Bacchi, C. J.; et al., 1979, J. Protozool., v. 26 (3), 484-488

Trypanosoma brucei, bloodstream trypomastigotes, synthesis and content of polyamines

Trypanosoma brucei subspp.


Trypanosoma brucei subspp., primary-isolate coding of stocks from Tanzania and Ethiopia, original and new designations given
Trypanosoma brucei
Trypanosoma brucei, T. congoense, crossreacting determinants in variant-specific surface antigens

Trypanosoma brucei
Barry, J. D., 1979, J. Cell Sc., v. 37, 287-302
Trypanosoma brucei, capping of variable antigen, immunological and biological significance

Trypanosoma brucei, illus.
Trypanosoma brucei, detection of multiple variable antigen types in metacyclic parasite populations, possible use in diagnosis and vaccination

Trypanosoma brucei, illus.
Barry, J. D.; and Vickerman, K., 1979, Exper. Parasitol., v. 48 (2), 313-324
Trypanosoma brucei, loss of variable antigens during transformation from bloodstream to procyclic forms in vitro

Trypanosoma (Trypanozoon) brucei
Boreham, B. L.; and Facer, C. A., 1977, Ztschr. Parasitenk., v. 52 (3), 257-265
Trypanosoma brucei in rabbits, fibrin degradation products in urine, possible mechanisms of renal damage

Trypanosoma brucei
Boreham, B. L.; and Parry, M. G., 1979, Advances Biosciences, v. 17, 85-92
Trypanosoma brucei, rabbits, role of urinary and plasma kallikreins in pathogenesis, immune complexes

Trypanosoma brucei
Trypanosomiasis, successful use of Zebu work oxen in agricultural development of tsetse infested land, environmental conditions, epizootiology of trypanosomiasis in oxen and in Glossina morsitans, strategic drug use (alternation of diminazene aceturate and isometamidium to control trypanosomes; rafonoxide to control helminths): Wollega province, western Ethiopia

Trypanosoma brucei
Bowman, I. B. R., 1974, Ciba Found. Symp., n.s. (20), 255-284
trypanosomes, intermediary metabolism, review

Trypanosoma brucei
immuno-electron microscopic applications of ferritin-tagging, review with brief mention of Plasmodium berghei and Trypanosoma brucei

Trypanosoma brucei, illus.
[Citellus fulvus]: Kashkad'insk oblast

Trypanosoma brucei
Trypanosoma brucei, T. rhodesiense, human, prehistorical and historical background of trypanosomiasis in Africa with special reference to the Luangwa Valley

Trypanosoma brucei
Chang, K. P.; et al., 1978, J. Protozool., v. 25 (1), 145-149
methylglyoxal bis(guanylhydrazone) (MGBG), little in vitro effect on Blastocystis, Crithidia, Leishmania spp. but complete inhibition of growth of Trypanosoma brucei, reduced parasitemia of T. brucei and T. congoense in rats but infections relapsed, tracer studies with T. brucei showed that MGBG interfered with nucleoside incorporation

Trypanosoma brucei
Trypanosoma brucei, different surfaces examined for ability to support phagocytic activity by mouse peritoneal exudate cells, possible significance of phenomenon of surface phagocytosis in disease process

Trypanosoma brucei
Trypanosoma brucei-infected rabbits, quantitation of acute phase serum protein C3-reactive, effect of anti-inflammatory drug treatment

Trypanosoma brucei
Trypanosoma brucei spp., identification, purification, and characterization of class of surface glycoproteins which appear to be primary mediators of antigenic variations

Trypanosoma brucei, illus.
Trypanosoma brucei, antigenic variation, characterization of major cell surface antigens, variations in amino acid sequence

Trypanosoma brucei
Trypanosoma brucei, crossreacting determinants in C-terminal region of variant surface antigens

Trypanosoma brucei
Cunningham, I.; and Taylor, A. M., 1979, J. Protozool., v. 26 (3), 428-432
Trypanosoma brucei, restoration of infectivity of various stocks cultivated at 28 C with tsetse fly salivary glands
Trypanosoma brucei
Dargie, J. B.; et al., 1979, Research Vet. Sc., v. 26 (2), 245-247
Trypanosoma brucei, Ndama and Zebu cattle (exper.), blood volumes and erythrokinetics, susceptibility differences between breeds

Trypanosoma brucei
Donelson, J. E.; Maliwa, P. A. O.; and Williams, R. O., 1979, Plasmod., v. 2 (4), 572-588
Trypanosoma brucei, kinetooplast DNA minicircles share regions of sequence homology

Trypanosoma (Trypanosoma) brucei
Draeger, N.; and Mehlitz, D., 1978, Tropenmed. u. Parasitol., v. 29 (2), 223-233
Trypanosoma spp., wildlife, prevalence determined by parasitological and/or serological techniques, correlations with high and low tsetse fly density areas (for buffalos and lechwe) and with host age (for buffalos)
Syncerus caffer
Kobus leche
all from Northern Botswana

Trypanosoma brucei
Dube, D. K.; et al., 1979, Biochem. and Physiol., v. 61B (1), 33-36
Trypanosoma brucei, trypanosome antibody could partly do so
Trypanosoma brucei, illus.
Trypanosoma brucei-infected rats, host-parasite interaction in metabolism of tyrosine

Trypanosoma brucei
Trypanosoma brucei, experimental transmission by Auchmeromyia larvae feeding on rats

Trypanosoma brucei
Trypanosoma brucei, survival in Blabera fusca, necessity for presence of red blood cells, subsequent infectivity for mice, toxicity of mouse hemoglobin to cockroach, original immunological observations technique for studying trypanosomes in cockroach haemocoel

Trypanosoma brucei
Goodwin, L. G., 1974, Ciba Found. Symp., n.s. (23), 107-124
African trypanosomiasis, mechanisms of pathogenesis, review

Trypanosoma brucei
Trypanosomes, particularly Trypanosoma gambiens, syringe-passaged and cyclically transmitted isolates, antigenic variations

Trypanosoma brucei
Greef, C. A.; Cain, G. D.; and Schottelius, B. A., 1979, J. Parasitol., v. 65 (5), 825-827
Trypanosoma brucei-infected rats, changes in vascular smooth muscle contractility

Trypanosoma brucei
Trypanosoma brucei, interactions of liposomes with plasma membrane, implications for use of liposome-encapsulated drugs in chemotherapy

Trypanosoma brucei
Gruenberg, J.; Sharma, P. R.; and Deshusses, J., 1978, European J. Biochem., v. 89 (2), 461-469
Trypanosoma brucei, D-glucose transport

Trypanosoma brucei
Kinetoplastida spp., Plasmodium spp., conversion of dihydroorotate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Trypanosoma brucei
Hannon, R. H.; and Parr, C. W., 1978, Comp. Biochem. and Physiol., v. 60B (2), 177-181
Trypanosoma brucei, T. vivax, bloodstream forms, phosphoglucone isomerase, partial purification and characterization, comparison of the two species, many similarities in kinetic properties but differences in thermal stability and in isoelectric point
Trypanosoma brucei
Trypanosoma congoense, circadian rhythm in numbers of parasites in blood of laboratory rodents, indisputable rhythms not found in T. vivax, T. brucei, and T. lewisi

Trypanosoma (Trypanozoon) brucei
Trypanosoma (Trypanozoon) brucei, quantitative ultrastructural composition of various forms in mammalian blood and organs of Glossina vectors investigated morphometrically

Trypanosoma brucei, illus.
Trypanosoma brucei, apical part of flagellar pocket, freeze-cleaving and thin-sectioning techniques, possible role of neck region in pinocytosis

Trypanosoma brucei
Holmes, P. H.; et al., 1979, Immunology, v. 36 (3), 413-420
Trypanosoma brucei, method of labelling with [75Se]-methionine, suitability for in vivo studies of immunological clearance, liver found to be principal site of phagocytosis in immune mice; method equally applicable to T. congoense

Trypanosoma brucei
Hudson, K. M.; and Terry, R. J., 1979, Parasite Immunol., v. 1 (4), 317-326
Trypanosoma brucei, chronically infected mice, relationships between course of infection, antigenic variation, and immunodepression of antibody responses to heterologous antigens

Trypanosoma brucei, illus.
Ikede, B. O., 1979, Research Vet. Sc., v. 26 (2), 145-151
Trypanosoma brucei, rams (exper.), genital lesions, histopathology

Trypanosoma brucei
Trypanosoma cruzi intra- and extracellular forms, T. brucei extracellular forms, mice, ethidium bromide vs. ethidium bromide-DNA complexes as therapy

Trypanosoma brucei, illus.
Trypanosoma brucei, electron microscopic study of filipodium-like processes of trypanastigotes in infected mouse blood, thought to be herination of cellular wall

T[rypanosoma] brucei
T[rypanosoma] congoense, T. brucei, rats, mice, prophylactic activity of various trypanocides complexed with dextran, comparison with uncomplexed drugs and with suramin-complexed drugs

Trypanosoma brucei
Trypanosoma brucei, mice, activation of distinct helper and suppressor T cells, significance in relation to pathogenesis of trypanosomiasis

Trypanosoma brucei
Jennings, F. W.; et al., 1978, Research Vet. Sc., v. 25 (3), 339-400
Trypanosoma congoense, T. brucei, survival time of various strains of mice, C57 Bl mouse might provide laboratory model for study of trypanotolerance in cattle

Trypanosoma brucei
Jennings, F. W.; et al., 1979, Internat. J. Parasitol., v. 9 (4), 381-384
Trypanosoma brucei, brain as source of relapsing infection in mice after berenil chemotherapy

Trypanosoma brucei
Trypanosoma brucei, selective cleavage of variant surface glycoproteins

Trypanosoma (Trypanozoon) brucei
Trypanosoma brucei, antigenic structures expressed in course of parasite life cycle, immunoelectrophoretic analysis and comparative study with various taxa within the family and phylum, extensive review

Trypanosoma brucei
Louis, J.; et al., 1978, Pharmacol. Immunoreg., 225-238
Trypanosoma brucei, mice, strong polyclonal B cell activation, appearance of autoantibodies with various specificities

Trypanosoma brucei
Trypanosoma spp., cattle, immunodiagnosis, micromodification of enzyme-linked immunosorbent assay, test did not distinguish between different trypanosoma species but there were no cross-reactions with other protozoal antigens

Trypanosoma brucei
trypanosomiasis, cattle, diagnosis, indirect fluorescent antibody test, enzyme-linked immunosorbent assay, and serum IgM levels compared: Liberia

Trypanosoma brucei
Trypanosoma brucei, man, diagnosis using the miniature anion-exchange/centrifugation method, adaptation for field use: The Gambia

Trypanosoma (Trypanozoon) brucei
Trypanosoma brucei, use of miniature anion-exchange/centrifugation technique to recover trypanosomes from tissue suspensions
Trypanosoma brucei group


Trypanosomias, sheep (nat. and exper.), serum immunoglobulin levels during course of infection

Trypanosoma (Trypanozoon) brucei


Trypanosoma brucei, bloodstream forms, adenylate cyclase, location in plasma membrane, characterization

Trypanosoma brucei


Trypanosoma brucei, mice, extensive proliferation of B, T, and null cells in spleen and bone marrow, still unclear whether there is any primary target cell for immunosuppression

Trypanosoma brucei, illus.


Trypanosoma brucei, T. congolense, heme lysis of bloodstream forms, T. brucei, lytic effect of porphyrimins, in vitro and in vivo (mice) studies, mechanism of action believed to be homolytic cleavage of intracellular H2O2, to form hydroxyl radicals which can react with vital cell components and kill the organism

Trypanosoma brucei


Gambian trypanosomiasis, evidence for existence of animal reservoirs of Trypanosoma brucei gambiense reviewed; use of modified blood incubation infectivity test for diagnosis of T. brucei subsp. suggested; recommendations for long-term study of man and various animal groups as sources of various strains

Trypanosoma brucei


Trypanosoma brucei, changes in allantoic fluid composition during development of chick embryo that influence viability of parasite, increased phosphodiesterases main causal factor for disappearance of trypanosomes during embryonic development

Trypanosoma brucei

Morales, N. M.; and Roberts, J. F., 1978, Comp. Biochem. and Physiol., v. 59B (1), 1-4

Crithidia fasciculata, Leishmania tropica, Trypanosoma brucei, comparison of ribosomal RNAs, possible evolutionary significance

Trypanosoma brucei


Trypanosoma brucei in Peromyscus maniculatus, chronic infection, soluble immunosupressor substance in spleen, in vivo (mice) and in vitro studies

Trypanosoma (Trypanozoon) brucei, illus.

Muehlpfordt, H., 1977, Protozoology, v. 3, 71-77

Trypanosoma spp., cell surface labelling with cationic ferritin

Trypanosoma brucei

Murray, M.; and Morrison, W. I., 1979, Parasitology, v. 79 (3), 349-366

Trypanosoma congolense, Trypanosoma brucei, non-specific induction of increased resistance in mouse by immunostimulants

Trypanosoma brucei

Nantulya, V. M.; et al., 1979, J. Parasitol., v. 65 (5), 673-679

Trypanosoma brucei, bovines, evidence for reappearance of variable antigen types in relapse populations

Trypanosoma brucei, illus.

Nyindo, M.; et al., 1978, J. Parasitol., v. 64 (5), 469-474

Trypanosoma brucei, cultivation in vitro of infective forms derived from midgut of Glossina morsitans, cultures thus established were infective to rats and tsetse flies

Trypanosoma brucei

Nyindo, M.; et al., 1979, J. Parasitol., v. 65 (5), 751-755

Trypanosoma brucei, in vitro propagation of metacyclic forms derived from salivary glands of Glossina morsitans, addition of specific antiserum to cultures caused agglutination of parasites and rendered them noninfective

Trypanosoma brucei, illus.

Nyindo, M.; et al., [1979], J. Parasitol., v. 64 (6), 1978, 1039-1043

Trypanosoma brucei, in vitro cultivation of forms from salivary glands of Glossina morsitans

Trypanosoma brucei

Omole, T. A.; and Onawunmi, O. A., 1979, Ann. Parasitol., v. 54 (5), 495-506

Trypanosoma brucei-infected immunized and non-immunized rabbits maintained on diets with different levels of copper, growth and carcass performance, blood constituents

Trypanosoma (Trypanozoon) brucei


Trypanosoma brucei, presence of non-salivary gland stages in salivary secretions of Glossina morsitans, possible significance in transmission

Trypanosoma brucei

Powell, C. N., 1978, Experientia, v. 34 (11), 1450-1451

Trypanosoma rhodesiense, rats, inoculation with fraction 3, protection against challenge with T. brucei

Trypanosoma brucei

de Raadt, F., 1974, Ciba Found. Symp., n.s. (20), 189-224

African trypanosomiasis, immunity and antigenic variation, clinical observations suggestive of immune phenomena, review
Trypanosoma brucei
Ræther, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoa, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypanosoma brucei
Reid, H. W.; et al., 1979, Infect. and Immum., v. 23 (2), 192-196
Trypanosoma brucei, mice, effect of chronic infection on course of louping-ill virus infection, results indicate that immunosuppressive effect of chronic trypanosomiasis may markedly increase susceptibility to acute virus infection and may alter epidemiology of arthropod-transmitted viruses

Trypanosoma brucei
Reid, H. W.; Holmes, P. H.; and Skinner, H. H., 1979, J. Comp. Path., v. 89 (4), 581-585
Trypansoma brucei-induced immunosuppression, mice, influence on immunization against loping-ill virus and lymphocytic choriomeningitis virus

Trypanosoma brucei
Renwrantz, L.; and Schottelius, J., 1977, Ztschr. Parasitenk., v. 54 (2), 139-147
Trypanosoma brucei EATRO 427, characterization of surface membrane with lectins, protectins, and blood group antigens

Trypanosoma brucei
Trypanosoma brucei, cytotoxic reaction induced by normal human serum, some properties of the trypanocidal factor, complement activation not required

Trypanosoma brucei
Trypanosoma brucei, new radioisotope assay for quantitating cell lysis, used to quantitate trypanocidal activity in normal human serum

Trypanosoma brucei
Trypanocidal factor in normal human serum is associated with high density lipoprotein (HDL), comparison of susceptibility of Trypanosoma brucei and T. rhodesiense to lysis by human serum and human HDL

Trypanosoma brucei
Trypanosoma congolense, isolation and purification: methods for reducing peripheral distribution of trypanosomes, for increasing yield of infected blood from each rat, and for selectively lysing erythrocytes; latter 2 methods are equally applicable to T. brucei

Trypanosoma brucei
Trypanosoma congolense, characterization of surface coat, single specific glycoprotein as surface antigen, overall similarities with surface coat of T. brucei

Trypanosoma brucei
T. brucei, cattle imported to United Arab Republic

Trypanosoma brucei
Simpson, L., 1978, J. Parasitol., v. 64 (2), 360
Trypanosoma brucei, glucose-sensitive culture strain

Trypanosoma brucei
hemiflagellate protozoa, method for isolation of maxicircle component of kinetoplast DNA

Trypanosoma brucei
Staak, G.; and Lohding, A., 1979, Tropenmed. u. Parasitol., v. 30 (1), 13-18
Trypanosoma spp., evaluation of complement fixation antibody in African trypanosomiasis-infected cattle before and after treatment and followed by re-infection and treatment; applications for field studies

Trypanosoma brucei, illus.
Stevens, D. R.; and Moulton, J. E., 1978, Infect. and Immum., v. 19 (5), 972-982
Trypanosoma brucei, phagocytosis by mouse peritoneal macrophages, ultrastructural and immunological aspects, results indicate that both specific antibody and complement contribute to ingestion of trypanosomes by activated macrophages but that parasite antigenic variation effectively abrogates phagocytic defense mechanism

Trypanosoma brucei
Stuart, K., 1979, Plasmid, v. 2 (4), 520-528
Trypanosoma brucei maxicircle DNA in kinetoplast networks, restriction endonuclease cleavage map

Trypanosoma brucei
Trypanosoma brucei, characterization of second class of hemolysins as free fatty acids

Trypanosoma brucei
Trager, W., 1974, Ciba Found. Symp., n.s. (20), 225-254
trypanosomes, leishmanias, nutrition and biosynthetic capabilities, problems of in vitro cultivation and differentiation, review

Trypanosoma (Trypanozoon) brucei
Trypanosoma brucei, comparative study of 2 antigenic-type collections using immunofluorescence and trypanolysis, little or no cross-immunity observed, concluded that these collections are antigenic types of 2 different serotypes

Trypanosoma brucei
Trypanosoma brucei, blood incubation infectivity test, influence of several factors on process of lysis and neutralization of T. brucei in human serum
Protozoa (Trypanozoon) brucei, illus.
Trypanosoma brucei, syringe passaged clone populations, 13 antigenic variants, characteristics, relationships to one another, clone populations were heterogeneous mixtures of a major and several minor variant types, suggests that antigenic variation is spontaneous random process

Trypanosoma (Trypanozoon) brucei
Trypanosome strains of subgenus Trypanozoon, comparison of variable antigenic types

Trypanosoma brucei, illus.
Vickerman, K., 1974, Ciba Found. Symp., n.s. (20), 171-198
trypanosomatid flagellates, ultrastructure, review with emphasis on changes during life cycles

Trypanosoma brucei, illus.
Vickerman, K., 1974, Ciba Found. Symp., n.s. (25), 53-80
antigenic variation in African trypanosomes, review

Trypanosoma brucei
antigenic variation in trypanosomes, review

Trypanosoma brucei, illus.
Trypanosoma brucei, T. cyclops, application of scanning electron microscopic techniques to study of trypanosome biology

Trypanosoma brucei
Trypanosoma brucei, plasma membrane, isolation and partial characterization

Trypanosoma brucei
Trypanosoma gambiense, human, diagnosis, indirect fluorescent antibody test using T. gambiense, T. brucei, or T. congolense strains as antigen, standardization of easy technique to be used in mass surveys

Trypanosoma brucei
Trypanosoma spp., cattle, mice, suppressed antibody response to louping-ill vaccine, value of diminazene therapy in alleviating this effect

Trypanosoma brucei
Williams, R. O.; et al., 1978, Nucleic Acids Research, v. 5 (9), 3171-3182
Trypanosoma brucei, partial purification and properties of variant specific surface antigen mRNA obtained from a clone, mRNA sequence complexities of antigenically unrelated clones

Trypanosoma brucei
Trypanosoma brucei, genomic rearrangements correlated with antigenic variation

Trypanosoma brucei
trypanocidal activity of antitumor antibiotics and other metabolic inhibitors, microtest for rapid preliminary assay in vitro, parasite motility and infectivity for mice are indexes respectively of respiration and glycolysis and of cell division, implications of results for combination chemotherapy and deposit prophylaxis (with polyanions)

Trypanosoma brucei
Winkelmann, E.; Raether, W.; and Gebert, U., 1978, Arzneimittel-Forsch., v. 28 (10), 1682-1684
activity of 16 novel 5-nitroimidazoles against protozoa in mice and golden hamsters, compared with metronidazole and tinidazole, structure-activity relationships

Trypanosoma brucei
Trypanosoma brucei-infected rabbits, postulation on mechanism of anemia (that red blood cells are coated on surface by trypanosome antigen-antibody complexes and that these cells under certain conditions are lysed by complement or agglutinated and removed by spleen)

Trypanosoma brucei
Babesia, Plasmodium, Trypanosoma, kallikrein-kinin system, mechanisms of activation (parasite enzymes, immune complexes), role in hypotensive shock syndrome of infected animals, review

Trypanosoma brucei
Trypanosoma brucei, syringe passaged clone populations were heterogeneous mixtures of a major and several minor variant types, suggests that antigenic variation is spontaneous random process

Trypanosoma brucei
Afchain, D.; et al., 1979, J. Parasitol., v. 65 (4), 507-514
Trypanosoma cruzi culture forms, antigenic variation, in vitro, comparison with salivarian and some other stercorarian trypanosomes and Leishmania using immunoprecipitation in gels and immunoelectrophoresis, identification of component specific to T. cruzi
Trypanosoma brucei brucei
Askonas, B. A.; et al., 1979, Immunology, v. 36 (2), 315-321
Trypanosoma brucei brucei, mice, functional depletion of T- and B-memory cells and other lymphoid cell populations, serum Ig levels, immunosuppression in T-deprived and CBA/N mice; cells affecting delayed hypersensitivity reactions provide only exception to general decline in immune potential

Trypanosoma (Trypanozoon) brucei brucei
Trypanosoma brucei brucei, white mice, dissociation of virulence and variable antigen type in relation to pleomorphism

Trypanosoma (Trypanozoon) brucei brucei
Trypanosoma brucei brucei, fragment map of maxi-circle component from kinetoplast DNA networks

Trypanosoma brucei brucei
Trypanosoma brucei brucei, effect of glycerol on anaerobic glycolysis in vitro, concomitant administration of salicylhydroxamic acid and glycerol to infected rats results in rapid clearance of parasitemia

Trypanosoma (Trypanozoon) brucei brucei
Trypanosoma brucei brucei, mice, influence of host strain and parasite antigenic type on course of infections

Trypanosoma brucei brucei
Clayton, C. E.; et al., 1979, Parasite Immunol., v. 1 (3), 241-249
Trypanosoma brucei brucei, membrane fractions mimic immunosuppressive and mitogenic effects of living parasites on the host

Trypanosoma brucei brucei
Trypanosoma brucei brucei in nude mice confirms that infection causes both enhanced Ig production and suppression of ability of B cells to respond to mitogen even in absence of T cells

Trypanosoma brucei brucei
Cox, F. E. G., 1977, Protozool., v. 3, 129-134
Trypanosoma musculi, T. b. brucei, Babesia microti, mice, interactions between parasites

Trypanosoma brucei brucei
Trypanosoma brucei subspp., trypanocidal activity of normal human serum: Ca²⁺ is essential cofactor, α2 macroglobulin might function as Ca²⁺ carrier, suppression by D-glucose, D-fructose, and D-mannose, glycerol has opposite effect

Trypanosoma brucei brucei
Trypanosoma brucei brucei-infected rabbits, application of build-up anti-globulin technique for detection of immunoglobulin on surface of red cells

Trypanosoma brucei brucei
Trypanosoma brucei brucei bloodstream form, kinetoplast DNA, isolation and characterization, comparison with T. b. equiperdum, concluded that maxi-circle of trypanosomes is genetic equivalent of mitochondrial DNA of other organisms

Trypanosoma brucei brucei
Trypanosoma brucei brucei subspp., comparative immunological analysis of host plasma proteins bound to bloodstream forms (presence, location, host specificity, identity, and quantity)

Trypanosoma brucei brucei
Trypanosoma brucei brucei in rabbits (exper.), pathomorphological changes, 3 stages distinguished in course of infection

Trypanosoma brucei brucei
Trypanosoma brucei brucei, rabbit, clinicopathological changes, 3 stages distinguished in course of infection

Trypanosoma brucei brucei
Trypanosoma brucei brucei complex, antigenic variants in cyclically transmitted strains

Trypanosoma brucei brucei
Trypanosoma brucei brucei, acquisition of potential infectivity for man (resistance to normal human serum when tested by blood incubation infectivity test) after maintenance in domestic hens, suggests birds as potential reservoirs of trypanosomes of brucei group
Trypanosoma brucei brucei
Kobayakawa, T.; et al., 1979, J. Immunol., v. 122 (1), 296-301
Trypanosoma brucei brucei, mice, polyclonal B cell activation, not dependent on influence of T cells, unlike trypanosomiasis; inhibition of endogenous gram-negative bacteria plays role, autoimmune responses to DNA, red blood cells, and thymocyte antigens were observed in association with polyclonal antibody synthesis

Trypanosoma brucei brucei
Trypanosoma brucei brucei EATRO 1125-derived AnTat serodeme, first patent blood stream population following fly transmission shown to be markedly heterogeneous and composed of 19 distinct variable antigen types, possible importance to epidemiologic investigations and future prospects for vaccinations

Trypanosoma brucei brucei, illus.
Trypanosoma brucei brucei; metacyclic forms are heterogeneous with respect to antigen type which they express, reversion to a basic variable antigen type at metacyclic stage in life cycle is not universal

Trypanosoma brucei brucei
Lheureux, M.; et al., 1979, Nucleic Acids Research, v. 7 (3), 595-609
Trypanosoma brucei brucei, variant-specific surface antigen messenger RNA, immunological purification and partial characterization

Trypanosoma brucei brucei
Trypanosoma spp., cattle, immunodiagnosis, micromodification of enzyme-linked immunosorbent assay, test did not distinguish between different trypanosome species but there were no cross-reactions with other protozoal antigens

Trypanosoma brucei brucei
Mackenzie, A. R.; Sibley, P. R.; and White, B. P., 1979, Parasite Immunol., v. 1 (1), 49-59
Trypanosoma brucei brucei-infected rats, differential suppression of 2 experimental allergic diseases

Trypanosoma (Trypanozoon) brucei brucei
Mehlitz, D., 1979, Tropmed. u. Parasitol., v. 30 (2), 212-219
Trypanosoma spp., infection rates in domestic animals; screening of dogs and pigs to indicate potential reservoirs of T. (Trypano- zoon) brucei gambiensis; comparison of sensitivity of 3 diagnostic techniques; comparison of number of primary isolations and derived stabilized Trypanosoma stocks goats pigs all from rain forest areas, Liberia

Trypanosoma brucei brucei
Trypanosoma brucei brucei, mice, rats, rabbits, evaluation of trypanocidal activity of series of porphyrins and metalloporphyrins, role of zinc in porphyrin-induced lysis

Trypanosoma brucei brucei
Trypanosoma brucei brucei, attempt to develop new trypanocidal drugs based on inability of bloodstream form to decompose hydrogen peroxide, experiments with porphyrins, naphthoquinones, and arsenicals in vitro and in vivo, possible mechanisms of combination of agents

Trypanosoma brucei brucei
Nathan, H. C.; et al., 1979, J. Protozool., v. 26 (4), 657-660
Trypanosoma brucei brucei, mice, effect of amicarbalide, imidocarb, and several other agents

Trypanosoma brucei brucei
Roffi, C.; et al., 1979, Med. Trop., v. 39 (6), 637-641
African trypanosomiasis, immunoenzymatic diagnosis comparing purified exoantigen and 5 crude extracts from strains of Trypanosoma b. brucei and T. b. gambiensis; best sensitivity obtained with virulent strains of human origin

Trypanosoma brucei brucei, illus.
Stanley, H. A.; Honigberg, B. M.; and Cunningham, L., 1979, J. Protozool., v. 26 (2), 245-252
Trypanosoma brucei brucei, bloodstream and culture forms, analysis of antigenic composition by quantitative direct fluorescent antibody methods

Trypanosoma brucei brucei
Trypanosoma brucei brucei, use of lectin affinity chromatography to isolate major surface coat glycoprotein (variant antigen), further purification by DEAE-cellulose chromatography

Trypanosoma brucei brucei
Tizard, I.; et al., 1978, Microbiol. Rev., v. 42 (4), 661-681
African trypanosomes, biologically active products and pathogenesis

Trypanosoma (Trypanozoon) brucei brucei
Van Der Meer, C.; Versluijs-Broers, J. A. M.; and Opperdoes, F. R., 1979, Exper. Parasitol., v. 48 (1), 126-134
Trypanosoma brucei brucei, rats, treatment with salicylhydroxamic acid + glycerol and suramin + glycerol

Trypanosoma brucei equiperdum
Trypanosoma brucei brucei bloodstream form, kinetoplast DNA, isolation and characterization, comparison with T. b. equiperdum, concluded that maxicircle of trypanosomes is genetic equivalent of mitochondrial DNA of other organisms
Trypanosoma brucei gambiense
Baker, J. R., 1974, Ciba Found. Symp., n.s. (20), 29-50
African sleeping sickness, epidemiology, review

Trypanosoma brucei gambiense
[Trypanosoma brucei gambiense], control of Glossina tachinoides by application of insecticides from helicopters, operational aspects and application techniques: Komoe valley, West Africa

Trypanosoma brucei gambiense
Trypanosomiasis, humans, problems in diagnosis and management emphasizing haematological and immunological aspects, clinical course in 5 cases, indications of continuation of immune complex process in spite of therapy that eradicates parasite. Voortrekkerhoogte, Tvl.

Trypanosoma brucei gambiense, illus.
Bogucki, M. S.; and Seed, J. R., 1978, J. Reticulocendothel. Soc., v. 23 (2), 89-101
Trypanosoma brucei gambiense, parasite-bound heterospecific antibody, immunoglobulin class specificity, location and orientation, may be related to successful propagation of trypanosomes in immunocompetent hosts

Trypanosoma brucei gambiense
Trypanosoma brucei subsp., comparative immunological analysis of host plasma proteins bound to bloodstream forms (presence, location, host specificity, identity, and quantity)

Trypanosoma (Trypanozoon) brucei gambiense
African and American trypanosomiasis, serodiagnosis review

Trypanosoma brucei gambiense
Gibson, W.; et al., 1979, Tropenmed. u. Parasitol., v. 29 (3), 335-345
Trypanosoma brucei gambiense, identification in Liberian pigs and dogs by isoenzyme electrophoresis and by resistance to human plasma, peptidase polymorphism demonstrated; stock from 2 pigs resistant to human plasma and contained enzyme marker previously found only in man, evidence that pigs are reservoirs for human infection in West Africa

Trypanosoma brucei gambiense
Trypanosoma brucei gambiense, diagnosis, column chromatography

Trypanosoma brucei gambiense
Lee, C. W.; et al., 1978, PANS, v. 24 (4), 404-422
[Trypanosoma brucei gambiense], control of Glossina tachinoides by application of insecticides from helicopters, calibration of equipment and insecticide dispersal: Upper Volta, West Africa

Trypanosoma (Trypanozoon) brucei gambiense
Trypanosoma brucei gambiense, susceptibility of Mastomys natalensis, suitable experimental host for isolation of strains of subgenus Trypanozoon and for differentiation of these strains in blood incubation infectivity test

Trypanosoma (Trypanozoon) brucei gambiense
Mehlitz, D., 1979, Tropenmed. u. Parasitol., v. 30 (2), 212-219
Trypanosoma spp., infection rates in domestic animals; screening of dogs and pigs to indicate potential reservoirs of T. (Trypanozoon) brucei gambiense; comparison of sensitivity of 3 diagnostic techniques; comparison of number of primary isolations and derived stablilated Trypanosoma stocks: rain forest areas, Liberia

Trypanosoma brucei gambiense
Gambian trypanosomiasis, evidence for existence of animal reservoirs of Trypanosoma brucei gambiense reviewed; use of modified blood incubation infectivity test for diagnosis of T. brucei subsp. suggested; recommendations for long-term study of man and various animal groups as sources of various strains

Trypanosoma brucei gambiensis
Molyneux, D. H.; et al., 1978, PANS, v. 24 (4), 391-403
Trypanosoma brucei gambiensis, control of Glossina tachinoides with insecticides, first of series of papers (objectives, experimental area, and insecticides): River Komoe valley, West Africa

Trypanosoma brucei gambiense
Human West African trypanosomiasis, suggested role of wind-dispersed Glossina in distribution, entomological and epidemiological evidence, implications for control operations, significance of these ideas in relation to origin of Trypanosoma brucei rhodesiense in Ethiopia and of T. evansi outside the tsetse zone

Trypanosoma brucei gambiense
Roffi, C.; et al., 1979, Med. Trop., v. 39 (6), 637-641
African trypanosomiasis, immunoenzymatic diagnosis comparing purified exoantigen and 5 crude extracts from strains of Trypanosoma b. brucei and T. b. gambiense; best sensitivity obtained with virulent strains of human origin
Trypanosoma brucei gambiense

Seed, J. R., 1978, J. Protozool., v. 25 (4), 526-529

Trypanosoma brucei gambiense, different antigenic variants compete with each other in vivo (mice) and one clone replaces another, this is a predictable phenomenon even under conditions analogous to chronic infection

Trypanosoma brucei gambiense

Seed, J. R.; et al., 1978, Am. Midland Nat., v. 100 (1), 126-134

Trypanosoma brucei gambiense-infected wild and laboratory Microtus montanus males, organ weights, parasite stress as cause of enlarged spleens and smaller gonads, splenomegaly can be used as survey marker to determine extent of parasitism in field populations, reduced reproductive potential suggests that parasitism plays role in limiting host population density: Jackson Hole, Wyoming

Trypanosoma brucei gambiense


African trypanosomes, biologically active products and pathogenesis

T[rypanosoma] (Trypanozoon) brucei gambiense


gambian and rhodesian sleeping sickness, humans, serological and parasitological diagnostic methods, review

Trypanosoma brucei gambiense


Trypanosoma brucei gambiense strains from Zaire, comparative infectivity in various laboratory animals

[Trypanosoma brucei gambiense]

van Wettere, P.; et al., 1978, PANS, v. 24 (4), 435-446

[Trypanosoma brucei gambiense], control of Glossina tachinoides, evaluation of insecticides applied as aerosols from helicopters: Komoe valley, Upper Volta, West Africa

Trypanosoma brucei rhodesiense

Baker, J. R., 1974, Ciba Found. Symp., n.s. (20), 20-50

African sleeping sickness, epidemiology, review

Trypanosoma (Trypanozoon) brucei rhodesiense


Trypanosoma brucei, white mice, dissociation of virulence and variable antigen type in relation to pleomorphism

Trypanosoma brucei rhodesiense


trypanosomiasis, humans, problems in diagnosis and management emphasizing haematological and immunological aspects, clinical course in 5 cases, indications of continuation of immune complex process in spite of therapy that eradicates parasite: Voortrekkerhoogte, Tvl.

Trypanosoma brucei rhodesiense, illus.

Campbell, G. H.; et al., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 974-983

Trypanosoma brucei rhodesiense, isolation and characterization of new serodeme, model for further study of immunopathology and antigenic variation in African trypanosomiasis

Trypanosoma brucei rhodesiense


Trypanosoma brucei subspp., trypanocidal activity of normal human serum: Ca\(^{2+}\) is essential cofactor, 52 macroglobulin might function as Ca\(^{2+}\) carrier, suppression by D-glucose, D-fructose, and D-mannose, glycerol has opposite effect

Trypanosoma brucei rhodesiense


Trypanosoma brucei subspp., comparative immunological analysis of host plasma proteins bound to bloodstream forms (presence, location, host specificity, identity, and quantity)

Trypanosoma brucei rhodesiense

Evans, D. A., 1979, J. Protozool., v. 26 (3), 425-427

Trypanosoma brucei rhodesiense, T. congolense, cyclical transmission by Glossina morsitans infected with culture-form procyclic trypanosomes

Trypanosoma brucei rhodesiense, illus.


Trypanosoma brucei rhodesiense, evidence of active penetration and passage of trypanosomes across midgut cells of Glossina morsitans morsitans rather than passive uptake

Trypanosoma (Trypanozoon) brucei rhodesiense


African and American trypanosomiasis, serodiagnosis, review

Trypanosoma brucei rhodesiense, illus.

Fink, E.; and Schmidt, H., 1979, Tropenmed. u. Parasitol., v. 30 (2), 206-211

Trypanosoma brucei rhodesiense, EATRO 1989 strain in white mice induced chronic infection with meningoencephalitis similar to infection in humans, suitable model for studying human infection and screening drug compounds for activity during late stages of infections

Trypanosoma brucei rhodesiense


Trypanosoma spp., cattle, immunodiagnosis, micromodification of enzyme-linked immunosorbent assay, test did not distinguish between different trypanosome species but there were no cross-reactions with other protozoal antigens
Trypanosoma (Trypanozoon) brucei rhodesiense
human West African trypanosomiasis, suggested role of wind-dispersed Glossina in distribution, entomological and epidemiological evidence, implications for control operations, significance of these ideas in relation to origin of Trypanosoma brucei rhodesiense in Ethiopia and of T. evansi outside the tsetse zone

Trypanosoma brucei rhodesiense, illus.
Rickman, W. J.; and Cox, H. W., 1979, J. Parasitol., v. 65 (1), 65-73
Trypanosoma brucei rhodesiense-infected rats, syndrome characterized by anemia, splenomegaly, and glomerulonephritis, accompanied by presence of 3 autoantibodies and by presence of fixed complement and fibrinogen on trypanosomes and erythrocytes

Trypanosoma brucei rhodesiense
Tizard, I.; et al., 1978, Microbiol. Rev., v. 42 (4), 661-681
African trypanosomes, biologically active products and pathogenesis

Trypanosoma brucei rhodesiense
Trypanosoma brucei rhodesiense, human congenital, fatal infection in mother, infant successfully treated with suramin and mel-B, immunoglobulin levels at diagnosis, during treatment, and post-treatment, case reports: Zambia

Trypanosoma brucei rhodesiense
Trypanosoma brucei rhodesiense, serum-incubation-infectivity-tests on clone populations of distinct antigenic types

Trypanosoma cancili sp. nov., illus.
Xenentodon cancila (blood): Raidighi, India

Trypanosoma cecili n. sp., illus.
Lainson, R., 1977, Protozoology, v. 3, 87-93
Caiman crocodilus crocodilus (blood): Barcarena, north Para State, Brazil

Trypanosoma cervi Kingston and Morton, 1975, illus.
Odocoileus virginianus (blood): Georgia; North Carolina; Alabama

Trypanosoma chattoni Mathis and Leger, 1911, illus.
Ptychodras nascareniensis
Phrynobatrachus natalensis all from Ilorubabor Province, Ethiopia

Trypanosoma cobitis (Mitrophanow, 1883)
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. barbatae, T. occidentalis, and T. langeroni "should be disregarded"
Nemacheilus barbatulus
Phoxinus phoxinus
Cottus gobio
Gobio gobio
Gasterosteus aculeatus
Pungitus pungitus (blood of all): all from River Lee at Enfield Lock

Trypanosoma cobitis Mitrophanow, 1883
Letch, C. A.; and Ball, S. J., 1979, Parasitology, v. 79 (1), 119-124
Trypanosoma cobitis, prevalence in fish, seasonal fluctuation, host age
Nemacheilus barbatulus
Gobio gobio
Cottus gobio
Phoxinus phoxinus
Gasterosteus aculeatus
Pungitus pungitus
Carassius carassius (blood of all): all from River Lee at Enfield Lock

Trypanosoma congoense
Trypanosoma congoense, mice, significant depression of humoral immunity, simultaneous increase in background IgM plaque-forming cell levels, mitogenicity of trypanosomederived saturated fatty acids

Trypanosoma congoense
Trypanosoma congoense, autolysates found to be highly mitogenic for spleen cells of normal and nude but not cyclophosphamide-treated mice, possible role of trypanosome-derived mitogen in immunosuppression associated with African trypanosomiasis

Trypanosoma congoense
Balber, A. E.; et al., 1979, Infect. and Immun., v. 24 (3), 617-627
Trypanosoma brucei brucei, T. congoense, inactivation or elimination of potentially trypanolytic complement-activating immune complexes containing antibodies to variant-specific antigens

Trypanosoma congoense
Banks, K. L., 1978, J. Protozool., v. 25 (2), 241-245
Trypanosoma congoense, rats, rabbits, localization of parasite in microvasculature is established by attachment of the organism to the vessel wall
Trypanosoma congolense, illus.
Banks, K. L., 1979, J. Protozool., v. 26 (1), 103-108

Trypanosoma congolense, in vitro binding to erythrocytes: method of studying trypanosome-host cell interaction, erythrocyte and trypanosome surface properties necessary for adhesion

Trypanosoma congolense

Trypanosoma brucei, T. congolense, crossreacting determinants in variant-specific surface antigens

[Trypanosoma] congolense
Bauer, F.; Raether, W.; and Seeger, K., 1978, Cahiers Bleus Vet. (27), 265-271

protozoal disease in exper. hosts, enhanced effect of berenil + reverin vs. berenil alone

[Trypanosoma] congolense

trypanosomiasis, successful use of Zebu work oxen in agricultural development of tsetse infested land, environment conditions, epizootiology of trypanosomiasis in oxen and in Glossina morsitans, strategic drug use (alternation of diminazene aceturate and isometamidium to control trypanosomes; raf-oxanide to control helminths): Wollega province, western Ethiopia

Trypanosoma congolense
Bowman, T. B. R., 1974, Ciba Found. Symp., n.s. (20), 255-284

trypanosomes, intermediary metabolism, review

Trypanosoma congolense
Chang, K. P.; et al., 1978, J. Protozool., v. 25 (1), 145-149

methylglyoxal bis(guanylhydrazone) (MGBG), little in vitro effect on Blastocritidia culicis, Crithidia oncopsis, and Leishmania spp. but complete inhibition of growth of Trypanosoma brucei, reduced parasitemia of T. brucei and T. congolense in rats but infections relapsed, tracer studies with T. brucei showed that MGBG interfered with nucleoside incorporation

Trypanosoma congolense
Dargie, J. D.; et al., 1979, Parasitology, v. 78 (3), 271-286

Trypanosoma congolense-infected Ndama and Zebu cattle, red cell kinetics, concluded that anemia and its underlying processes are broadly in line with number of parasites in blood and that superior resistance of Ndama cattle lies in ability to control parasitemia rather than capacity to mount more efficient erythropoietic response

Trypanosoma congolense
Difffley, P.; and Honigberg, B. M., 1978, J. Parasitol., v. 64 (4), 674-681

Trypanosoma congolense, identification and quantitation of host albumin, nonspecific IgG, and complement (C3) bound to surface of bloodstream forms, possible functions for these surface-bound plasma proteins

Trypanosoma (Nannomonas) congolense

Trypanosoma spp., wildlife, prevalence determined by parasitological and/or serological techniques, correlations with high and low tsetse fly density areas (for bufallo and lechwe) and with host age (for buffalo) Syncreus caffer Kobus leche Redunca arundium all from Northern Botswana

Trypanosoma congolense

trypanosomiasis, N'dama cattle, observations on outbreaks, association with various epizootiological factors: western Nigeria

Trypanosoma congolense
Evans, D. A., 1979, J. Protozool., v. 26 (3), 425-427

Trypanosoma brucei rhodesiense, T. congolense, cyclic transmission by Glossina morsitans morsitans infected with culture-form procyclic trypanosomes

Trypanosoma congolense, illus.
Evans, D. A.; Ellis, D. S.; and Stamford, S., 1979, J. Protozool., v. 26 (4), 557-563

Trypanosoma congolense, development in Glossina morsitans morsitans, ultrastructure

Trypanosoma congolense
Forsberg, C. M.; et al., 1979, Vet. Path., v. 16 (2), 229-242

Trypanosoma congolense, calves, kinetics of blood coagulation

Trypanosoma congolense
Goodwin, L. G., 1974, Ciba Found. Symp., n.s. (20), 107-124

African trypanosomiasis, mechanisms of pathogenesis, review

Trypanosoma congolense

Trypanosoma congolense, maintenance of infectivity in vitro with explants of infected skin incubated at 37°C

Trypanosoma congolense

Trypanosoma congolense, T. vivax, cattle, factors affecting blood sampling for parasitemia and anemia (diurnal variation; ear-vein vs. jugular-vein blood): The Gambia

Trypanosoma congolense
Griffin, L.; and Allonby, E. W., 1979, Vet. Parasitol., v. 5 (2-3), 97-105

Trypanosoma congolense, sheep, goats, susceptibility of various breeds to experimental infection

Trypanosoma (Nannomonas) congolense
Griffin, L.; and Allonby, E. W., 1979, J. Comp. Path., v. 89 (4), 457-464

Trypanosoma congolense, sheep and goats, description of acute, sub-acute, and chronic disease syndromes: Kenya
Trypanosoma congolense


Kinetoplastida spp., Plasmodium spp., conversion of dihydroorotate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Trypanosoma congolense


Trypanosoma evansi, sensitivity to human plasma; T. congolense, T. vivax, resistance to human plasma, suggests that latter 2 species might produce transient infection in man

Trypanosoma congolense


Trypanosoma congolense, circadian rhythm in numbers of parasites in blood of laboratory rodents, indisputable rhythms not found in T. vivax, T. brucei, and T. lewisi

Trypanosoma congolense

Holmes, P. H.; et al., 1979, Immunology, v. 36 (3), 415-420

Trypanosoma brucei, method of labelling with [75Se]-methionine, suitability for in vivo studies of immunological clearance, liver found to be principal site of phagocytosis in immune mice; method equally applicable to T. congolense

Trypanosoma congolense, illus.


Trypanosoma congolense, bloodstream trypomastigotes and culture procyclics, lectin analysis of surface saccharides by agglutination and electron microscopic techniques

Trypanosoma congolense


Trypanosoma congolense, T. brucei, rats, mice, prophylactic activity of various trypanocides complexed with dextran, comparison with uncomplexed drugs and with suramin-complexed drugs

Trypanosoma congolense

Jennings, F. W.; et al., 1978, Research Vet. Sc., v. 25 (3), 399-400

Trypanosoma congolense, T. brucei, survival time of various strains of mice, C57 Bl mouse might provide laboratory model for study of trypanotolerance in cattle

Trypanosoma congolense

Kaaya, G. P.; et al., 1979, Tropenmed. u. Parasitol., v. 30 (2), 230-235

Trypanosoma vivax, T. congolense, serum from infected cattle inhibited bovine granulocyte/macrophage colony formation in methyl cellulose culture, degree of inhibition appeared related to degree of parasitemia; no inhibitors of erythropoiesis were observed

Trypanosoma congolense


Trypanosoma congolense, goats, clinico-pathological aspects with particular reference to pathogenesis of anemia, changes in peripheral blood and in bone marrow described in detail

Trypanosoma congolense


Trachelphus s. scriptus: Sierra Leone

Trypanosoma congolense


Trypanosoma spp., cattle, immunodiagnosis, micromodification of enzyme-linked immunosorbent assay, test did not distinguish between different trypanosome species but there were no cross-reactions with other protozoal antigens

Trypanosoma congolense, illus.


Trypanosoma congolense, development in local skin reactions on rabbits at sites of infection transmitted by Glossina morsitans, evidence from light and electron microscopy that these trypanosomes develop in connective tissue and are not confined to the vascular system, implications

Trypanosoma congolense, illus.

Luckins, A. G.; and Gray, A. R., 1979, Parasitology, v. 79 (3), 337-347

Trypanosoma congolense, stocks from East and West Africa, antigenicity and serological relationships

Trypanosoma congolense, illus.

Lucques, A. G.; and Millet, A. R., 1979, Research Vet. Sc., v. 27 (1), 129-131

Trypanosoma congolense, sheep, Ayrshire calves (both exper.) (lymph nodes of both); should not be regarded as strict plasma parasite

Trypanosoma congolense


Trypanosomiasis, cattle, diagnosis, indirect fluorescent antibody test, enzyme-linked immunosorbent assay, and serum IgM levels compared: Liberia

Trypanosoma congolense (Broden, 1904)

Mackenzie, P. K. I.; et al., 1978, Research Vet. Sc., v. 24 (1), 4-7

Trypanosoma congolense, phagocytosis of erythrocytes and leucocytes in infected sheep is due to coating of blood cells with trypanosomal antigen, phagocytic activity is dependent on parasitemia and is significant in maintaining host anemia

Trypanosoma congolense


Trypanosomiasis, sheep (nat. and exper.), serum immunoglobulin levels during course of infection
Trypanosoma congolense
Maxie, M. G.; Tabel, H.; and Losos, G. J., 1978, Tropenmed. u. Parasitol., v. 29 (2), 234-238
Trypanosoma vivax, T. congolense, determination of volume of parasites separated from cattle blood during first growth phase of infections

Trypanosoma (Nannomonas) congolense
Mehlitz, D., 1979, Tropenmed. u. Parasitol., v. 30 (2), 212-219
Trypanosoma spp., infection rates in domestic animals; screening of dogs and pigs to indicate potential reservoirs of T. (Trypanozoon) brucei gambiense; comparison of sensitivity of 3 diagnostic techniques; comparison of number of primary isolations and derived stabilates of Trypanosoma stocks
cattle
goats
sheep
pigs
dogs
all from rain forest areas, Liberia

Trypanosoma congolense
Trypanosoma brucei, T. congolense, heme lysis of bloodstream forms, T. brucei, lytic effect of porphyrins, in vitro and in vivo (mice) studies, mechanism of action believed to be homolytic cleavage of intracellular H2O2 to form hydroxyl radicals which can react with vital cell components and kill the organism

T[rypanosoma] congolense
Mills, J. N.; and Valli, V. E. O., 1978, Tropenmed. u. Parasitol., v. 29 (1), 95-100
T[rypanosoma] congolense, rapid automated cytofluorometric method of counting trypanosomes

Trypanosoma (Nannomonas) congolense, illus.
Trypanosoma congolense-infected Glossina morsitans, study by stereoscan electron micrographs suggests close association between salivarian trypanosomes and host mechano-receptors, possible higher probing rate in infected flies

Trypanosoma congolense
Trypanosoma congolense, marked differences in susceptibility of inbred strains of mice to infection, correlation with changes in spleen lymphocyte populations

Trypanosoma congolense
Morrison, W. I.; and Murray, M., 1979, Exper. Parasitol., v. 48 (3), 364-374
Trypanosoma congolense, mouse strains, genetic basis of observed differences in susceptibility to infection examined with F1 hybrids and backcrosses, influence of H-2 haplotype on susceptibility

Trypanosoma congolense
Murray, M.; and Morrison, W. I., 1979, Parasitology, v. 79 (3), 549-566
Trypanosoma congolense, Trypanosoma brucei, non-specific induction of increased resistance in mice by immunostimulants

Trypanosoma congolense
Nielsen, K.; et al., 1978, Immunology, v. 35 (5), 811-816
Trypanosoma congolense-infected calves, changes in catabolism of serum immunoglobulins and complement components, possible relationship to pathological changes

Trypanosoma congolense
Nielsen, K.; et al., 1978, Immunology, v. 35 (5), 817-826
Trypanosoma congolense-infected calves, changes in serum immunoglobulins, complement, and complement components

Trypanosoma congolense
Nielsen, K.; et al., 1978, J. Parasitol., v. 64 (3), 544-546
Trypanosoma congolense, T. lewisi, direct activation of complement

T[rypanosoma] congolense
Pearson, T. W.; et al., 1978, European J. Immunol., v. 8 (10), 723-727
T[rypanosoma] congolense-infected mice, depressed T lymphocyte responses

Trypanosoma congolense
Pearson, T. W.; et al., 1979, European J. Immunol., v. 9 (3), 200-204
Trypanosoma congolense, suppression of both B and T lymphocyte responses by spleen cells from infected mice, mechanism of suppression is complex and probably involves more than 1 cell type

Trypanosoma congolense
Preston, J. M.; Wellek, B. T.; and Kovatch, R. M., 1979, Exper. Parasitol., v. 48 (1), 118-125
Trypanosoma congolense-infected calves, kinetics of anemia, important hemolytic component

Trypanosoma congolense
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
Trypanosoma congolense-infected Glossina morsitans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypanosoma congolense, illus.
Reinwald, E.; Rautenberg, P.; and Risse, H. J., 1979, Exper. Parasitol., v. 48 (3), 384-397
Trypanosoma congolense, mechanical removal of surface coat in vitro

Trypanosoma congolense
Reinwald, E.; Risse, H. J.; and Saelker, R., 1978, Hoppe-Seyler's Ztschr. Physiol. Chem., v. 359 (8), 953-944
Trypanosoma congolense, radio-labelled diazoniobenzenesulfonate as marker for cell surface proteins, results indicate that surface coat is homogeneous layer composed of molecules of one type of protein

Trypanosoma congolense
Trypanosoma congolense-infected mice, numbers of parasites in peripheral blood, changes in spleen cell populations, immune depression, suppressor cell activity, changes after berenil treatment
Trypanosoma congoense
Kaelants, G. E.; et al., 1979, European J. Immunol., v. 9 (3), 195-199

Trypanosoma congoense-infected mice, composition of spleen cell populations used for functional assays, drastic reduction in B and T lymphocyte function cannot be due simply to dilution of relevant cells by null cells

Trypanosoma (Nannomonas) congoense, illus.

Trypanosoma congoense, isolation and purification: methods for reducing peripheral distribution of trypanosomes, for increasing yield of infected blood from each rat, and for selectively lysing erythrocytes; latter 2 methods are equally applicable to T. brucei

Trypanosoma congoense

Trypanosoma congoense, characterization of surface coat, single specific glycoprotein as surface antigen, overall similarities with surface coat of T. brucei

Trypanosoma congoense
Rurangirwa, F. R.; et al., 1978, Research Vet. Sc., v. 25 (1), 115-117

Trypanosoma congoense, concomitant generation of phospholipase A and hemolytic fatty acids by autolysing suspensions, autolysis of T. lewisi did not generate hemolytic activity unless exogenous phospholipase A was added

Trypanosoma congoense
Tizard, I. R.; et al., 1978, Tropenmed. u. Parasitol., v. 29 (1), 127-133

Trypanosoma congoense, absence from lymph of infected sheep

Trypanosoma congoense

Trypanosoma congoense-derived hemolytic fatty acids, characterization, probably not important mechanism of anemia in bovine trypanosomiasis

Trypanosoma congoense

Trypanosoma vivax, T. congoense, zebu and N'Dama cattle, pathology compared, N'Dama not as susceptible as zebu and some displayed a remarkable immunity: Missira, Senegal

Trypanosoma congoense
Trager, W., 1974, Ciba Found. Symp., n.s. (20), 225-254

trypanosomes, leishmanias, nutrition and biosynthetic capabilities, problems of in vitro cultivation and differentiation, review

Trypanosoma congoense
Valli, V. E. O.; and Forsberg, C. M., 1979, Vet. Path., v. 16 (3), 354-358

Trypanosoma congoense, calves, quantitative histological changes

Trypanosoma congoense
Valli, V. E. O.; Forsberg, C. M.; and Lumsden, J. H., 1979, Vet. Path., v. 16 (1), 96-107

Trypanosoma congoense, calves (exper.), pathogenesis, neutropenia, myeloid response

Trypanosoma congoense

Trypanosoma congoense, calves (exper.), clinical observations, gross pathology

Trypanosoma congoense
Vickerman, K., 1974, Ciba Found. Symp., n.s. (25), 53-80

antigenic variation in African trypanosomes, review

Trypanosoma congoense
Welde, B. T.; et al., 1978, Exper. Parasitol., v. 45 (1), 26-33

Trypanosoma congoense, cattle (exper.), thrombocytopenia, effects of parasite concentration, curative berenil therapy, and immune status on thrombocyte levels; coagulation abnormalities

Trypanosoma congoense

Trypanosoma gambiense, human, diagnosis, indirect fluorescent antibody test using T. gambiense, T. brucei, or T. congolense strains as antigen, standardization of easy technique to be used in mass surveys
PROTOZOA

Trypanosoma congolense
Trypanosoma spp., cattle, mice, suppressed antibody response to louping-ill vaccine, value of diminazene therapy in alleviating this effect

Trypanosoma conorihi
Bowman, J. B. R., 1974, Ciba Found. Symp., n.s. (27), 255-284
trypanosomes, intermediary metabolism, review

Trypanosoma conorihi, illus.
Trypanosoma cruzi and T. cruzi-like strains, differentiation from T. rangeli but not from T. conorhini by microimmunofluorescence using lectin of sponge (Aaptos papillata)

Trypanosoma conorihi
Camargo, E. P.; et al., 1978, Exper. Parasitol., v. 46 (2), 141-144
Trypanosoma, Leishmania, and Leptomonas spp., enzymes of ornithine-arginine metabolism, existence of genus-specific enzyme patterns which may serve as biochemical markers in classification of Trypanosomatidae

Trypanosoma conorihi
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Trypanosoma conorihi
Ebert, F.; Schudnagis, R.; and Muehlpfordt, H., 1978, Tropenmed. u. Parasi tol., v. 29 (1), 115-118
Trypanosoma cruzi and other Trypanosoma spp., protein typing by disc electrophoresis

Trypanosoma conorihi
trypanosomatid protozoa, 16 spp., survey for acetylornithinase and ornithine acetyltransferase, metabolic and nutritional implications

Trypanosoma conorihi
Trypanosoma lewisi, blood and culture forms, T. conorhini, culture forms, isolation of DNA by 2 methods, characterization by GC base composition

Trypanosoma conorihi
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Trypanosoma conorihi
trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use

Trypanosoma cotti Brumpt and Lebailly, 1904, illus.
Trypanosoma cotti, redescription of parasite in Enophrys bubalis and its development in its insect vector Indobdella punctata based on Brumpt's original material

Trypanosoma (Herpetosoma) crocidurae
Crocidura russula
Crocidura sp.
all from Iran

Trypanosoma cruzi
Trypanosoma cruzi, preparation of pure specific antigen and corresponding mono-specific antiserum using immunoadsorption

Trypanosoma (Schizotrypanum) cruzi
Afchain, D.; et al., 1979, J. Parasitol., v. 65 (4), 507-514
Trypanosoma cruzi culture forms, antigenic make-up, comparison with salivarian and some other stercorarian trypanosomes and Leishmania using immunoprecipitation in gels and immunelectrophoresis, identification of component specific to T. cruzi

Trypanosoma cruzi, illus.
Trypanosoma cruzi strain isolated from Callithrix argentata melanura, laboratory studies in baby white mice and triatomines, morphometric data: Cuiaba, State of Mato Grosso, Brazil

Trypanosoma cruzi, illus.
Dusicyon vetulus: Franca, State of Sao Paulo, Brazil
Camundongos (exper.)
P[anstrongylus] megistus (exper.)
Triatoma infestans (exper.)
T. vitticeps (exper.)
R[hodnius] neglectus (exper.)

Trypanosoma cruzi, illus.
Trypanosoma cruzi, search for wild reservoirs and vectors of pathogenic strain isolated from natural infection of Philander opossum quica, infective for mice and triatomines: Ribeirao Preto, Sao Paulo, Brazil

Trypanosoma cruzi
Aldama-Luebbert, A.; et al., 1976, Texas Med., v. 72, 55-60
Trypanosoma cruzi, woman, ventricular aneurysm associated with chagasic myocarditis, clinical and angiographic features: Texas (native of Guyana, most recently resident of Bogota, Colombia)
Trypanosoma cruzi, illus.
chronic human Chagas disease with intensive parasitism of esophagus and myocardium, associated Hodgkin's disease for which patient was receiving immunosuppressants, clinical case report: Uberaba

Trypanosoma cruzi
Almeida, H. O.; et al., 1977, F. E. B. S. Letters, v. 99 (1), 81-85
Trypanosoma cruzi epimastigote forms, evidence for plasma membrane localization and antigenic nature of carbohydrate-containing macromolecules

Trypanosoma cruzi
Trypanosoma cruzi, recipients of multiple blood transfusions, analysis by complement fixation test of the risk of acquiring Chagas disease through transfusion

Trypanosoma cruzi
Trypanosoma cruzi, Colombian strain, mice, with chronic infection with Colombian strain, inoculation with virulent Y strain, results demonstrate that chronic infection produces partial immunity and that co-existence of parasite strains is possible

Trypanosoma cruzi
Trypanosoma cruzi, Colombian strain, mice with reticulo-endothelial blockade due to India ink injections, cortisone-treated mice, suckling mice, severe infection, with high parasitemia occurred in these animals with lowered resistance but basic strain pattern was not changed

Trypanosoma cruzi
Trypanosoma cruzi, pathological changes in untreated vs. Bay 2502-treated mice with chronic infections

Trypanosoma cruzi
Trypanosoma cruzi, parasite survival in frozen infected human plasma, implications for human plasma transfusions

Trypanosoma cruzi
Serodiagnostic tests for Chagas disease performed on sera of patients with visceral leishmaniasis gave positive results with several immunologic methods, indicates "group-reactions" within Trypanosomatidae

Trypanosoma cruzi
Trypanosoma cruzi, Peruvian and Colombian strains, failure to demonstrate presence of host antigens on surface of trypomastigote forms from guinea pig blood using immunofluorescence

Trypanosoma cruzi
Trypanosoma cruzi, illus.
Alvarenga, N. J.; and Brener, Z., 1979, J. Parasitol., v. 65 (5), 814-815
Trypanosoma cruzi, isolation of pure meta-cyclic trypomastigotes from triatomine bugs by use of DEAE-cellulose column

Trypanosoma cruzi
Trypanosoma cruzi, characteristics of strain isolated in area of Salvador (virulence, tissue tropism, morphology, pathology), comparison with characteristics of strains from other areas, extensive bibliography: Bahia, Brazil

Trypanosoma cruzi
Trypanosoma cruzi, drug resistance, Bay 2502-treated mice

Trypanosoma cruzi
Trypanosoma cruzi, Colombian strain, drug resistance, Bay 2502-treated mice

Trypanosoma cruzi
Trypanosoma cruzi, pathological changes in untreated vs. Bay 2502-treated mice with chronic infections

Trypanosoma cruzi
Trypanosoma cruzi, re-examination of person from whom extensively studied virulent Y strain had been isolated 23 years earlier, typical signs of chronic infection not evident
Trypanosoma cruzi, illus.
Trypanosoma cruzi-infected mice, therapeutic action of Ro 7-1051 against 2 parasite strains

Trypanosoma cruzi
Trypanosoma cruzi, mice, activity of CL 71.566

Trypanosoma cruzi
Trypanosoma cruzi mice, mice, human, Bayer 2502, combined use of Bayer 2502 and corticoid (betamethasone) more effective than drug used alone

Trypanosoma cruzi
Trypanosoma cruzi, histologic changes found in 20 human cases of acute and chronic Chagas' myocarditis and in 5 dogs experimentally infected, extensive pathologic report

Trypanosoma cruzi
Trypanosoma cruzi, infection of human heart, pathology of acute and chronic phases

Trypanosoma cruzi
Anselmi, A.; and Moleiro, F., 1974, Ciba Found. Symp., n.s. (20), 125-136
Chagas' cardiomyopathy, pathogenic mechanisms, review

Trypanosoma cruzi
Trypanosoma cruzi, T. rangeli, Panamanian vectors, diagnosis, micro-enzyme-linked immunosorbent assay, some serologic cross-reactivity between 2 species; comparison with complement fixation, direct agglutination, and clinical diagnosis

Trypanosoma (Schizotrypanum) cruzi
Trypanosoma cruzi, discovery of infected Triatoma infestans vectors in local homes in which the dwellers had never lived in endemic Chagas areas: areas of Rio de Janeiro state

Trypanosoma cruzi
Trypanosoma cruzi, acute infection in mice, circulating antigens capable of reacting against mouse serum in complement fixation and counterimmunoelectrophoresis tests but not in haemagglutination test

Trypanosoma cruzi
Trypanosoma cruzi, mice, exoantigens, time of appearance, failure to enhance infection, protective effect in immunization

Trypanosoma cruzi
Trypanosoma cruzi, 3 strains with differences in antigenic structure, strain Fl always yielded lower titers in immunofluorescent test, use of pool of several strains recommended

Trypanosoma cruzi
Avila, J. L.; et al., 1979, Exp. Parasitol., v. 48 (3), 274-278
Trypanosoma cruzi, defined medium for continuous cultivation of virulent parasites

Trypanosoma cruzi
Avila, J. L.; et al., 1979, J. Protozool., v. 26 (2), 304-311
Trypanosoma cruzi, acid and neutral hydrolases, characterization and assay

Trypanosoma cruzi
Trypanosoma cruzi, mice, chemotherapy with ethidium bromide-DNA complex, effectiveness seems limited to early Chagas' disease

Trypanosoma cruzi
Trypanosoma cruzi, T. rangeli, human blood samples being tested for malaria found to be positive also for trypanosomiasis, epidemiologic survey, determination of possible vectors: El Salvador

Trypanosoma cruzi
Barbosa, W.; et al., 1974, Rev. Patol. Trop., v. 3 (3), 263-268
Trypanosoma cruzi, diagnosis, sera from persons known to be infected, comparison of test results using counterimmunoelectrophoresis, hemagglutination, fluorescent antibody and complement fixation

[Trypanosoma] cruzi
[Trypanosoma] cruzi, humans with acute and chronic infections, therapy trials with benznidazole

Trypanosoma cruzi
Trypanosoma cruzi, man, xenodiagnosis, significantly more Dipetalogaster maximus showed infection than did Triatoma infestans in comparative trials

Trypanosoma (Schizotrypanum) cruzi
Chagas, 1909
valid species, synonymy

[Trypanosoma] cruzi
Carvalho, C. A., 1972, Rev. Patol. Trop., v. 3 (3), 115-121
Trypanosoma cruzi, mice, activity of CL 71.566

Galictis vittata brasilensis: Sao Simao, State of Sao Paulo, Brazil
rats (exper.)
white mice (exper.)
[Panstrongylus] cruzi, strains (exper.)
[Triatoma] infestans (exper.)
T. sordida (exper.)
T. vitticeps (exper.)
[Rhodnius] neglectus (exper.)
Trypanosoma cruzi, illus.

Trypanosoma cruzi, strain isolated from Holochilus brasiliensis leucogaster, infective for baby mice and triatomines: Itapira, State of Sao Paulo, Brazil

Trypanosoma cruzi, infection of vertebrate host by feeding them infected triatomines or infected rats and mice demonstrates importance of oral route of transmission mice rats dogs Bidelphis azarae cats guinea-pigs (all exper.)

Trypanosoma cruzi

Trypanosoma cruzi in wild triatomines, preliminary survey Rhodnius neglectus Triatoma sordida Panstrongylus megistus P. geniculatus all from Region of Triangulo Mineiro, State of Minas Gerais, Brazil

Trypanosoma cruzi, strains isolated from human cases of Chagas' disease and from infected triatomines and wild Brazilian mammals, behavior in Ricman and Robson's blood incubation infectivity test

Trypanosoma cruzi, hemagglutination test, serum from persons with chronic infections, antigens purified by alcohol-ether, acetone-butanol and with known protein content compared with those obtained from culture forms lysed in distilled water

Trypanosoma cruzi, fatal infection in splenectomized woman with hemolytic anemia and under prolonged corticoid therapy, had received blood transfusion from Chagasic donor, clinical aspects, pathology: Sao Paulo State, Brazil

Trypanosoma cruzi, human acute and chronic forms, comparison of diagnosis by latex agglutination and by immunofluorescence

Trypanosoma cruzi, rural people, serological prevalence survey by complement fixation: South Region of Rio Grande do Sul State, Brazil

Trypanosoma cruzi, morpho-biometric and biologic comparisons of 17 strains; results showed no relationships between morphology and pathogenicity of strains studied

Trypanosoma cruzi, humans, epidemiologic observations on multiple acute cases of Chagas disease, analysis of occupational and educational aspects, and standard of living of infected persons

Trypanosoma cruzi, humans, comparison of complement fixation and latex agglutination tests for immunodiagnosis of hospitalized patients and for epidemiologic surveys
Baruzz, R. G.; et al., 1971, Ann. Soc. Belge Microbiol., v. 9 (1), 11-16

Trypanosoma cruzi, isolation from wild rodent (Calomys musculinus) which is widely distributed in Argentina, possible implications for epidemiology of human Chagas disease: Las Higueras, Rio Cuarto, Cordoba

Trypanosoma cruzi, fatal infection in splenectomized woman with hemolytic anemia and under prolonged corticoid therapy, had received blood transfusion from Chagasic donor, clinical aspects, pathology: Sao Paulo State, Brazil

Trypanosoma cruzi, morpho-biometric and biologic comparisons of 17 strains; results showed no relationships between morphology and pathogenicity of strains studied
Benard, J.; Riou, G.; and Saucier, J. M., 1979, Nucleic Acids Research, v. 6 (5), 1941-1952

Trypanosoma cruzi, at different stages of culture and grown in presence of ethidium, kinetoplast DNA, characterization by sedimentation analysis

Trypanosoma cruzi
Bertinetti, E. dos S.; 1974, Radiol. Brasil., v. 7 (2), 91-94
Trypanosoma cruzi, human, dilatation and motion of esophagus as diagnostic feature in conjunction with serologic findings

Trypanosoma cruzi
Trypanosoma cruzi, human congenital infections, histopathology of skin infections

Trypanosoma cruzi, illus.
Trypanosoma cruzi, congenital infections, autopsy pathology of abortus, stillborn, newborn, and infants

Trypanosoma cruzi
Trypanosoma cruzi, evaluation of local epidemiologic information with that of countries known to be highly endemic areas in order to establish public health importance of local infection, suggestions for further research of this problem in El Salvador

Trypanosoma cruzi, illus.
Trypanosoma cruzi, scanning and transmission electromicroscopy of epimastigotes grown in liquid medium

Trypanosoma cruzi
Trypanosoma cruzi, evaluation of specificity and sensitivity of the direct agglutination test for diagnostic purposes in a non-endemic area, complement fixation and indirect hemagglutination tests used for comparison; when used with the addition of 2-mercaptoethanol in serum samples direct agglutination proved useful for screening in blood banks and for epidemiologic surveys

Trypanosoma cruzi
Bomford, R.; and McHardy, N.; 1979, Parasitology, v. 78 (1), 77-87
Trypanosoma cruzi, comparative efficacy of adjuvants for epimastigote vaccines (Corynebacterium parvum, saponin, Bordetella pertussis)

Trypanosoma cruzi
Bongertz, V.; and Hungerer, K. D.; 1978, Exper. Parasitol., v. 45 (1), 8-18
Trypanosoma cruzi, protease, isolation and characterization

Trypanosoma cruzi
cryopreservation of parasitic protozoa

Trypanosoma cruzi
Trypanosoma spp., geographic distribution, vectors, recommended therapeutic measures, review

Trypanosoma cruzi
Trypanosoma cruzi, epimastigotes forms in saline medium, action of β-lapachone and its metabolite form α-lapachone on parasite growth and production of hydrogen peroxide; β-lapachone inhibited growth but possible effect was mediated by the hydrogen peroxide and related free radicals

Trypanosoma cruzi
Trypanosoma cruzi, differential effect of β-lapachone and α-lapachone on superoxide anion and hydrogen peroxide production and on growth of epimastigotes

Trypanosoma cruzi
Bos, H. J.; et al., 1978, Comp. Biochem. and Physiol., v. 61C (2), 327-329
Trypanosoma cruzi, correlation between superoxide anion production and trypanocidal action of naphthoquinones

Trypanosoma cruzi
trypanosomes, intermediary metabolism, review

Trypanosoma cruzi
Trypanosoma cruzi, leucocyte migration inhibition using soluble and particulate antigens and leukocytes from patients with chronic Chagas disease, results showed that stimulatory capacity of particulate antigens is greater than that of soluble antigens

Trypanosoma cruzi
Trypanosoma cruzi, description of method allowing study of drug action on trypomastigotes in mice

Trypanosoma cruzi
Trypanosoma cruzi, life cycle in vertebrate and invertebrate hosts, influence of parasite strains, host genetic factors, bacterial flora, and parasite morphology on host susceptibility

Trypanosoma cruzi, illus.
Trypanosoma cruzi, 3 strains maintained 8 years in mice continued polymorphism, infectivity, and growth in culture medium

Trypanosoma cruzi
Trypanosoma cruzi, mice treated with nitrofurazone, nifurtimox, or Ro 7-1051, differences in susceptibility of 4 parasite strains to active drugs attributed to biological characteristics of stains rather than to mode of drug action
Trypanosoma cruzi, illus.
Trypanosoma cruzi and T. cruzi-like strains, differentiation from T. rangeli but not from T. conorhini by microimmunofluorescence using lectin of sponge (Aaptos papillata)

Trypanosoma cruzi
Trypanosoma cruzi-infected rats, alterations in function and morphology of anterior hypothalamus

Trypanosoma cruzi
Bronzina, A.; et al., 1977, Rev. Neurol. Argentina, v. 3 (3), 483
Trypanosoma cruzi subcellular antigenic fractions, affinity for rat tissue from Auerbach's plexus and from myocardium, brief report

Trypanosoma cruzi
Burgess, D. E.; and Hanson, L. W., 1979, Infect. and Immun., v. 25 (3), 838-843
Trypanosoma cruzi, mice, adoptive transfer of protection with lymphocytes and macrophages

Trypanosoma cruzi
Trypanosoma cruzi, several hypotheses for the cancerolytic action of parasite on cancerous cells in mice

Trypanosoma cruzi
Camargo, E. P.; et al., 1978, Exper. Parasi-tol., v. 46 (2), 141-144
Trypanosoma, Leishmania, and Leptomonas spp., enzymes of ornithine-arginine metabolism, existence of genus-specific enzyme patterns which may serve as biochemical markers in classification of Trypanosomatidae

Trypanosoma cruzi
Camargo, E. P.; Itow, S.; and Alfieri, S. C., [1979], J. Parasitology, v. 64 (6), 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Trypanosoma cruzi
Trypanosoma cruzi, human, hemagglutination test with chromium chloride, formalin-treated human erythrocytes evaluated for diagnostic purposes

Trypanosoma cruzi
Trypanosoma cruzi, human, comparative serologic diagnosis, complement fixation, immunofluorescence, hemagglutination, flocculation tests

Trypanosoma cruzi
Trypanosoma cruzi, IgM antibodies as evidence of recent infection, immunofluorescent technique, epidemiological applications

Trypanosoma cruzi
Trypanosoma cruzi, humans, freeze-dried reagent used with hemagglutination test evaluated, compared with complement fixation, preserved reagent found to be sensitive, specific and reliable

Trypanosoma cruzi
Trypanosoma cruzi, aldehyde-preserved human erythrocytes used with the hemagglutination test, practical diagnostic test for routine purposes

Trypanosoma cruzi
Trypanosoma cruzi, I.M.T.-Chagas flocculation test evaluated, compared with complement fixation, hemagglutination and immunofluorescence test results

Trypanosoma cruzi
Trypanosoma cruzi, large quantities of heavily parasitized blood for use in laboratory studies obtained by giving immunosuppressive drugs to infected adult dogs

Trypanosoma cruzi
Trypanosoma cruzi, laboratory diagnosis of unsuspected acute post-transfusion Chagas' disease, 2 case reports: Sao Paulo

Trypanosoma cruzi
Trypanosoma cruzi, survey of blood donors for evidence of chagasic infection using the Guerreiro and Machado test (recommended as preferred diagnostic method); recommendation that gentian violet be added to all transfusion blood used in endemic areas as an additional precautionary measure

Trypanosoma cruzi
Trypanosoma cruzi, method of standardization of processes and selection of patients for drug treatment clinical trials; statistics of trial testing Bayer 2502

Trypanosoma cruzi
Trypanosoma cruzi, human chronic infections, clinical trials of nifurtimox, toxicity

Trypanosoma cruzi
Caneado, J. R.; et al., 1976, Rev. Goiana Med., v. 22 (3-4), 203-233
Trypanosoma cruzi, humans, extensive clinical study of nifurtimox as therapy, nifurtimox considered to be a suppressive rather than curative drug
Trypanosoma cruzi
Canese, A.; et al., 1976, Rev. Paraguaya Microbiol., v. 11 (1), 11
Toxoplasma gondii, Trypanosoma cruzi, antibody prevalence survey in hospitalized children, detection of several cases of congenital infections: Paraguay

Trypanosoma cruzi
Canese, A.; et al., 1976, Rev. Paraguaya Microbiol., v. 11 (1), 12
Trypanosoma cruzi, Toxoplasma gondii, antibody prevalence survey in pregnant women: Paraguay

Trypanosoma cruzi
Trypanosoma cruzi epimastigotes, 2 forms of 'malic' enzyme, different kinetic and regulatory properties

Trypanosoma cruzi
human Chagas disease, survey for evidence of infection among possible blood donors; only 3% of 1,177 complement fixation tests performed were positive: Emergency Hospital in city of Recife

Trypanosoma cruzi
Trypanosoma cruzi vectors Rhodnius prolixus and R. neglectus, unsuccessful cross-breeding attempts, considered as distinct spp.

Trypanosoma cruzi
Trypanosoma cruzi, humans, pathogenesis with emphasis on chronic phase, brief review

Trypanosoma cruzi
Trypanosoma cruzi, patients with chronic infection, associated thyroid mass is not a typical finding, survey of 30 patients: Brazil

Trypanosoma cruzi
Trypanosoma cruzi, humans, no association found between infant prematurity and maternal Chagas infection

Trypanosoma cruzi
Trypanosoma cruzi, patients with chronic Chagas cardiopathy, presence of anti-myocardium antibody in sera

Trypanosoma cruzi
Cazzulo, J. J.; et al., 1979, Comp. Biochem. and Physiol., v. 64B (1), 129-131
Trypanosoma cruzi, NAD-linked glutamate dehydrogenase, partial purification and some properties

Trypanosoma cruzi
Trypanosoma cruzi, human, extensive epidemiological survey of 25 rural communities of El Salvador

Trypanosoma cruzi
Trypanosoma cruzi, new amastigote antigen superior to antigen from epimastigotes, indirect immunofluorescence test

Trypanosoma cruzi
Ceriolana, J. A.; et al., 1977, Bol. Chileno Parasitol., v. 32 (3-4), 31-62
Trypanosoma cruzi, humans, evaluation of efficacy of nifurtimox therapy using follow-up xenodiagnosis (monthly over 11-month period): Argentina, Chile, Brazil

Trypanosoma cruzi
Trypanosoma cruzi, human, statistics of prevalence survey in area of high endemicity, review of epidemiological investigative methods, study of cardiomypathies of chagasic origin: Argentina

Trypanosoma cruzi
Trypanosoma cruzi, human, acute disease, 2-year longitudinal study, comparison of results of complement fixation, hemagglutination and fluorescent antibody tests, with and without Bay 2502 treatment

Trypanosoma cruzi
Ceron, C. R.; et al., 1979, J. Protozool., v. 26 (3), 479-483
Trypanosoma cruzi, Crithidia deanei, apomyosin C. deanei, purine metabolism

Trypanosoma cruzi
Cerisola, J. A.; and Alvarez, M., 1979, J. Protozool., v. 26 (3), 479-483
Trypanosoma cruzi, Crithidia deanei, apomyosin C. deanei, purine metabolism

Trypanosoma cruzi
Cerisola, J. A.; et al., 1979, J. Protozool., v. 26 (3), 479-483
Trypanosoma cruzi, young children, extremely severe infections with acute cardiovascular involvement and shock, lampit effective but seldom available: Cochabamba, Bolivia

Trypanosoma cruzi
Trypanosoma cruzi, mice, culture forms (Y and MR strains) previously kept for 1 1/2 to 18 years without animal passage, infectivity compared

Trypanosoma cruzi
Trypanosoma cruzi, strains Y and MR cultured for different periods of time, comparison of growth curves and differentiation (epimastigotes to metacyclic trypomastigotes) rates

Trypanosoma cruzi
Trypanosoma cruzi, behavior of 3 culture forms (PF, PFI, and MRs) tested in mice and triatomids, pathologic changes observed with all 3 forms, living vaccines or 'attenuated' culture forms not recommended for control programs
Trypanosoma cruzi
Chagas disease, humans, general clinical review

Trypanosoma cruzi
sera positive for Chagas-Mazza or toxoplasmosis or both, adsorption with 3 lines of Trypanosoma cruzi, immunofluorescent titers, no cross reactions between T. cruzi and toxoplasmosis: Provincia de San Luis

Trypanosoma (Schizotrypanum) cruzi
Trypanosoma cruzi, culture media for use in immunoprecipitation tests

T[rypanosoma] cruzi
Trypanosoma cruzi, epidemiologic survey of autochthonous human infection, dispersion of infected Triatoma infestans in climatic environment thought to be unfavorable for development of this vector: Baixada Fluminense, Municipio de Caxias, Estado do Rio de Janeiro

Trypanosoma cruzi
Trypanosoma cruzi, epidemiologic survey of non-endemic area for evidence of Chagas disease, triatominae inhabiting housing, humans (mostly children) and 2 dogs found infected by serologic and xenodiagnostic methods: Caxias, Rio de Janeiro State, Brazil

Trypanosoma cruzi
Trypanosoma cruzi Sonya strain, course of infection in blood and tissues of gamma-irradiated rats

Trypanosoma cruzi, illus.
Crane, M. St. J.; and Dvorak, J. A., 1979, J. Protozool., v. 26 (4), 599-604
Trypanosoma cruzi, intratissue with vertebrate cells in vitro, DNA synthesis and growth of intracellular amastigotes, relationship to host cell DNA synthesis and growth

Trypanosoma cruzi, illus.
Trypanosoma cruzi, ß-lapachone markedly increases generation of hydrogen peroxide in intact epimastigotes

Trypanosoma cruzi
Trypanosoma cruzi, human, xenodiagnosis, Dipetalogaster maximus vs. Triatoma infestans

Trypanosoma cruzi
Trypanosoma cruzi, xenodiagnosis of patients with serologically detectable infection using third-instar Dipetalogaster maximus, more efficient than first instar of same species or third-instar Triatoma infestans

Trypanosoma cruzi
Trypanosoma cruzi, human, differential screening of serum using triple antigen (composed of cardiolipin, suspension of brucellas and T. cruzi antigen) for the complement fixation test, results showed test suitable for individual testing or mass screening

Trypanosoma cruzi
Cunningham, D. S.; Craig, W. H.; and Kuhn, R. E., [1979], J. Parasitol., v. 64 (6), 1978, 1044-1049
Trypanosoma cruzi, both susceptible and resistant mice become severely hypocomplementemic during exper. Chagas disease, trypanosomes and their products can initiate complement cascade via classical pathway, passively induced immunosuppression of humoral responses occurs in absence of concomitant hypocomplementemia

Trypanosoma cruzi
Trypanosoma cruzi-infected mice, immunosuppression of humoral responses in two host strains differing in susceptibility, mechanism appears to be suppressor substance in serum

Trypanosoma cruzi
Trypanosoma cruzi, mice, transplacental transmission is dependent upon pathogenicity of parasite strain and phagocytic activity of placenta

Trypanosoma cruzi
Trypanosoma cruzi extracts added to cultures containing Mycobacterium tuberculosis hominis resulted in negative growth of Mycobacterium in these cultures, white mice also failed to produce lesions when extracts of T. cruzi were included in Mycobacterium inoculum

T[rypanosoma] cruzi, illus.
T[rypanosoma] cruzi, NMRI-mice, long-term study following paw infection, pathohistological findings in 17 organs at different times after infection

Trypanosoma cruzi
Docampo, R.; et al., 1978, Arch. Biochem. and Biophys., v. 186 (2), 292-297
Trypanosoma cruzi, ß-lapachone-treated epimastigotes, lipid peroxidation and generation of free radicals, superoxide anion, and hydrogen peroxide

Trypanosoma cruzi, illus.
Docampo, R.; et al., 1978, Ztschr. Parasitenk., v. 57 (3), 189-198
Trypanosoma cruzi, naphthoquinones, effect on ultrastructure and superoxide anion and hydrogen peroxide production of different stages
Trypanosoma cruzi

Docampo, R.; et al., 1979, J. Protozool., v. 26 (2), 301-303

Trypanosoma cruzi bloodstream forms, increase in respiration in presence of acetate, acetate oxidation took place via tricarboxylic acid cycle and involved antimycin A-sensitive respiratory pathway, immune sera had no effect on oxygen uptake

Trypanosoma cruzi

Docampo, R.; de Boiso, J. F.; and Stoppani, A. O. M., 1979, Arch. Biochem. and Biophys., v. 197 (1), 317-321

Trypanosoma cruzi epimastigotes generated in diphasic media (with and without blood) and liquid media (with and without hemin) to establish influence of growth conditions on respiration and metabolism

Trypanosoma cruzi


Trypanosoma cruzi, tricarboxylic acid cycle operation at kinetoplast-mitochondrion complex: effect of ethidium bromide on growth and cytochrome content, substrate oxidation by dyskinetoplastic and cytochrome-deficient epimastigotes

Trypanosoma cruzi

Docampo, R.; and Stoppani, A. O. M., 1979, Arch. Biochem. and Biophys., v. 197 (1), 317-321

Trypanosoma cruzi epimastigotes, generation of superoxide anion and hydrogen peroxide induced by nifurtimox

Trypanosoma cruzi


Trypanosoma cruzi, growth in vitro unaffected by sodium salicylate

Trypanosoma cruzi

Dvorak, J. A., 1979, J. Protozool., v. 26 (1), 158 [Letter]

Trypanosoma cruzi, subpellicular microtubules, retrospective analysis of data of Meyer, H.; and de Souza, W., 1976, J. Protozool., v. 23 (3), 385-390

Trypanosoma cruzi

Ebert, F.; Schudnagis, R.; and Muehlpfordt, H., 1978, Tropenmed. u. Parasitol., v. 29 (1), 115-118

Trypanosoma cruzi and other Trypanosoma spp., protein typing by disc electrophoresis

Trypanosoma cruzi-like strains

Ebert, F.; Schudnagis, R.; and Muehlpfordt, H., 1978, Tropenmed. u. Parasitol., v. 29 (1), 115-118

Trypanosoma cruzi and other Trypanosoma spp., protein typing by disc electrophoresis

Trypanosoma cruzi

Etcheverry, D., 1977, Semana Med. (4988), an. 84, v. 150 (15), 485

Trypanosoma cruzi, incidence survey, infected triatomine vectors: Province of Buenos Aires

Trypanosoma cruzi

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Trypanosoma cruzi, epimastigotes cultured in diphasic media (with and without blood) and diphasic media (with and without hemin) to establish influence of growth conditions on respiration and metabolism

Trypanosoma cruzi


Trypanosoma cruzi, tricarboxylic acid cycle operation at kinetoplast-mitochondrion complex: effect of ethidium bromide on growth and cytochrome content, substrate oxidation by dyskinetoplastic and cytochrome-deficient epimastigotes
Trypanosoma cruzi, illus.
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parasitic tropical diseases, humans, central nervous system involvement, clinical review

Trypanosoma cruzi
Trypanosoma cruzi, trypanocidal effect of various thiosemicarbazones compared with standard anti-trypanosomes, benzamidin VII proved effective in vitro (cultured ciliated forms) and in exper. infected mice and compared favorably with nitrofurazone and lampit

Trypanosoma cruzi
Forattini, O. P.; et al., 1979, Rev. Saude Publ., S. Paulo, v. 13 (2), 123-146
Trypanosoma cruzi, epidemiological and ecological aspects in intensive agricultural and cattle breeding region, environmental changes seem to have favored Triatomiinae by increasing available ecotopes: municipio de Guaira, Brazil

Trypanosoma cruzi
Forichon, C., 1975, Rev. Patol. Trop., v. 4 (1), 57-78
human Chagas disease, compilation and review of morbidity and mortality statistics gathered from various sources, extensive bibliography, thesis

Trypanosoma cruzi
Foxley, R., 1974, Rev. Chilena Obst. y Ginec., v. 39 (3), 83-86
Trypanosoma cruzi, survey of infertile women showed that Chagas disease was an uncommon cause of reproductive problems: Chile

Trypanosoma cruzi
Fransch, A. C. C.; et al., 1978, Comp. Biochem. and Physiol., v. 60B (3), 271-275
Trypanosoma cruzi, adenosine triphosphatase activities

Trypanosoma cruzi
Trypanosoma cruzi, Mg2+-activated adenosine triphosphatase, solubilization and some properties

Trypanosoma (Schizotrypanum) cruzi
Trypanosoma cruzi, humans, discussion of epidemiology and control measures in Brazil

Trypanosoma cruzi, illus.
Fruit, J.; et al., 1978, Exper. Parasitol., v. 45 (2), 183-189
Trypanosoma cruzi, location of a specific antigen (antigen 5) on the surface of blood-stream trypomastigote and culture epimastigote forms

Trypanosoma cruzi
Trypanosoma cruzi, in survey of a "shanty town" for evidence of triatome vectors only Triatoma rubrofasciata was discovered and it was not infected: Sao Cristovao, Guanabara
Trypanosoma cruzi, illus.
Trypanosoma cruzi epimastigotes in diphasic medium, specific rabbit immune serum altered mobility and morphology and inhibited growth

Trypanosoma cruzi
Trypanosoma cruzi, identification of an immunogenic cell surface polysaccharide

Trypanosoma cruzi
mucocutaneous leishmaniasis immunofluorescence test using in vitro grown strain of Leishmania braziliensis, antigen standardization, cross reactions with Chagas disease and kala-azar sera

Trypanosoma cruzi
Trypanosoma cruzi, antigenic composition of 2 strains, analytical polyacrylamide-gel electrophoresis, immunoelectrophoresis

Trypanosoma cruzi, illus.
Trypanosoma cruzi, glycoprotein complex extracted from epimastigotes capable of inhibiting immunofluorescence and hemagglutination tests performed with human sera and forming complement fixing immune complexes with both human and hyperimmune sera

Trypanosoma cruzi
Trypanosoma cruzi, rapid, simple primary screen to test compounds for activity as potential trypanocides using infected A/JAX inbred mice

Trypanosoma cruzi
Gutteridge, W. E.; Cover, B.; and Gaborak, M., 1978, Parasitology, v. 76 (2), 159-176
Trypanosoma cruzi, methods for isolation of blood and intracellular forms from rats and other rodents, preliminary studies on metabolism of these stages

Trypanosoma cruzi
Kinetoplastida spp., Plasmodium spp., conversion of dihydroorotate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Trypanosoma cruzi
Gutteridge, W. E.; and Gaborak, M., 1979, Internat. J. Biochem., v. 10 (5), 415-422
Trypanosoma cruzi, trypomastigotes, amastigotes, epimastigotes, purine and pyrimidine metabolism

Trypanosoma cruzi
Trypanosoma cruzi, in vivo and in vitro activity of SQ 18,506 compared with that of similar nitroheterocyclic compounds

Trypanosoma (Schizotrypanum) cruzi
American trypanosomiasis, immunology, review

Trypanosoma cruzi
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Trypanosoma cruzi
Trypanosoma cruzi, human, congenital Chagas' disease, clinical, pathological, and epidemiological studies on pair of twins, immunofluorescence tests on cord sera were negative for IgM antibodies

Trypanosoma cruzi
Trypanosoma cruzi, rural population, age-specific prevalence rates of parasitemia (detected by blood cultures and xenodiagnosis) vs. seroreactivity (measured by complement fixation and indirect immunofluorescence tests): northeast Brazil

Trypanosoma cruzi
Horio, Y.; et al., 1979, Nippon Naika Gakkai Zasshi (J. Japan. Soc. Internal Med.), v. 68 (10), 1313-1318
Trypanosoma cruzi, human chronic infection, case report, autopsy findings

Trypanosoma cruzi
Trypanosoma cruzi, acute or recent human infections, diagnosis, standardization of polysaccharide-hemagglutination test, possible seroepidemiologic applications

Trypanosoma cruzi
Trypanosoma cruzi, intravenous cholecystoangiographic studies of pathologic changes in persons with chronic infections resulting in megaesophagus or megacolon

Trypanosoma cruzi
survey of Triatoma spp. revealed no natural infections of Trypanosoma cruzi: Florida
Trypanosoma cruzi
Jadin, J. M.; et al., 1977, Ann. Soc. Belge Med. Trop., v. 57 (4-6), 525-531
Trypanosoma cruzi intra- and extracellular forms, T. brucei extracellular forms, mice, ethidium bromide vs. ethidium bromide-DNA complexes as therapy

[Trypanosoma] cruzi
Trypanosoma cruzi, human chronic form involving nervous system, diagnosis, clinical manifestations, pathology, medical management

Trypanosoma cruzi, illus.
Trypanosoma cruzi causing acute, fatal meningoencephalitis in woman who had had immunosuppressive therapy and renal transplant, infection thought to have been transmitted through blood transfusion given during kidney dialysis prior to transplant

Trypanosoma cruzi
Trypanosoma cruzi, presence and properties of pyruvate kinase

Trypanosoma cruzi
Juan, S. M.; Cazzulo, J. J.; and Segura, E. L., 1979, Comp. Biochem. and Physiol., v. 63B (4), 531-535
Trypanosoma cruzi, inhibition of NADP-linked glutamate dehydrogenase by sulfhydryl reagents

Trypanosoma cruzi
Trypanosoma cruzi, NADP-linked glutamate dehydrogenase, purification and some properties

Trypanosoma cruzi
Juan, S. M.; Segura, E. L.; and Cazzulo, J. J., 1979, Expierientia, v. 35 (9), 1139-1140
Trypanosoma cruzi, NADP-linked glutamate dehydrogenase, inhibition by silver nitrate

Trypanosoma cruzi
exper. exposure of Rhodnius prolixus and R. neglectus (vectors of Trypanosoma cruzi) to gamma irradiation in order to ascertain a median lethal dose of radiation, possible application to control measures

Trypanosoma cruzi, illus.
Trypanosoma cruzi, amastigote and trypomastigote forms, surface antigen, relationship to virulence

Trypanosoma cruzi, illus.
Katzin, A. M.; et al., 1979, Medicina, Buenos Aires, v. 39 (1), Jan.-Feb., 76-84
Trypanosoma cruzi epimastigotes, lectins used to investigate existence, localization and distribution of saccharides on parasite surfaces, possible use in differentiating species or strains as well as parasite stages

Trypanosoma cruzi
Trypanosoma cruzi, extraction and assay of lipopolysaccharide from parasite, possible endotoxic properties

Trypanosoma cruzi
Trypanosoma cruzi, humans, immunofluorescent vascular pattern of EVI antibody (anti-skeletal muscle antibody) on liver tissue useful in detecting previously undiagnosed infections, especially in patients with connective tissue disorders

[Trypanosoma] cruzi
Khoury, E. L.; et al., 1979, Clin. and Exper. Immunol., v. 36 (1), 8-15
[Trypanosoma] cruzi, human, presence of circulating antibodies to peripheral nerve, significant association with EVI antibodies, possible role in pathogenesis of Chagas' disease

Trypanosoma cruzi
Kierszenbaum, F., 1979, Am. J. Trop. Med. and Hyg., v. 28 (6), 965-968
Trypanosoma cruzi, antibody-dependent killing of bloodstream forms by human peripheral blood leukocytes

Trypanosoma cruzi
Kierszenbaum, F.; and Ferraresi, R. W., 1979, Infect. and Immun., v. 25 (1), 275-278
Trypanosoma cruzi, mice, enhancement of resistance against infection by the immunoregulatory agent muramyl dipeptide

Trypanosoma cruzi
Kierszenbaum, F.; and Pienkowski, M. M., 1979, Infect. and Immun., v. 24 (1), 117-120
Trypanosoma cruzi, mice, thymus-dependent control of host defense mechanisms

Trypanosoma cruzi
Trypanosoma cruzi, human chronic infection, associated disturbance of urinary concentration mechanism
Trypanosoma cruzi, illus.
Trypanosoma cruzi, in vitro metacyclic trypomastigotes purified from culture develop into amastigotes, multiply and transform into epimastigotes, increasing incubation temperature accelerates appearance of amastigotes but hinders further development

Trypanosoma cruzi, illus.
Kipnis, T. L.; Calich, V. L. G.; and Dias da Silva, W., 1979, Parasitology, v. 78 (1), 89-98
Trypanosoma cruzi, trypomastigote bloodstream forms of Y and CL stock, uptake by mouse peritoneal macrophages and intracellular differentiation and multiplication in vitro under a variety of conditions, results confirm that epimastigote culture forms are phagocytosed and suggest that bloodstream forms penetrate actively into macrophages

Trypanosoma cruzi
Trypanosoma lewisi, T. cruzi sensitized with specific antisera and complement, adherence to rat peritoneal cells; adherence is specific, without cross reactions; results suggest that phagocytosis as well as cytophilic antibodies plays a role in immunity

Trypanosoma cruzi, illus.
Trypanosoma cruzi, T. lewisi, cross-immunity studies in young mice and rats

Trypanosoma cruzi
Trypanosoma cruzi, immunofluorescence of F vs. Y strain, host immunoglobulins attached to surface of F strain of bloodstream globulins during differentiation in culture medium

T[trypanosoma] cruzi
human T[trypanosoma] cruzi and S[chistosoma] mansoni, statistics of prevalence survey of single and mixed infections; evaluation of area control programs: municipio de Urbanos dos Palmares, Alagoas

Trypanosoma cruzi, illus.
Kongtong, P.; and Inoki, S., 1975, Kiseichu-gaku Zasshi (Japan. J. Parasitol.), v. 24 (5), 284-293
Trypanosoma cruzi, trypomastigotes, epimastigotes, method of entry into fibroblast cells and intracellular development, scanning electron microscopy

Trypanosoma cruzi, illus.
Trypanosoma cruzi, dogs, acute infection, detailed clinical and morphological data

Trypanosoma cruzi, illus.
Trypanosoma cruzi, 3 morphologic forms, surface charge characteristics and their use in separation of these forms, DEAE cellulose column chromatography, particle electrophoresis system

Trypanosoma cruzi
Trypanosoma cruzi in vitro lysis of bloodstream forms mediated by antibodies and complement, strain differences in susceptibility to lysis

Trypanosoma cruzi
Krizkova, L.; Balanova, J.; and Balan, J., 1979, Biologia, Bratislava, s. C, Biol. (1), v. 34 (3), 241-245
antiprototizal and antinematodal activity of Fungi imperfecti from soil samples collected in Mongolia

Trypanosoma cruzi, illus.
Trypanosoma cruzi, extensive survey of wild animals, triatomin bugs and humans for evidence of Chagas disease humans
Panstrongylus geniculatus
Rhopnius pictipes
Panstrongylus lignarius
Didelphis marsupialis
Philander opossum
Caluromys sp.
Mactirius sp.
Marmosa cinerea
Dasyuspus novemcinctus
Coendou spp.
Agouti paca
Dasyproctla sp.
Proechimys guyannensis
Oryzomys capito
Rattus rattus
Nasua nasua
all from State of Para, north Brazil

Trypanosoma cruzi, illus.
Lister, D. E., 1979, J. Protozool., v. 26 (3), 457-462
Trypanosoma cruzi, cultivation with Triatoma infestans embryo cell line, growth and differentiation

Trypanosoma cruzi
Trypanosoma cruzi, mice, T. lewisi antigen protected against infection but antigen fractions did not

T[trypanosoma] cruzi
Chagas disease, humans, extensive therapeutic review, current concepts

Trypanosoma cruzi
de Lederkremer, R. M.; et al., 1978, Biochem. and Biophys. Research Commun., v. 85 (4), 1268-1274
Trypanosoma cruzi, ceramide and inositol content of the lipopeptidophosphoglycan isolated from whole cells of epimastigote forms
Trypanosoma cruzi
Lemos, M. V. F.; and Menezes, H., 1978, Tropenmed. u. Parasitol., v. 29 (1), 119-126
Trypanosoma cruzi, development of immune state in mice injected with immune RNA (extracted from spleen of mice infected with avirulent PF strain), partial protective effect against virulent Y strain

Trypanosoma cruzi, illus.
Leon, L.; et al., 1978, Exper. Parasitol., v. 45 (2), 151-159
Trypanosoma cruzi, effect of olivacine in vitro on growth, on macromolecular synthesis, on ultrastructure, and on respiration of epimastigotes, in vivo activity does not parallel in vitro effects

Trypanosoma cruzi, illus.
Leon, W.; et al., 1979, Infect. and Immun., v. 26 (3), 1218-1220
Trypanosoma cruzi, simple method for obtaining amastigotes from infected mice, antibody-induced capping of amastigotes

Trypanosoma cruzi
Trypanosoma cruzi, humans with chronic infections, lampit, frequent side effects

Trypanosoma cruzi
Trypanosoma cruzi, humans, Ro 7-1051 therapy, side effects

Trypanosoma cruzi, illus.
Trypanosoma cruzi, discovery of parasite by Carlos Chagas, historical review

Trypanosoma cruzi
Trypanosoma cruzi, human, clinical features of acute disease with neurological involvement

Trypanosoma cruzi, illus.
Trypanosoma cruzi, human, prenatal infection which resulted in miscarriage, clinical report: Triangulo Mineiro, Minas Gerais, Brazil

Trypanosoma cruzi
Chagas myocarditis, acute human infection with resulting severe cardiac pathology, light and electron microscopic study

Trypanosoma cruzi
Trypanosoma cruzi, human, post-mortem diagnosis of chronic Chagas disease, evaluation of 3 serological tests on pericardial fluid (haemagglutination, fluorescent antibody, and complement fixation)

Trypanosoma cruzi
Trypanosoma cruzi, 1,4-naphthoquinone and 1,2-naphthoquinone derivatives, in vitro and in vivo (mice) evaluation of effects on growth, viability, and infectivity; in vitro studies also on Crithidia fasciculata

Trypanosoma cruzi
Trypanosoma cruzi, lysis of epimastigotes by eosinophils (entirely antibody-dependent) and neutrophils (significant antibody-independent component)

Trypanosoma cruzi, illus.
Trypanosoma cruzi, technique for hemoconcentration and staining that demonstrates trypanosomes in instances of low parasitemia, more sensitive than thick smears, hemoculture and xenodiagnosis

Trypanosoma cruzi, illus.
Trypanosoma cruzi, comparison of growth and development in 199 medium with inactivated calf serum or with chicken embryo cells at 37° and 33° C

Trypanosoma cruzi, illus.
Trypanosoma cruzi-infected rats, acetylcholine content and cholinergic innervation of heart

Trypanosoma cruzi
Trypanosoma cruzi, mice, immunization, females were more resistant to challenge infection than males

Trypanosoma cruzi
McHardy, N., 1978, Tropenmed. u. Parasitol., v. 29 (2), 215-222
Trypanosoma cruzi, mice, immunization, effect of chemical treatment or immune serum on epimastigote vaccine
Trypanosoma cruzi
Trypanosoma cruzi, mice, cross-immunization between 5 parasite strains using freeze-thawed vaccines containing epimastigotes of 1, 2, 3, or 5 strains; all except one of single-strain vaccines gave good protection against both homologous and heterologous challenges, inclusion of more than one strain in vaccine failed to increase protection and in some instances appeared to reduce it

Trypanosoma cruzi
Trypanosoma cruzi, mice immunized with killed antigens, comparison of challenge with bloodstream trypomastigotes from mice vs. metacyclic trypomastigotes from Rhodnius prolixus

Trypanosoma cruzi
Madeira, E. D.; et al., 1979, Infect. and Immun., v. 25 (1), 34-38
Trypanosoma cruzi, antibody-dependent cellular cytotoxicity of normal human blood cells against epimastigotes, main cytotoxic activity detected in granulocyte-rich fraction

Trypanosoma cruzi
Trypanosoma cruzi, human sera, indirect immunofluorescence used for detection of specific immunoglobulin levels (IgA, IgG, IgM)

Trypanosoma cruzi
Marcipar, A.; et al., 1979, IRCS J. Med. Sc., v. 7 (4), 178
Trypanosoma cruzi, immobilized antigens (using polyamide as immunoadsorbent matrix) in indirect enzyme antibody linked method, possible application in diagnosis and antibody isolation

Trypanosoma cruzi
Triatoma dimidiata capitata: Colombia people: San Joaquin, Dept. of Santander, Colombia

Trypanosoma cruzi
Marquez, J. G.; et al., 1977, Rev. Neurol. Argentina, v. 3 (3), 448-451
Trypanosoma cruzi, human, antibodies against neurons, endocardium, blood vessels, interstitium and nerves demonstrated in high percentage of cerebral spinal fluid from infected patients

Trypanosoma cruzi
Marr, J. J.; Berens, R. L.; and Nelson, D. J., 1978, Science (4360), v. 201, 1018-1020
Trypanosoma cruzi, antiprotozoal effect of allopurinol can be accounted for by its in vivo transformation into a toxic adenine analog by the parasite

Trypanosoma cruzi
First instar Dipetalogaster maximus as effective as 3rd instar Triatoma infestans used in xenodiagnosis of patients with chronic Trypanosoma cruzi, comparative experiments using pool technique for examination

Trypanosoma cruzi
Martinez, A.; et al., 1979, J. Med. Entomol., v. 11 (6), 653-657
Trypanosoma cruzi, control of vector Triatoma infestans in laboratory and in infected homes with malathion: Argentina

Trypanosoma cruzi
Trypanosoma cruzi, humans, association between epilepsy and chronic parasitic infection

Trypanosoma cruzi
Trypanosoma cruzi, rata, study of changes in enzymatic activity in the duodenal Auerbach's plexus

Trypanosoma cruzi
Trypanosoma cruzi, human, histopathology of myocardium, enzyme histochemical changes in Chagasic cardiomyopathy

Trypanosoma cruzi, illus.
Melo, R. C.; and Brener, Z., 1978, J. Parasitology, v. 64 (3), 475-482
Trypanosoma cruzi, distribution of intracellular parasites in organs and tissues of mice inoculated with 4 different strains, some aspects of tissue tropism related to physiological characteristics of bloodstream forms, importance of this distribution in pathogenesis of disease

Trypanosoma cruzi
Mendes, N. F.; et al., 1979, Transplant. Proc., v. 11 (2), 1304-1305
cross-reactions between Trypanosomatidae cell extracts and HLA antigens

Trypanosoma cruzi
Mendes, R. P.; Takehara, H. A.; and Mota, I., 1979, Exp. Parasitol., v. 48 (3), 345-351
Trypanosoma cruzi, mice with acute and chronic infection, homocytotropic antibody response to unrelated antigens, loss of T-cell regulatory mechanism may explain results

Trypanosoma cruzi
Trypanosoma cruzi, avirulence of cultivated Y strain, dogs and mice

Trypanosoma cruzi
Trypanosoma cruzi, cultivated Y strain, avarulence demonstrated by failure to infect immunosuppressed mice
Trypanosoma cruzi
Trypanosoma cruzi, attempts to immunize mice with ultraviolet radiated virulent and avirulent culture forms unsuccessful, presence of live parasites seems essential for successful immunization

Trypanosoma cruzi
Trypanosoma cruzi, cultivated Y strain (now PF strain), avirulence unaffected by successive inoculations into mice or by high doses of prednisolone used simultaneously

Trypanosoma cruzi
Trypanosoma cruzi, immunization of 2 adult volunteers with a live avirulent strain, possibility of active immunization without permanent infection

Trypanosoma cruzi
Trypanosoma cruzi, demonstration of avirulence of PF strain in mice vaccinated and treated with immunosuppressive drugs

Trypanosoma cruzi
Trypanosoma cruzi, immunosuppression by immunotolerance by inoculating avirulent PF strain in very high doses, mice

Trypanosoma cruzi
Trypanosoma cruzi, follow-up study of 2 volunteers successfully vaccinated with live avirulent PF strain of parasite

Trypanosoma cruzi
Trypanosoma cruzi, successful vaccination of 5 human volunteers using a live avirulent strain of parasite, clinical, parasitological, and serological tests remained negative over the 1-year testing period

Trypanosoma cruzi
Trypanosoma cruzi, enzyme electrophoresis reveals 3 discrete forms of parasite in Brazil including recently discovered type responsible for first autochthonous patients with Chagas' disease in Belém, Para state

Trypanosoma cruzi
Trypanosoma cruzi, exper. infections in rhesus monkeys, electrocardiographic and histopathologic changes

Trypanosoma cruzi
Trypanosoma cruzi, cultivated PF strain induced immunization in mice when injected by subcutaneous route

Trypanosoma cruzi
Trypanosoma cruzi, PF strain, avirulence in mice, protective effect against subsequent challenge with virulent strain

Trypanosoma cruzi
Trypanosoma cruzi, 2 humans vaccinated with avirulent strain, 5-year follow-up

Trypanosoma cruzi
Trypanosoma cruzi culture and blood stream forms, optical and electron microscopic observations on interactions with hamster peritoneal macrophages, blood forms observed to be wrapped by a conspicuous membrane and to multiply actively, culture forms were epimastigote folded upon themselves with invagination of periplast and electron-dense material inside and outside invaginations

Trypanosoma cruzi
Trypanosoma cruzi trypomastigotes, interaction with hamster peritoneal macrophages at optical and ultrastructural levels in vitro, possible mechanisms of parasite intracellular fate, strain differences

Trypanosoma cruzi
Trypanosoma cruzi, enzyme electrophoresis reveals 3 discrete forms of parasite in Brazil including recently discovered type responsible for first autochthonous patients with Chagas' disease in Belém, Pará state

Trypanosoma cruzi
Trypanosoma cruzi, exper. infections in rhesus monkeys, electrocardiographic and histopathologic changes

Trypanosoma cruzi, comparative xenodiagnosis using 3 species of triatomes and materials from natural and experimental infections of man and animals; results show that interspecific differences of bloodmeal size and intraspecific differences in susceptibility to infection between species of triatomies are limiting factors for standardization and interpretation of results


Trypanosoma cruzi, primary isolation by hemoculture of parasites from naturally infected Didelphis azarae, mice (exper.) and acute and chronic infections in humans; low proportion of successful isolations from human chronic infections due probably to lower parasitemia; hemoculture from chronic patients also differed markedly from other hosts in very slow growth-rate obtained which was probably due to continuing activities of humoral and cellular components in blood inoculum


Trypanosoma cruzi, method of processing blood cultures for use in diagnosis of chronic phase of Chagas disease


Trypanosoma cruzi, indirect hemagglutination test, adapted for use with capillary blood dried on filter paper, useful for epidemiologic field surveys


Trypanosoma cruzi, method of detection of experimental infections, culture methods vs. xenodiagnosis


Trypanosoma cruzi, xenodiagnosis, diagnostic parameters, numbers of trypomastigotes required to be ingested by triatomid bug to give rise to detectable infection


Trypanosoma cruzi, effects of low and high temperatures on development in triatomines


Trypanosoma cruzi-infected Triatoma infestans and T. vitticeps thought to be poor subject for actual use in diagnosis of human infections


Trypanosoma cruzi, conditions for inducing and maintaining trypomastigote activity in both resident and inflammatory mouse peritoneal macrophages maintained in vitro

Trypanosoma cruzi O'Daly, J. A.; and Aso, P. M., 1979, Exper. Parasitol., v. 47 (2), 222-231

Trypanosoma cruzi, Leishmania spp., factor in cell-free extracts that induces lysis of mammalian red cells and vero cells, postulated that this lytic factor is involved in penetration and damage produced by T. cruzi in vertebrate cells

Trypanosoma cruzi Olabuenaga, S. E.; et al., 1979, Cellular Immunol., v. 45 (1), 85-93

Trypanosoma cruzi, antibody-dependent cytolytic activity of epimastigotes by human polymorphonuclear leukocytes
Trypanosoma cruzi


Trypanosoma cruzi, theories attempting to prove that Chagas disease does not cause megalogastria or achalasia of the pylorus

Trypanosoma cruzi


Trypanosoma cruzi, human, epidemiological survey of 2 communities, infected Rhodnius prolixus found during vector search: northern Chiapas, Mexico

Trypanosoma cruzi, illus.


Trypanosoma cruzi, highly enriched liquid medium that can support growth of amastigotes at 37 C

Trypanosoma cruzi, illus.


Trypanosoma cruzi, amastigotes derived from culture in cell-free medium at 37 C are biologically and physiologically similar to intracellular amastigotes derived from natural infections in that both can multiply and complete the life cycle intracellularly

Trypanosoma cruzi, illus.


Trypanosoma cruzi, ultrastructure of morphogenesis in vitro and in vivo (mice)

Trypanosoma cruzi


Trypanosoma cruzi, cultivation in macromolecule-free semisynthetic and synthetic media

Trypanosoma cruzi


Trypanosoma cruzi, human, leucocyte migration inhibition test with 3 antigenic fractions and whole homogenate, flagellar fraction proved to be antigen of choice, low incidence of positive response in patients with cardiomyopathy when compared with asymptomatic but serologically positive patients

Trypanosoma cruzi


Trypanosoma cruzi, human, chronic infection, increased presence of mast cells in esophageal musculature

Trypanosoma cruzi, illus.

Pereira, N. M.; et al., 1978, Exper. Parasitol., v. 46 (2), 225-234

Trypanosoma cruzi, membrane and flagellar fractions, isolation and characterization: electron microscopy; enzyme composition; gel immunodiffusion test

Trypanosoma cruzi


Trypanosoma cruzi vectors (Triatoma, Rhodnius, Panstrongylus), vector species and stage interaction in feeding behavior, application to standardization and efficacy of xenodiagnostic procedures

Trypanosoma cruzi


Trypanosoma cruzi, effects of juvenile hormone analogues on developmental changes in Panstrongylus megistus vector triatomines, juvenilized bugs less susceptible to natural gut infection, potential for biological control

Trypanosoma cruzi, illus.


Trypanosoma cruzi, endemic in nearly all Central and South American countries facing Caribbean basin

Trypanosoma cruzi


Trypanosoma cruzi, comparison of 9 strains isolated from man, animals, and triatomin bugs, host pathology, virulence, infectivity, importance of strain differentiation: Brazil

Trypanosoma cruzi, illus.

Peters, W., 1974, Ciba Found. Symp., n.s. (20), 309-334

Trypanosomiasis, leishmaniasis, drug resistance, review

Trypanosoma cruzi

Pinchin, R.; et al., 1978, J. Econom. Entom., v. 71 (6), 950-955

Trypanosoma cruzi, 40 compounds bioassayed for juvenile hormone activity on Panstrongylus megistus

Trypanosoma cruzi


Trypanosoma cruzi, survey for infected triatomid vectors, Triatoma dimidiata maculipennis, T. phillosoma longipennis all from state of Yucatan, Mexico

Trypanosoma cruzi


Trypanosoma cruzi in vivo and in vitro, benzimidazole, effect on growth and viability, aerobic and anaerobic respiration, and synthesis of protein, RNA, and DNA

Trypanosoma cruzi

Ponce, C.; Trochez, H.; and Zeledon, R., 1975, Rev. Biol. Trop., v. 22 (2), 289-303

Trypanosoma cruzi, T. rangeli, single and mixed infections, epidemiologic survey of area infested with Rhodnius prolixus: Departamento Francisco Morazan, Honduras
Trypanosoma cruzi
Trypanosoma cruzi, diagnosis using complement fixation, results of tests from 3 different laboratories were compared and found to have substantial differences, study shows need for standardization of reagents and techniques

[Trypanosoma] cruzi
chronic Chagas infection with heart failure, cerebral pathology at autopsies compared with that of patients who died with idiopathic cardiomegaly

Trypanosoma cruzi
Trypanosoma cruzi; Toxoplasma gondii, humans, serological survey using the indirect hemaglutination test: Motul, Yucatan

Trypanosoma cruzi
Trypanosoma cruzi, diagnostic review of acute and chronic human cases: Yucatan, Mexico

Trypanosoma cruzi
Rhodnius prolixus, domiciliary biting frequency and blood ingestion estimated by combining laboratory and field information: Venezuela

Trypanosoma cruzi
Raeather, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypanosoma cruzi
Ramos, C.; et al., 1978, Exper. Parasitol., v. 45 (2), 190-199
Trypanosoma cruzi, infection in mice induces immunosuppression to both T-dependent and T-independent antigens, depression observed is not due to alteration in macrophage function

Trypanosoma cruzi
Ramos, C.; Schaedtler-Siwon, I.; and Ortiz-Ortiz, L., 1979, J. Immunol., v. 122 (4), 1243-1247
Trypanosoma cruzi, mice, infection elicits generation of T cells in spleen suppressive to T and B cell mitogenic responses

Trypanosoma cruzi
[Trypanosoma] cruzi, humans, pathologic pericardial alterations compared with those seen in rheumatic and hypertensive heart disease, analysis of changes of acute and chronic infection, study of changes in exper. infections in mice

Trypanosoma cruzi
Trypanosoma cruzi, extensive clinical trials testing efficacy of various nitrofurans (singly, mixed nitrofurans, or in association with primaquine), therapeutic response as based mainly on xenodiagnosis and the Guerreiro-Machado test showed nitrofurazone and especially Bayer 2502 to give best response

Trypanosoma cruzi
Reed, S. G.; Larson, C. L.; and Speer, C. A., 1977, Ztschr. Parasitenk., v. 52 (1), 11-17
Trypanosoma cruzi, mice immunized by Freund's adjuvant or oxazolone, acute infection suppressed cell-mediated immunity to these antigens; immunization with live T. cruzi before infection resulted in greater than normal oxazolone sensitivity, mice survived infection; inconclusive as to whether immunosuppression due to infection is directed toward induction or toward expression of cell-mediated response

Trypanosoma cruzi
Reed, S. G.; Larson, C. L.; and Speer, C. A., 1978, Infect. and Immun., v. 22 (2), 548-554
Trypanosoma cruzi, contact sensitivity responses in infected mice, results indicate that suppression of contact sensitivity during acute infection is directed toward effenter arm rather than afferent arm of response

Trypanosoma cruzi
Reis, A. P.; et al., 1976, Rev. Inst. Med. Trop. S. Paulo, v. 18 (6), 422-426
Trypanosoma cruzi, mice infected with different parasite strains, presence of delayed hypersensitivity demonstrated by leukocyte inhibition migration technique

Trypanosoma cruzi, illus.
Trypanosoma cruzi, new rodent reservoir hosts, isolated strain infective for mice, rats and triatomines in laboratory experiments
Oryxomys subflavus
Calomys tener
Zygodemontomy 1. lasiurus
Cercomys c. cunicularius
Thomasomys dorsalis collinus
all from northeastern region, State of Sao Paulo, Brazil

Trypanosoma cruzi, illus.
Trypanosoma cruzi from Sciurus aestuans in Yucatan, Mexico, pathogenic in baby rats and mice, infection in experimental animals compared and found to have substantial differences, study shows need for standardization of reagents and techniques

Trypanosoma cruzi
Syn.: T. akodon Carini & Maciel, 1915
T. cruzi strain isolated from Akodon nigritus pathogenic in baby rats and mice, infective for various species of triatomines: Ipanema, SP, Brazil
Trypanosoma cruzi, illus.

Trypanosoma cruzi, strain isolated from Akodon lasiotis, infective for mice and triatomines: Ribeirao Preto, Sao Paulo, Brazil

Trypanosoma cruzi, illus.

Trypanosoma cruzi, life cycle in haemocoel of Panstrongylus megistus, development either extracellularly in haemolymphatic fluid or intracellularly in haemocytes

Trypanosoma cruzi, illus.

Trypanosoma cruzi, 4 strains with morphologically different blood trypomastigotes, differences in development in coelomic cavity of Panstrongylus megistus (exper.)

Trypanosoma cruzi, illus.
Ribeiro dos Santos, R.; et al., 1979, Tropenmed. Parasitol., v. 30 (1), 10-23

Trypanosoma cruzi-infected humans, presence of IgG and IgM antibodies to neurons demonstrated by immunofluorescence test

Trypanosoma cruzi, illus.

Trypanosoma cruzi, comparative study of kinetoplast DNA in culture epimastigote, blood trypomastigote, and intracellular amastigote stages

Trypanosoma cruzi, illus.
Ritacco, V.; et al., 1977, Rev. Neurol. Argentina, v. 3 (3), 443-447

Trypanosoma cruzi, human, description of human serum gamma globulin factor associated with antibody against peripheral nerves

Trypanosoma cruzi, illus.

Trypanosoma cruzi, isolated from Callithrix geoffroyi (blood), possible reservoir host, pathogenic for mice, infection by monkey strain gives good resistance in mice against reinoculation with Y-strain of T. cruzi: Governador Valadares, MG, Brazil

Trypanosoma cruzi, illus.
da Rocha e Silva, E. O.; et al., 1977, Rev. Saude Publ., v. 11 (1), 87-96 [host uncertain]: insect colony, Moji Guacu

Trypanosoma cruzi

da Rocha e Silva, E. O.; et al., 1977, Rev. Saude Publ., v. 11 (2), 258-269

Triatoma sordida, preference for avian versus human blood

Trypanosoma cruzi

Rogerson, G. W.; and Gutteridge, W. E., 1979, Internat. J. Biochem., v. 10 (12), 1019-1025

Trypanosoma cruzi, mammalian and culture forms, oxidative metabolism

Trypanosoma cruzi

Romanha, A. J.; et al., 1979, Comp. Biochem. and Physiol., v. 62B (2), 139-142

Trypanosoma cruzi, isoenzyme patterns of 4 soluble enzymes in seven parasite stocks determined by electrophoresis, changes after prolonged subculture

Trypanosoma cruzi

Rowland, E. C.; and Kuhn, R. E., 1978, Infect. and Immun., v. 20 (2), 393-397

Trypanosoma cruzi, mice (2 strains of differing resistance), suppression of cell-mediated responses during infection, significance unclear

Trypanosoma cruzi

Rowland, E. C.; and Kuhn, R. E., 1978, J. Parasitol., v. 64 (4), 741-742

Trypanosoma cruzi, mice, suppression of anamnestic cellular responses in immunized animals, suppression shows nonspecific character, could be speculated that T. cruzi acts as tolerogen during infection resulting in anergic condition similar to desensitization

Trypanosoma cruzi


Chagas' disease, diagnosis, technique for preservation of red cells sensitized with Trypanosoma cruzi antigens to be used in indirect hemagglutination test

Trypanosoma cruzi


Trypanosoma cruzi, antibody production in mice inoculated with irradiated vs. non-irradiated culture forms of parasite

Trypanosoma cruzi


Trypanosoma cruzi, effect of radiation on morphology, motility, reproduction, virulence and immunization potential

Trypanosoma cruzi


Trypanosoma cruzi, cytotoxicity of normal rat spleen cells to antibody-coated epimastigotes studied by assaying release of tritium-labelled RNA, DNA, and protein

Trypanosoma cruzi

Sanderson, C. J.; and de Souza, W., 1979, J. Cell Sci., v. 37, 275-286

Trypanosoma cruzi, interaction with rat eosinophils, neutrophils, and macrophages in vitro, light and electron microscopy
Trypanosoma cruzi
Trypanosoma cruzi in Rhodnius prolixus, infectivity of a virulent PF strain compared with virulent Y strain

Trypanosoma cruzi
Trypanosoma cruzi, lymphocytes of mice inoculated with avirulent PF strain conferred immunity in mice (treated with immunosuppressive drugs or untreated) against infections with the virulent Y strain; newborn mice treated with immunosuppressive drugs showed no protection against the virulent strain

Trypanosoma cruzi
Leptomonas pessoai unable to infect immunosuppressed mice, L. pessoai of possible use in immunization against Trypanosoma cruzi

Leptomonas pessoai unable to infect immunosuppressed mice, L. pessoai of possible use in immunization against Trypanosoma cruzi

Trypanosoma cruzi
Trypanosoma cruzi, human, physiopathology of neuronal destruction, presence of IgG and IgM antibodies to neurons discovered in human serum, sequence of pathologic events detailed in infected mice

Trypanosoma cruzi
Leptomonas pessoai unable to infect immunosuppressed mice, L. pessoai of possible use in immunization against Trypanosoma cruzi

Trypanosoma cruzi
Trypanosoma cruzi, human, immunopathology of nervous system lesions

Trypanosoma cruzi
Trypanosoma cruzi, role of immune reactions in pathogenesis of Chagas’ disease, review

Trypanosoma cruzi
Trypanosoma cruzi, electrophysiological and histological study of skeletal muscles of chronically infected persons showed that a relevant proportion had motor unit involvement

Trypanosoma cruzi, illus.
Hematotropic parasites of Procyon lotor, carrier potential as related to translocation and release for hunting purposes, practice is considered biologically hazardous: southeastern United States
Procyon lotor: Glades County, Florida; Hillsborough County, Florida; Liberty County, Georgia; Brown County, Texas

Trypanosoma cruzi Schenone, H.; et al., 1977, Bol. Chileno Parasitol., v. 32 (3-4), 63-66
Trypanosoma cruzi, patient with chronic infection and chronic parasitemia, xenodiagnosis for study of diurnal and nocturnal periodicity

Trypanosoma cruzi
Trypanosoma cruzi, epidemiologic survey in rural and suburban areas, positive xenodiagnosis found in both humans and their domestic animals, infected T. infestans collected from dwellings, study of housing conditions favoring the presence of triatomids: Chile

Trypanosoma cruzi
Trypanosoma cruzi-infected mice inoculated with sheep red blood cells, alterations in immune response and their possible mechanisms

Trypanosoma cruzi
Trypanosoma cruzi, humans, immunoglobulin M, G, and A concentrations in treated acute Chagas’ disease

Trypanosoma cruzi
Trypanosoma cruzi, persistence of tissue-reacting (EVI) antibodies in nifurtimox-treated patients followed for several months to 2 years, implications for significance of EVI antibodies in pathogenesis of Chagas disease

Trypanosoma cruzi, illus.
Schmunis, G. A.; et al., 1978, Infect. and Immun., v. 20 (2), 567-569
Trypanosoma cruzi, induction of capping in blood-stage trypomastigotes by human specific antibody

Trypanosoma cruzi
Triatoma infestans, comparison of sampling techniques for domestic populations: Brazil

Trypanosoma cruzi
Triatominae, behavior, review

Trypanosoma cruzi
Schottelius, J., 1977, Tropenmed. u. Parasitol., v. 28 (4), 533-538
Trypanosoma cruzi, course of infection in non-splenectomized SPF rats with and without Haemobartonella muris infection
Trypanosoma cruzi, illus. 
Trypanosoma cruzi, rats, pathology of myocardial lesions

Trypanosoma cruzi 
Trypanosoma cruzi, mice, protective immunization using cell surface glycoprotein

Trypanosoma cruzi 
Trypanosoma cruzi, differences in susceptibility to infection in vector triatomines (Rhodnius, Panstrongylus, Triatoma) when fed on infected dogs, armadillo or white mice

Trypanosoma cruzi 
Trypanosoma cruzi, inhibitory action of SQ18506 against nucleic acid synthesis

Trypanosoma cruzi, illus. 
Sims, P.; and Gutteridge, W. E., 1979, Internat. J. Parasitol., v. 9 (1), 61-67
Trypanosoma cruzi, mode of action of SQ18506 considered to be inhibition of nucleic acid synthesis

Trypanosoma cruzi, illus. 
Trypanosoma cruzi, antigenic variation in strain isolated from the opossum (Didelphis azarae) as compared with strains from man and a wild dog (Cerdocyon thous azarae)

Trypanosoma cruzi 
Sims, P.; and Hudson, L., 1979, FEBS Letters, v. 100 (1), 166-170
Trypanosoma cruzi cell surface proteins: identification of one major glycoprotein

Trypanosoma cruzi 
Trypanosoma cruzi, T. rangeli, epidemiologic survey, vectors, reservoir hosts: Panama

Trypanosoma cruzi 
Trypanosoma cruzi from Panstrongylus humeralis, maintenance in laboratory mice and in culture media, concluded that P. humeralis is potential vector of Chagas' disease

Trypanosoma cruzi 
Sousa, W., 1979, J. Protozool., v. 26 (4), 551-557
Trypanosoma cruzi, epimastigote and trypanomastigote forms, ultrastructural localization of basic proteins

Trypanosoma cruzi 
Trypanosoma cruzi, epimastigote and trypanomastigote forms, ultrastructural localization of basic proteins

Trypanosoma cruzi 
de Souza, M. do C. M., 1974, Rev. Patol. Trop., v. 3 (3), 291-332
Leptomonas pessoai, antigenic relationships with other trypanosomatids, cross-protection of mice against Trypanosoma cruzi
Trypanosoma cruzi
de Souza, M. do C. M.; and Barbosa, W., 1972, Rev. Patol. Trop., v. 1 (4), 415-419
antigens of Crithidia fasciculata, Trypanosoma cruzi and Leishmania showed cross-reacting precipitating bands with the antigen of Leptomonas pessoi as demonstrated by the agar gel diffusion technique

Trypanosoma cruzi
de Souza, W.; et al., 1978, Exper. Parasitol., v. 45 (1), 101-115
Trypanosoma cruzi incorporates exogenous proteins by pinocytosis, pinocytic vesicles can fuse forming multivesicular structures, cell membrane and membranes of pinocytic vesicles and large multivesicular structures contain carbohydrates, many intramembranous particles in cell membrane but few or none in membranes of vesicles and multivesicular structures

Trypanosoma cruzi, illus.
Trypanosoma cruzi, fine structure morphology of epimastigotes maintained in acellular culture medium, cell division, observation of polysaccharide surface coat

Trypanosoma cruzi, illus.
Trypanosoma cruzi, invasive blood forms and non-invasive culture forms, ultrastructure of plasma membrane, freeze-fracture technique

Trypanosoma (Schizotrypanum) cruzi Chagas, 1909
Trypanosoma cruzi, fatty acid and amino acid composition of cruzin and trypanosa (antitumor preparations which are metabolic products of this protozoan)

Trypanosoma cruzi
Trypanosoma cruzi, human, diagnosis, comparison between indirect immunofluorescent and indirect immunoperoxidase tests

Trypanosoma cruzi
Trypanosoma cruzi, rhesus monkey infected for 29 years, detection of tissue-reacting antibodies similar to those described in human Chagas' disease

Trypanosoma cruzi
Trypanosoma cruzi, human, chronic myocarditis, electron microscopic study of heart muscle cells and interstitial tissue, description of types of lesions

Trypanosoma cruzi
human trypanosomiasis, electron microscopic study of pathologic changes resulting in megaesophagus interstitium

Trypanosoma cruzi
human Chagas' disease, megaesophagus, role of neurosecretory vesicular component

Trypanosoma cruzi
Trypanosoma cruzi, human, alterations of Auerbach plexus lesions of the esophagus, jejunum and colon, electron microscopy

Trypanosoma cruzi
Tandon, A.; Zahnner, H.; and Laemmli, G., 1979, Tropened. u. Parasitol., v. 30 (2), 189-193
Chagas' disease, human serum, new method for estimation of complement fixing antibodies (complement-enzyme linked immuno sorbent assay or CELISA) compared with haemolytic complement fixation, indirect haemagglutina-
tion, and ELISA

Trypanosoma cruzi
morphogenetic effects of precocene II on immature stages of Rhodnius prolixus

Trypanosoma cruzi
Trypanosoma cruzi, geographic distribution of infections and triatome vectors in Mexico

Trypanosoma cruzi
Chagas' disease, serum antibody titers, delayed skin response, inhibition of leucocyte migration by Trypanosoma cruzi antigen and by cross-reactive heart cell antigen, cytotoxicity of sensitized T-lymphocytes to parasitized human heart cells

Trypanosoma cruzi, illus.
Trypanosoma cruzi, children with apparent vs. inapparent acute Chagas' disease, clinical and laboratory findings, humoral antibody response, delayed-type skin responses, inhibition of leucocyte migration, serum proteins and immunoglobulins; demonstration of cell-mediated immunodepression in inapparent acute disease
Trypanosoma cruzi
Teixeira, J.; et al., 1975, Rev. Brasil. Med., v. 32 (4), 221-227
Chagas disease, human, resulting ventricular aneurysm, clinical case report, successful surgical repair: Bahia, Brazil

Trypanosoma cruzi, illus.
Tippit, T. S., 1978, Southwest. Vet., v. 31 (2), 97-104
Trypanosoma cruzi in dogs, review of etiology, pathogenesis, disease syndrome, macro- and microscopic findings, clinical features, diagnosis, treatment with Bayer 2502, and public health significance: Texas

Trypanosoma cruzi
Trager, W., 1974, Ciba Found. Symp., n.s. (20), 225-254
trypanosomes, leishmanias, nutrition and biosynthetic capabilities, problems of in vitro cultivation and differentiation, review

Trypanosoma cruzi
Trischmann, T.; et al., 1978, Exper. Parasitol., v. 45 (2), 160-168
Trypanosoma cruzi (Brazil strain), characteristics of resistant and susceptible strains of mice following challenge, results suggest a necessary association of natural resistance with the immune response, principal genetic determinant of resistance is not associated with H-2 haplotype

Trypanosoma cruzi
Turk, J. L.; and Belehu, A., 1974, Ciba Found. Symp., n.s. (25), 101-122
infectious diseases including leishmaniasis and Chagas' disease, evidence for immunological basis of spectra of clinical manifestations, review

Trypanosoma cruzi
Rhodnius prolixus fed on Trypanosoma cruzi-infected mice, refeeding experiments with secondary hosts (avian, mammals, reptiles) showed that parasite development in gut is inhibited in the insect and not dependent on type of blood supplied by refeeding

Trypanosoma (Schizotrypanum) cruzi
Trypanosoma cruzi, Venezuelan strain vs. Brazilian strain, factors influencing adaption, development, and multiplication in local race of Rhodnius prolixus vectors (laboratory strain originally from state of Guarico, Venezuela)

Trypanosoma cruzi
Trypanosoma cruzi, survey of 40 children with either acute Chagas disease or chagasic myocarditis, 5-year follow-up of relationship between therapy with lampit, electrocardiographic changes, and changes in body weight: San Salvador, El Salvador

Trypanosoma cruzi
differentiation of vector Triatomidae by veins in wings, application to epidemiology of human trypanosomiasis: Mexico

Trypanosoma cruzi
Trypanosoma cruzi, humans, associated bronchiectasis and pneumopathy, incidence survey: Brazil

Trypanosoma cruzi
Trypanosoma cruzi, results of insulin tolerance test in infected dogs showed that dogs had a hypoglycemia similar to that of humans with chronic infection, rats had responses similar to that of control group

Trypanosoma cruzi
Vilaalta, F. V.; and Leon, W., 1979, J. Parasitol., v. 65 (1), 188-189
Trypanosoma cruzi, purification by DEAE-cellulose column affects infectivity of blood forms

Trypanosoma cruzi
Walter, R. D.; and Ebert, F., 1979, J. Protozool., v. 26 (4), 653-656
Trypanosoma cruzi epimastigotes, evidence for NADH- and NADPH-linked glutamate dehydrogenases

Trypanosoma cruzi
Walter, R. D.; and Ebert, F., 1979, Tropennmed. u. Parasitol., v. 30 (1), 9-12
Trypanosoma cruzi, inhibitory effect of polyamines on parasite protein kinases activity

Trypanosoma cruzi
Warton, J.; and Modlinska, M., 1975, Acta Parasitol. Polon., v. 23 (1-11), 127-133
Trypanosoma spp., mice, rats, effect of acriflavine on dynamics of trypanosome population size and formation of dyskinetoplastic forms in host blood

Trypanosoma cruzi, illus.
Trypanosoma cruzi, humans, clinical review, recommendations for using lampit as therapy

Trypanosoma cruzi-like strain, illus.
Trypanosoma cruzi-like-strain, morphology, frequency and density of parasites in Sanguinus oedipus, infectivity to monkeys and rodents, no clinical or histopathological findings, parasitaemia, development in cell cultures, cyclical development in Rhodnius prolixus and Triatoma infestans

Sanguinus oedipus (nat. and exper.) (Blut): originally from Colombia
Ratten (exper.)
Maeuse (exper.)
Mastomys natalensis (exper.)
Meriones unguiculatus (exper.)
Rhodnius prolixus (exper.)
Triatoma infestans (exper.)
Trypanosoma cruzi
Trypanosoma cruzi, ecological survey of triatomine vectors disclosed close association of Rhodnius pallescens and Triatoma dimidiata with widely distributed palm tree species; Bidelphis marsupialis, Tamandua tetradactyla, and Proechimys semispinosus seen to be principal animal reservoirs: Panama

Trypanosoma cruzi
Trypanosoma cruzi, leishmanial forms found more frequently in cardiac fibers of men than of women, autopsy survey, possible explanations

Trypanosoma cruzi
House-dwelling triatomines, distribution and abundance, levels of infection with Trypanosoma cruzi and T. rangeli, impact of previous DDT and propropur spraying inside houses for malaria control: Rhodnius prolixus (feces) Triatoma dimidiata (feces) all from El Salvador

Trypanosoma cruzi
Activity of 16 novel 5-nitroimidazoles against protozoa in mice and golden hamsters, compared with metronidazole and tinidazole, structure-activity relationships

Trypanosoma cruzi, illus.
Trypanosoma cruzi, saline extract of Rhodnius prolixus bugs added to insect-oriented culture medium, large increases in trypomastigote forms, useful for Chagas disease studies

Trypanosoma cruzi
Trypanosoma cruzi in Triatoma protracta protracta, seasonal infection rates: Thousand Oaks, Ventura County, California

Trypanosoma cruzi
Trypanosoma cruzi epimastigotes, epoxide hydrolase, characterization, may be important in detoxication of drugs

Trypanosoma cruzi, illus.
Trypanosoma cruzi in tissue culture, purine metabolism in the intracellular phase of development; possible application to chemotherapeutic assays as during this period parasite exhibits greatest resistance to therapy

Trypanosoma cruzi, illus.
Trypanosoma cruzi, intra- and extracellular forms, pyrimidine metabolism

Trypanosoma cruzi
Trypanosomatids, excretion of urea or ammonia or both, varies according to genus, may be of taxonomic use

Trypanosoma cruzi, illus.
Trypanosoma cruzi, elderly man, case report, diagnostic difficulties because of few specific initial symptoms: Hunucma, Yucatan

Trypanosoma cruzi
Chagas' disease, epidemiology, modes of transmission, and reservoir hosts, review

Trypanosoma cruzi
Trypanosoma cruzi trypomastigotes, mice, infectivity of blood, culture, and insect forms by 6 routes

Trypanosoma cruzi
Trypanosoma cruzi epimastigotes, procedure for purification of adenyl cyclase-containing plasma membrane fraction, identity and purity of such membranes were assessed by biochemical and ultrastructural criteria

Trypanosoma (Schizotrypanum) cruzi cruzi Chagas 1909
"T. cruzi sensu stricto thus becomes the nominate subspecies"

Trypanosoma (Schizotrypanum) cruzi marinkellei sp. nov., illus.
Trypanosoma (Schizotrypanum) spp. from Microchiroptera, characterization by DNA buoyant densities and by electrophoretic patterns of 6 isoenzymes
Phyllostomum discolor: Sao Felipe, Bahia, Brazil; Venezuela (Caracas)?
P. hastatus: Abaetetuba, Para, Brazil
Carollia perspicillata: Rio Virilla, San Jose, Costa Rica

Trypanosoma cyclops
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Trypanosoma cyclops, illus.
Trypanosoma cyclops, mitosis, ultrastructure
Trypanosoma dionisii, illus.

Trypanosoma brucei, T. cyclops, application of scanning electron microscopic techniques to study of trypanosomiasis biology

Trypanosoma (Schizotrypanum) dionisii, Laveran & Mesnil, 1904
Bykova, I.; and Lom, J., 1979, J. Fish Dis., v. 2 (5), 381-390

Trypanosoma (Schizotrypanum) dionisii, histopathological changes

Trypanosoma (Schizotrypanum) dionisii

as syn. of Trypanosoma (Schizotrypanum) cruzi Chagas, 1909

Trypanosoma diemyctyli (Tobey)
Gill, D. E., 1978, J. Parasitol., v. 64 (5), 930-931

Trypanosoma dimorphon
Gill, B. S., 1977, Trypanosomes and trypanosomes of Indian livestock, 137 pp., illus.

Trypanosoma (Schizotrypanum) dionisii
Afnan, D.; et al., 1979, J. Parasitol., v. 65 (4), 507-514

Trypanosoma dionisii, effect of various agents (including temperature, complement, trypsin, cytochalasin B and immune plasma) on attachment and entry to mouse peritoneal macrophages in vitro, and subsequent morphogenesis; attachment occurred to non-specific receptors, entry by phagocytosis

Trypanosoma (Schizotrypanum) dionisii

Trypanosoma dionisii, extracellular growth in vitro at 37°C, influence of mouse peritoneal macrophages and calf sera

Trypanosoma dionisii
Ebert, F.; Schudnahis, R.; and Muehlpfordt, H., 1978, Tropenmed. u. Parasitol., v. 29 (1), 115-118

Trypanosoma dionisii, protein typing by disc electrophoresis

Trypanosoma dionisii, phagosome-lysosome fusion in macrophages, possible role in intracellular fate of ingested microorganisms, review including some information on parasitic protozoa

Trypanosoma (Schizotrypanum) dionisii

Trypanosoma dionisii, phagocytosis by mouse peritoneal macrophages in vitro and subsequent fate therein

Trypanosoma (Schizotrypanum) dionisii

Trypanosoma dionisii, T. vespertilionis, immunized mice, delayed-type hypersensitivity footpad response to homologous or heterologous species

Trypanosoma dionisii, illus.
Thorne, K. J. I.; et al., 1979, Parasitology, v. 79 (3), 367-379

Trypanosoma dionisii, phagocytosis and killing by human neutrophils, eosinophils, and monocytes, importance of specific antigen in this system

Trypanosoma dionisii
Thorne, K. J. I.; Svennensen, R. J. and Franks, D., 1978, Infect. and Immun., v. 21 (3), 798-805

Trypanosoma dionisii, cytotoxicity of granulocytes and lymphocytes to antibody-coated parasites, granulocytes (and probably also lymphocytes) kill the parasite with hydrogen peroxide by a peroxidase-mediated reaction

Trypanosoma duttonii

Mus musculus (Blut, Herz, Lunge): Neusiedlerseegebiet, nördlichen Burgenland

Trypanosoma elegans Brumpt (1906)
Letch, C. A., 1979, Parasitology, v. 79 (1), 107-117

Trypanosoma cobiitis 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 Hemiclipsis marginata), specific names T. phoxini, T. elegans, T. bartalaei, T. occidentalis, and T. langeroni "should be disregarded"

Trypanosoma enhydris Sinha and Mandal

Trypanosoma enhydris, virulence in Natrix stolata (exper.) and in Enhydris enhydris (nat. and exper.) after passage in Natrix stolata: Chakdah, Nadia Dist., West Bengal (India)

Trypanosoma equi

protozoa, techniques for microscopical diagnosis
Protozoa

Trypansosoma equinum
Trypansosoma equinum, T. lewisi, nucleic acids, cytochemical study

Trypansosoma equiperdum
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypansosoma equiperdum
Bowman, I. B. R., 1974, Ciba Found. Symp., n.s. (20), 255-284
trypanosomes, intermediary metabolism, review

Trypansosoma equiperdum Doflein, illus.
Cricthidia fasciculata, Trypanosoma equiperdum, T. lewisi, ultrastructure of flagellarattachment site, thin section, freeze-etch, and cytochemical techniques

Trypansosoma equiperdum
Trypanosoma equiperdum-infected guinea pigs (exper.), alterations in cardiac muscles, observations on ECG records, histological and histochemical estimations of glycogen content, pyruvic acid levels in blood, evidence of vitamin B1 deficiency

Trypansosoma equiperdum Doflein, 1901, illus.
Gill, B. S., 1977, Trypanosomes and trypanosomes of Indian livestock, 137 pp., illus.
extensive review

Trypansosoma equiperdum
Trypanosoma equiperdum, development in mouse embryos, no resistance by host animals, fatal infections in all

Trypansosoma equiperdum
Trypanosoma equiperdum, absence of transplacentinal passage in mice, comparison of similar results with congenital malaria in mice

Trypansosoma equiperdum
Trypanosoma equiperdum-infected white mice, survival of mice was not extended by administration of low molecular weight interferon inducers

Trypansosoma equiperdum, illus.
Hajduk, S. L., 1979, J. Cell Sc., v. 35, 185-202
Cricthidia fasciculata, Trypanosoma equiperdum, observations on dyskinetoplasly, possible mechanisms of acriflavine action

Trypanosoma equiperdum
Trypanosoma equiperdum, structure of kinetoplast DNA isolated from normal kinetoplastic, spontaneously dyskinetoplastic, and acriflavine-induced dyskinetoplastic strains

Trypanosoma equiperdum
Trypanosoma equiperdum, laboratory animals, treatment with irradiation (association of electromagnetic waves and magnetic field), immune response

Trypanosoma equiperdum
Trypanosoma equiperdum, immunodepressed mice cannot be cured by treatment with an association of electromagnetic waves and a magnetic field

Trypanosoma equiperdum
Trypanosoma equiperdum, mice, influence of host age on effectiveness of stimulation of its defenses by electromagnetic radiation, mature immune system is required

Trypanosoma equiperdum
Trypanosoma equiperdum, mice, influence of host age on effectiveness of stimulation of its defenses by electromagnetic radiation, mature immune system is required

Trypanosoma equiperdum
Trypanosoma equiperdum, mice, influence of host age on effectiveness of stimulation of its defenses by electromagnetic radiation, mature immune system is required
Trypanosoma equiperdum
Trypanosoma equiperdum, rabbits, active immunization with actinomycin D-inactivated parasites, complete protection from challenge inoculation of same stable, neutralization of trypanosomes with serum components from immunized rabbits

Trypanosoma equiperdum
isolation of rabbit IgM in high yield by convenient procedure using serum from Trypanosoma equiperdum-infected animals

Trypanosoma equiperdum
Wagner, E. D.; and Nembhard, P. A., 1976, Kiseichugaku Zasshi (Japan. J. Parasit.), v. 25 (1), 1-4
Trypanosoma spp., mice, protective and synergistic effects of concurrent infection with Trichinella spiralis

Trypanosoma evansi
Trypanosoma evansi, dromedary, isomotamidium chloride hydrochlorate, intravenous and intramuscular injections, toxicity

Trypanosoma evansi
Trypanosoma evansi, buffaloes (expers.), course of disease, symptoms, hematological values, gel precipitation tests; serological test necessary follow-up for negative blood smear

Trypanosoma evansi
Chandra, M. B.; et al., 1978, Haryana Med., v. 17 (2), 119-123
cattle, buffalo, outbreaks following floods described: southern Haryana

Trypanosoma evansi
Trypanosoma evansi, trypanosomes (expers.), identification, purification, and characterization of classes of surface glycoproteins which appear to be primary mediators of antigenic variations

Trypanosoma evansi
Gatapia, S. L.; et al., 1979, Haryana Agric., Univ. J. Research, v. 9 (1), 69-74
Trypanosoma evansi, dogs (expers.), clinicopathological changes, therapeutic trials with berenil and GB-82,658

Trypanosoma evansi
Gatapia, S. L.; et al., 1976, Philippine J. Vet. and Animal Sci., v. 2 (2), 84-88
Trypanosoma evansi, longevity in artificial medium at room and refrigerated temperatures

Trypanosoma evansi
Trypanosoma evansi from cattle and buffaloes, 3 biometric strains described: Philippines

Trypanosoma evansi
Gibson, W. C.; et al., 1978, Comp. Biochem. and Physiol., v. 60B (2), 137-142
Trypanosoma evansi, 10 isolates compared, isoenzymes, soluble proteins, polypeptides, free amino acids (starch gel electrophoresis, isoelectric focusing, SDS polyacrylamide electrophoresis, amino acid analysis)

Trypanosoma evansi
Trypanosoma evansi, comparative evaluation of 4 techniques for recovering trypanosomes from rat blood and of 5 methods of preparing antigen for use with complement fixation test using immune and convalescent sera of rabbits

Trypanosoma evansi
Trypanosoma evansi, mice treated with suramin for patent infection developed partial and transient immunity against weak but not heavy challenge infection, poor grade immunity was ascribed to weakness of trypanosoma antigen

Trypanosoma evansi
Trypanosoma evansi, rats, chemoprophylactic trials, 8 compounds tested

Trypanosoma evansi (Stein, 1885) Sahibian, 1888; illus.
Gill, B. S., 1977, Trypanosomes and trypanosomiasis of Indian livestock, 137 pp., illus. extensive review

Trypanosoma evansi
Trypanosoma evansi, sensitivity to human plasma; T. congolense, T. vivax, resistance to human plasma, suggests that latter 2 species might produce transient infection in man

Trypanosoma evansi Steel 1885
Trypanosoma evansi infection in imported capybara, study of virulence in laboratory animals
Hydrochoerus hydrochaeris: South American, imported into Belgium sources (expers.) hamsters " cobayes " rats " lapins "

Trypanosoma evansi
Luckins, A. G.; et al., 1979, Trop. Animal Health and Prod., v. 11 (1), 1-12
Trypanosoma evansi, camels (nat. and exper.), indirect fluorescent antibody test and microscale enzyme-linked immunosorbent assay compared with tests for detection of raised euglobulin levels: Sudan
Trypanosoma evansi

Trypanosoma evansi, goats (exper.), immunosuppression of response to Brucella abortus vaccinations, reversal after naganol treatment

Trypanosoma evansi, dogs (exper.), changes in peripheral blood T- and B-lymphocytes

Trypanosoma (Trypanozoon) evansi

human West African trypanosomiasis, suggested role of wind-dispersed Glossina in distribution, entomological and epidemiological evidence, implications for control operations, significance of these ideas in relation to origin of Trypanosoma brucei rhodesiense in Ethiopia and of T. evansi outside the tsetse zone

Trypanosoma evansi

Morales, G. A.; Wells, E. A.; and Angel, D., 1976, J. Wildlife Dis., v. 12 (4), 572-574
Trypanosoma evansi in Hydrochoerus hydrochaeris as reservoir host: Eastern Plains of Colombia

Trypanosoma evansi, illus.

Muehlpfordt, H., 1977, Protozoology, v. 3, 119-128

Trypanosoma evansi

Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypanosoma evansi

Trypanosoma evansi, buffalo calves (exper.), berenil, acriflavin, and antrycide prosalt, berenil most effective

Trypanosoma evansi

camels (blood): imported to United Arab Republic

Trypanosoma evansi

Trypanosoma evansi, description, epizootiology with special reference to lower Amazon region
Felis pardalis: Itaituba-Jacareacanga sector of Transamazon Highway, Para, Brazil

Trypanosoma evansi

Trypanosoma evansi, reservoir cattle, diagnosis, indirect fluorescent antibody technique

Trypanosoma evansi

Trypanosoma evansi, goats (exper.), immunosuppression of response to Brucella abortus vaccinations, reversal after naganol treatment

Trypanosoma evansi

trypanosomiasis, sample surveys to evaluate effects of Glossina eradication and mass trypanocide treatment of animals after 2 year period, recommendations: low-Chari Valley, Chad

Trypanosoma evansi

Trypanosoma evansi, bovines, 3 lines of treatment tested, best results with antrycide prosalt along with tranquilizer and antihistamine

Trypanosoma (Trypanozoon) evansi

trypanosome strains of subgenus Trypanozoon, comparison of variable antigenic types

Trypanosoma evansi

Trypanosoma evansi, buffalo and cow calves (both exper.), clinical findings, parasitaemia, hematological changes

Trypanosoma evansi

Trypanosoma evansi, albino rats (exper.), gross and histopathological changes

Trypanosoma evansi

Trypanosoma evansi, buffaloes and cows (exper.), gross and histopathological changes

Trypanosoma evansi

Trypanosoma evansi, albino rats (exper.), effect of prednisolone 7 days before infection on dynamics of trypanosome population

Trypanosoma evansi

Trypanosoma evansi, dogs (exper.), changes in peripheral blood T- and B-lymphocytes
Trypanosoma evansi (Steel, 1885)
Trypanosoma evansi, morphology, size variation in relation to host species, geographic location, infection density, and host resistance; phylogenetic origin

Trypanosoma evansi equinum, illus.
Vickerman, K., 1974, Ciba Found. Symp., n.s. (20), 171-198
Trypanosomatid flagellates, ultrastructure, review with emphasis on changes during life cycles

Trypanosoma evotomys
Cox, F. E. G., 1977, Protozoology, v. 3, 129-134
Clethrionomys glareolus

Trypanosoma gambiense
Trypanosoma gambiense, T. brucei, rats, induction of high level of immunity by administration of Freund's complete adjuvant a week before infection followed by cure with benenil

Trypanosoma gambiense
Trypanosoma gambiense, humans, neurologic and psychologic pathology, analysis of 50 cases: Kinshasa, Zaire

Trypanosoma gambiense
discussion on environmental implications of water development for developing countries: possibility of decreased human parasitism by improving potable water and by reducing human contacts with vectors of water-borne or water-based infections, also possibility of spread of parasitism through development of irrigation canals

Trypanosoma gambiense
African trypanosomiasis, humans, capillary tube indirect hemagglutination test, useful diagnostic tool for field surveys

Trypanosoma gambiense
Trypanosoma spp., geographic distribution, vectors, recommended therapeutic measures, review

Trypanosoma gambiense
Bowman, I. B. R., 1974, Ciba Found. Symp., n.s. (20), 255-284
Trypanosomases, intermediary metabolism, review

Trypanosoma gambiense
Trypanosoma gambiense, congenital infection diagnosed 48 hours after infant's birth: Republic of Zaire

Trypanosoma gambiense
Trypanosomiasis, humans, clinical presentation and histopathological findings of 5 cases, need for inclusion in differential diagnosis and use of confirmatory tests discussed: Witwatersrand, South Africa

Trypanosoma gambiense
Trypanosoma gambiense, fatal congenital infection in 12-day-old infant: Ngene, Kasongo, Republic du Zaire

Trypanosoma gambiense
Trypanosoma gambiense, methods for mass preparation of crude antigen and exoantigen from Cricetomys gambianus (exper.)

Trypanosoma gambiense
Dubuille, G.; and Malen, P., 1976, Rev. Infirm. Afrique Noire (49), 13-19
Trypanosoma gambiense, human, diagnosis by immunofluorescence, brief clinical review

Trypanosoma gambiense
Trypanosoma gambiense, humans, meningocerebralitis, clinical signs, pathology, diagnosis, case histories

Trypanosoma gambiense
Trypanosoma gambiense, epidemiology, problem of reservoirs in continuing transmission, man (symptomless carriers) as possible reservoir: Afrique Centrale

Trypanosoma gambiense
Trypanosoma gambiense, humans, T. brucei, rats, immune complexes, characterization by radioimmunoprecipitation

Trypanosoma gambiense
Trypanosoma gambiense, mice, immunogenic (protective) activity of antigens prepared from nontreated and trypsin-pretreated living parasites, immune responses in mice immunized with subcellular components of parasites

Trypanosoma gambiense
Gear, J. H. S.; and Measroch, V., 1971, Recent Advances Stud. Cardiac Struct. and Metab., v. 2, 141-163
Human filariasis, malaria and trypanosomiasis, etiology in endomyocardial fibrosis and other infective forms of myocarditis, review

Trypanosoma gambiense
Trypanosomases, particularly Trypanosoma gambiense, syringe-passaged and cyclically transmitted isolates, antigenic variations

Trypanosoma gambiense
Greenwood, B. M., 1974, Ciba Found. Symp., n.s. (25), 137-159
Plasmodium falciparum, Trypanosoma gambiense, Nigerian patients, immunosuppression, review
Trypanosoma gambiense

Trypanosoma gambiense extract, mitogenic activity, possible role of mitogenic factor in pathogenesis of hypergammaglobulinemia of African trypanosomiasis

Trypanosoma gambiense
Hansen, B. D., 1979, Exper. Parasitol., v. 48 (2), 296-304

Trypanosoma gambiense, membrane transport of amino acids

Trypanosoma gambiense
Janssens, P. G.; and Inoki, S., 1976, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 25 (2), 47-58

African trypanosomiasis, humans, clinical trials with nifurtimox

Trypanosoma gambiense

Trypanosoma gambiense, 16 strains isolated in Zaire, iodine, prophylactic and therapeutic trials in white rats

Trypanosoma gambiense

African trypanosomiasis, humans, clinical trials with nifurtimox

Trypanosoma gambiense

Trypanosoma gambiense, Crithidia luciliae, use as antigen for detection of antibodies to double-stranded DNA in immunofluorescence tests

Trypanosoma (Trypanozoon) gambiense, illus.
Muehlpfordt, H., 1977, Protozoology, v. 3, 71-74

Trypanosoma spp., cell surface labelling with cationic ferritin

Trypanosoma gambiense

African trypanosomiasis encephalitis, human, para-articular ossification as complicating factor, clinical aspects, case reports

Trypanosoma gambiense, illus.
Ono, T.; and Inoki, S., 1976, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 25 (2), 47-58

Trypanosoma gambiense-infected mice, interaction between trypanosomes and peritoneal cells after treatment with human serum, anti-trypanosome mouse serum, and acriflavine, electron microscopy

Trypanosoma gambiense
Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46

Parasitic protozoa, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypanosoma gambiense

Trypanosoma gambiense, humans, clinical trials with levofuraltadone and levofuraltadone hydrochloride, comparisons with benenil, follow-up reports: Kimpangu, Repubque du Zaire

Trypanosoma gambiense
Takayanagi, T.; et al., 1978, Exper. Parasitol., v. 44 (1), 82-91

Trypanosoma gambiense, neonatal rats receiving antibodies from female, protective, agglutinating, and phagocytosis-promoting characteristics of sera

Trypanosoma gambiense

Trypanosoma gambiense, T. rhodesiense, detection in human blood using column separation and membrane filtration

Trypanosoma gambiense

Trypanosoma gambiense, 3 protein kinases separated and characterized

Trypanosoma gambiense

Trypanosoma gambiense, 2 adenosine 3',5'-cyclic monophosphate-binding proteins, partial purification and some properties

Trypanosoma gambiense

Trypanosoma gambiense, humans, diagnosis, fluorescent antibody test, statistics of application to field survey

Trypanosoma gambiense

Trypanosoma gambiense, human, diagnosis, indirect fluorescent antibody test using T. gambiense, T. brucei, or T. congolense strains as antigen, standardization of easy technique to be used in mass surveys

Trypanosoma gasimogomedovi sp. n., illus.
Khalbulaev, K. Kh., 1971, Parasitologia, Leningrad, v. 5 (6), 551-555

Pungitius platingaster (blood): Tyuleni Island, Caspian Sea

Trypanosoma grayi Novy, 1906, illus.

Trypanosoma grayi, attachment to hindgut of Glossina tachinoides by hemidesmosomes, significance discussed
Trypanosoma grosi
Cox, F. E. G., 1977, Protozoology, v. 3, 129-134
Apodemus sylvaticus

Trypanosoma grosi
Apodemus flavicollis (Blut, Herz): Neusiedlerseegebiet, nordlichen Burgenland

Trypanosoma guiaensis sp. n., illus.
Froes, O. M.; et al., 1978, Rev. Brasil. Biol., v. 38 (2), 461-468
Plecostomus commersoni
Loricariichthys anus
(sangue of all): all from estuario de Guaiba, Rio Grande do Sul

Trypanosoma hippocum
Trypanosoma hippocum, importance of bats as reservoir hosts in epidemiology of zoonoses

Trypanosoma immanis sp. n., illus.
Froes, O. M.; et al., 1978, Rev. Brasil. Biol., v. 38 (2), 461-468
Loricariichthys anus (sangue): estuario de Guaiba, Rio Grande do Sul

Trypanosoma lamberchi Marinkelle, 1968, illus.
species inquirendae

Trypanosoma lamberchi Brumpt (1906)
Letch, C. A., 1979, Parasitology, v. 79 (1), 107-117
Trypanosoma cobitis should be regarded as a single species of trypanosome from 6 spp. of British fish on basis of morphology, iso-enzyme patterns, and cross-transmission (by syringe passage of culture forms and by leech vector Hemiclepsis marginata), specific names T. phoxini, T. elegans, T. barbatae, T. occidentalis, and T. langeroni "should be disregarded"

Trypanosoma lesourdi Leger and Porry, 1918
species inquirendae

Trypanosoma lewisi Kent, illus.
Crithidia fasciculata, Trypanosoma equiperdum, T. lewisi ultrastructure of flagellar attachment site, thin section, freeze-etch, and cytochemical techniques

Trypanosoma lewisi, illus.
Cherian, P. V.; and Dusanic, D. G., 1978, Exper. Parasitol., v. 44 (1), 14-25
Trypanosoma lewisi, distribution of surface antigens, movements of surface antigens induced by antibody, endocytosis of antigen-antibody complexes, ultrastructural observations

Trypanosoma lewisi
Trypanosoma equinum, T. lewisi, nucleic acids, cytochemical study

Trypanosoma lewisi
Dusanic, D. G., 1979, Internat. J. Parasitol., v. 9 (6), 577-583
Trypanosoma lewisi, rats, Trypanosoma musculi, mice, precipitin responses of immune hosts repeatedly infected, antigenic relationships of these 2 trypanosome species, microimmunodiffusion, crossed immunoelctrophoresis (CIE), and tandem CIE analyses

Trypanosoma lewisi
Elpidina, E. N.; Zaitseva, G. N.; and Krasheninnikov, I. A., 1979, Biokhimia, v. 44 (10), 1830-1841
Trypanosoma lewisi, histones from nuclei characterized in terms of chemical composition and RNA-polymerase activity

Trypanosoma lewisi
Trypanosoma lewisi, rats, method for assay of ablastin in serum, measurement of incorporation of H-TdR into T. lewisi DNA

Trypanosoma lewisi
Trypanosoma lewisi, rats, importance of monocytic phagocytic system in elimination of parasites during course of infection, relative importance of liver and spleen in removal of parasites, importance of specific antibody in uptake of parasites by liver, production of specific antibody during course of infection, effect of antibody and complement on parasites, fate of trypanosomes within chambers planted into peritoneal cavities of normal and immune rats

Trypanosoma lewisi, illus.
Ferrante, A.; and Jenkin, C. R., 1979, Cellular Immunol., v. 42 (2), 327-335
Trypanosoma lewisi, rat macrophages are able to ingest and then kill parasite in presence of specific antibody

Trypanosoma lewisi
Trypanosoma lewisi-infected rats, changes in activity of reticuloendothelial system

Trypanosoma lewisi
Rattus norvegicus (Blut, Herz, Lunge, Leber): Neusiedlerseegebiet, nordlichen Burgenland

Trypanosoma lewisi, illus.
Giannini, M. S.; and D'Alesandro, P. A., 1978, Science (4359), v. 201, 916-918
Trypanosoma lewisi forms caps at 0°C when incubated with rabbit IgG directed against surface IgG from rat host, host IgG (which is specific for parasite antigens) probably does not cause capping of these antigens in vivo
Trypanosoma lewisi, illus.

Trypanosoma lewisi, accumulation of antigen-specific host IgG as component of surface coat during course of infection in rat

Trypanosoma lewisi
Kinetoplastida spp., Plasmodium spp., conversion of dihydroorotate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Trypanosoma lewisi
Trypanosoma lewisi, blood and culture forms, T. conorhini, culture forms, isolation of DNA by 2 methods, characterization by GC base composition

Trypanosoma lewisi
Trypanosoma congolense, circadian rhythm in numbers of parasites in blood of laboratory rodents, indisputable rhythms not found in T. vivax, T. brucei, and T. lewisi

Trypanosoma lewisi
Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Trypanosoma lewisi
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

Trypanosoma lewisi, illus.
Trypanosoma lewisi, T. cruzi sensitized with specific antisera and complement, adherence to rat peritoneal cells; adherence is specific, without cross reactions; results suggest that phagocytosis as well as cytophilic antibodies plays a role in immunity

Trypanosoma lewisi
Trypanosoma cruzi, T. lewisi, cross-immunity studies in young mice and rats

Trypanosoma lewisi, illus.
Rattus norvegicus (pulmao): Rio de Janeiro, Guanabara

Trypanosoma lewisi
Trypanosoma cruzi, mice, T. lewisi antigen protected against infection but antigen fractions did not

Trypanosoma lewisi
Trypanosoma lewisi, rats, iron metabolism, serum iron and serum iron-binding capacity, diets with various levels of iron

Trypanosoma lewisi
Trypanosoma lewisi, feral isolate, comparative activity in albino vs. black rats (parasitemia, trypanosome cell size and reproductive development, trypanosome respiration), data show that albino rats were significantly more susceptible to infection than black rats

Trypanosoma lewisi
parasites of Rattus r. diardi, influence of human habitats on rat parasite fauna
Rattus rattus diardi (blood): Kuala Lumpur and nearby villages

Trypanosoma lewisi
Long, G. W.; and Dusanic, D. G., 1978, Exper. Parasitol., v. 44 (1), 56-65
Trypanosoma lewisi, serological reactivities of exoantigens and cellular antigens of bloodstream parasites from immunosuppressed rats (precipitation and agglutination tests), results suggest that likely result of immunosuppressing host is trypanosome antigen preparation that is more reactive serodiagnostic reagent

Trypanosoma lewisi
Mankau, S. K., 1975, Kiseichugaku Zasshi (Japan. J. Parasitol.), v. 24 (6), 379-384
Trypanosoma lewisi, white rats (exper.), sex differences in susceptibility to infection demonstrated, effect of gonadectomy and heterologous gonadal hormone treatment

Trypanosoma lewisi
Trypanosoma lewisi, complement activating factor(s), physiochemical characteristics of active components (carbohydrate-containing substance and lipid, possibly glyco lipid)

Trypanosoma lewisi
Nielsen, K.; et al., 1978, Experientia, v. 34 (1), 118-119
Trypanosoma lewisi-infected or decomplemented rats, increased susceptibility to Salmonella typhimurium infection; decomplemented rats subsequently infected with T. lewisi developed higher blood parasitemia than did normal T. lewisi-infected rats

Trypanosoma lewisi
Nielsen, K.; et al., 1978, J. Parasitol., v. 64 (3), 544-546
Trypanosoma congolense, T. lewisi, direct activation of complement

Trypanosoma lewisi
Trypanosoma lewisi, feral isolate, comparative activity in albino vs. black rats (parasitemia, trypanosome cell size and reproductive development, trypanosome respiration), data show that albino rats were significantly more susceptible to infection than black rats

Trypanosoma lewisi
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Rattus rattus diardi (blood): Kuala Lumpur and nearby villages

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Trypanosoma lewisi
Trypanosoma lewisi, complement activating factor(s), physiochemical characteristics of active components (carbohydrate-containing substance and lipid, possibly glyco lipid)

Trypanosoma lewisi
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Trypanosoma lewisi-infected or decomplemented rats, increased susceptibility to Salmonella typhimurium infection; decomplemented rats subsequently infected with T. lewisi developed higher blood parasitemia than did normal T. lewisi-infected rats

Trypanosoma lewisi
Nielsen, K.; et al., 1978, J. Parasitol., v. 64 (3), 544-546
Trypanosoma congolense, T. lewisi, direct activation of complement
Trypanosoma lewisi

Raether, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypanosoma lewisi

Schraw, W. P.; and Vaughan, G. L., 1979, Exper. Parasitol., v. 48 (1), 15-26
Trypanosoma lewisi, membrane function (glucose, leucine, and potassium transport; S' nucleotidase activity) in dividing and ablastin-inhibited trypanosomes

Trypanosoma lewisi

Trypanosoma lewisi, kinetoplast DNA associations, isolation and physico-chemical characterization

Trypanosoma lewisi

Trypanosoma lewisi, surface membrane antigen, isolation and characterization, protection of immunized rats against challenge

Trypanosoma lewisi

Warton, W.; and Molinski, M., 1975, Acta Parasitol. Polon., v. 23 (1-11), 127-133
Trypanosoma spp., mice, rats, effect of acriflavine on dynamics of trypanosome population size and formation of dyskinetoplastic forms in host blood

Trypanosoma lewisi

Trypanosoma lewisi, surface membrane antigen, isolation and characterization, protection of immunized rats against challenge

Trypanosoma lewisi

Camargo, E. P.; et al., 1978, Exper. Parasitol., v. 46 (2), 141-144
Trypanosoma lewisi, Leishmania, and Leptononas spp., enzymes of ornithine-arginine metabolism, existence of genus-specific enzyme patterns which may serve as biochemical markers in classification of Trypanosomatidae
Trypanosoma mega
Camargo, E. P.; Itow, S.; and Alfieri, S. C., 1979, J. Parasitol., v. 64 (6), 1978, 1120-1121
Trypanosomatidae, 18 spp. of 6 genera, proteolytic activities in cell extracts

Trypanosoma mega
26 trypanosomatid species, cultivation in new chemically-defined medium RE III

Trypanosoma mega
Galinari, S.; and Camargo, E. P., 1979, J. Parasitol., v. 64 (1), 1978, 5-10
Trypanosoma (Megatrypanum) megadermae

Trypanosoma megadermae
Rhinolopus hipposideros: Iran

Trypanosoma microti
Cox, F. E. G., 1977, Protozoology, v. 3, 129-134
Microtus agrestis

Trypanosoma microti
Microtus oeconomus (Herz)
M. agrestis (Lunge)
all from Neusiedlerseegebiet, nordlichen Burgenland

Trypanosoma minasense
Trypanosoma minasense, naturally infected marmosets, parasitemia has circadian rhythm with highest level at 16:00 hrs, natural vector may be hematophagous insect with preference for afternoon feeding Callithrix penicillata jordani C. geoffroyi all from Brazil

Trypanosoma mirigali (sp. nov.), illus.
Joshi, B. D., 1978, Indian J. Zoot., v. 17 (1), 1976, 5-10
Cirrha mirigala (plasma): River Gomati, Lucknow

Trypanosoma mugilicola n. sp., illus.
Becker, C. D.; and Overstreet, R. M., 1979, J. Fish Dis., v. 2 (6), 469-479
Mugil cephalus
Trinectes maculatus (blood of all): all from Mississippi Sound, Gulf of Mexico

Trypanosoma murmanensis
Trypanosoma murmanensis, longevity in marine leech, Johanssonia sp., infection can persist through 5-6 host feedings, survival attributed to residual stages in proboscis

Trypanosoma musculi
Albright, J. W.; and Albright, J. F., 1978, Infect. and Immun., v. 22 (2), 343-349
Trypanosoma musculi, in vitro growth in cultures of murine spleen cells, analysis of requirement for supportive spleen cells, demonstration of utility of this culture system for analysis of host immune responses against the trypanosome

Trypanosoma musculi
Trypanosoma musculi, mice, mechanisms of trypanosome-mediated suppression of humoral immunity, appears that soluble substances derived from parasites act directly on B lymphocytes or essential assistant cells rather than by activating suppressor T cells or macrophages

Trypanosoma musculi
Brooks, B. O.; and Reed, N. D., 1979, J. Reticuloendothel. Soc., v. 25 (3), 326-328
Trypanosoma musculi, nude and normal mice, trypan blue treatment, results suggest that macrophages may participate in early non-specific control of parasitemia and in immune clearance of parasitemia

Trypanosoma musculi
Cox, F. E. G., 1977, Protozoology, v. 3, 129-134
Trypanosoma musculi, T. b. brucei, Babesia microti, mice, interactions between parasites
Trypanosoma musculi

Trypanosoma musculi, precipitin responses of infected mice to exoantigens and cellular antigens

Trypanosoma musculi

Dusanic, D. G., 1979, Internat. J. Parasitol., v. 8 (4), 297-304

Trypanosoma musculi, precipitin responses of infected mice to exoantigens and cellular antigens

Trypanosoma musculi

Dusanic, D. G., 1979, Internat. J. Parasitol., v. 9 (6), 577-583

Trypanosoma musculi, mice, precipitin responses of immune hosts repeatedly infected, antigenic relationships of these 2 trypanosome species, microimmunodiffusion, crossed immunoelectrophoresis (CIE), and tandem CIE analyses

Trypanosoma musculi


Trypanosoma musculi, immunosuppressive and mitogenic effects, possible relationship of mitogenesis to immunosuppression and non-specific antibody formation associated with infections

Trypanosoma musculi

Robinett, J. P.; and Rank, R. G., 1979, Infect. and Immun., v. 23 (2), 270-275

Trypanosoma musculi, mice, splenomegaly is T cell-dependent and is the result of proliferation of B and/or T lymphocytes

Trypanosoma musculi

Watson, L. P.; and Lee, C. M., 1979, Ztschr. Parasitenk., v. 58 (3), 299-301

Trypanosoma musculi, absence of $^{51}$Cr binding to bloodstream trypomastigotes

Trypanosoma neinavana sp. n., illus.


Barbus grypus (blood): river Tigris, Mosul, Iraq

Trypanosoma ninae kohl-yakimov Yakimoff, 1918


[Sus scrofa]: Kashkadar'insk oblast

Trypanosoma occasionalis Becker (1967)

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 Hemiclipsis marginata), specific names T. phoxini, T. elegans, T. barbatulae, T. occasionalis, and T. langeroni "should be disregarded"

Trypanosoma occasionalis

Ollenschlaeger, B., 1975, Tieraerztl. Prax., v. 3 (1), 99-107

blood and other parasites of commercial fish, pathology, transmission, therapy, clinical review

Trypanosoma pancali n. sp., illus.

Mandal, A. K., 1975, Ang. Parasitol., v. 16 (2), 87-93

Mastacembelus pancalus (blood): India (Champahati; Parganas, West Bengal)

Trypanosoma phoxini Brumpt (1906)

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 Hemiclipsis marginata), specific names T. phoxini, T. elegans, T. barbatulae, T. occasionalis, and T. langeroni "should be disregarded"

Trypanosoma phyllostomae Cartaya, 1910


as syn. of Trypanosoma (Schizotrypanum) cruzi Chagas, 1909

Trypanosoma (Schizotrypanum) pipistrelli or Trypanosoma (Schizotrypanum) vespertilionis


Pipistrellus pipistrellus: Iran

Trypanosoma prowazekii Berenberg-Gossler, 1908


species inquirendae

Trypanosoma rabinowitschi


Cricetus cricutus (Blut, Herz): Neusiedlerseegebiet, nordlichen Burgenland

Trypanosoma rajaee


Raja erinacea: Whiting Bay, Maine

Trypanosoma rajaee Laveran and Mesnil, 1902, illus.


brief description

Raja erinacea: St. Andrews, New Brunswick; Woods Hole, Massachusetts

R. radiata: St. Andrews, New Brunswick (blood of all)

Trypanosoma (Herpetosoma) rangeli

Afchain, D.; et al., 1979, J. Parasitol., v. 65 (4), 507-514

Trypanosoma cruzi culture forms, antigenic make-up, comparison with saliarian and some other stercorarian trypanosomes and Leishmania using immunoprecipitation in gels and immunoelectrophoresis, identification of component specific to T. cruzi

Trypanosoma rangeli


Trypanosoma cruzi, T. rangeli, Panamanian villagers, diagnosis, microenzyme-linked immunosorbent assay, some serologic cross-reactivity between 2 species; comparison with complement xation, direct agglutination, and clinical diagnosis
Trypanosoma rangeli


Trypanosoma cruzi, T. rangeli, human blood samples being tested for malaria found to be positive also for trypanosomiasis, epidemiologic survey, determination of possible vectors: El Salvador

Trypanosoma rangeli


Trypanosoma rangeli from salivary glands and haemolymph of Rhodnius ecuadoriensis, successful preservation in liquid nitrogen, infective for mice after 30 days preservation, with subsequent normal cyclical transmission

Trypanosoma rangeli, illus.


Trypanosoma cruzi and T. cruzi-like strains, differentiation from T. rangeli but not from T. congolense by microimmunofluorescence using lectin of sponge (Aaptos papillata)

Trypanosoma rangeli, illus.


Trypanosoma rangeli in Rhodnius ecuadoriensis, confirmation of natural infection by dissection and by transmission to white mice, parasite developmental stages: Rhodnius ecuadoriensis (estomago, duodeno, intestino posterior, hemolinfa, glandulas salivares): Distrito de Cascaes, Provincia de Contumaza, Cajamarca, Peru

cumandongos albinos (sangue) (exper.)

Trypanosoma rangeli, illus.


Trypanosoma rangeli, Rhodnius ecuadoriensis experimentally infected by feeding on guinea pigs, capacity to transmit infection to mice by bite, but not by inoculation of forms eliminated in feces, parasite developmental periods: Rhodnius ecuadoriensis (fezes, tubo digestivo, hemolinfa, glandulas salivares) (exper.)
cobaias (sangue) (exper.)
cumandongos albinos (sangue) (exper.)

Trypanosoma rangeli, illus.


Trypanosoma rangeli in Panstrongylus herreri (exper.), intestinal and haemoceolic but not salivary gland infections, not considered natural vector

Trypanosoma rangeli-like trypanosomes, illus.


Trypanosoma rangeli-like trypanosomes, natural infection in Rhodnius ecuadoriensis, potential as vector for humans: State of Cajamarca, Peru

Trypanosoma rangeli, illus.


Trypanosoma rangeli, Peruvian strain, growth and development in Rhodnius ecuadoriensis (hemocele, glandulas salivares) (exper.)

Trypanosoma rangeli

Ebert, F.; Schudnagis, R.; and Muehlpfordt, H., 1978, Tropenmed. U. Parasitol., v. 29 (1), 115-118

Trypanosoma cruzi and other Trypanosoma spp., protein typing by disc electrophoresis

Trypanosoma rangeli


Trypanosoma cruzi, Leishmania donovani, L. braziliensis, cultured successfully in diphasic autoclaved medium of tryptose, glucose, mineral salts, vitamins, blood and agar; medium would not support growth of T. rangeli

Trypanosoma rangeli


Leishmania spp., Trypanosoma spp., commercially available liquid media for rapid cultivation

Trypanosoma rangeli Tejera, 1920

Herrer, A.; Wygodzinsky, P.; and Napan, M., 1972, Rev. Biol. Trop., v. 20 (1), 141-149

Trypanosoma rangeli, geographic distribution survey of vector Rhodnius ecuadoriensis: Amazonian and Pacific watersheds, Peru

Trypanosoma rangeli (Tejera, 1920), illus.


Panstrongylus megistus (conteudo intestinal): Ibagueguara, Estado de Alagoas, Brasil

Trypanosoma rangeli


Triatoma dimidiata capitata (salivary glands, hemolymph, intestine): Colombia (Depts. of Boyaca, Cundinamarca, Huila, and Santander) mice (blood) (exper.)

Rhodnius prolixus (salivary glands) (exper.)

people: San Joaquin, Dept. of Santander, Colombia

Trypanosoma rangeli Tejera, 1920

Panza Carpio, J. A., 1974, Rev. Fac. Farm., Univ. Central Venezuela (27), v. 14, 61-68

Trypanosoma rangeli, culture in diphasic autoclaved medium containing human albumin, implications for nutritional requirements

Trypanosoma rangeli


Trypanosoma cruzi, T. rangeli, single and mixed infections, epidemiologic survey of area infested with Rhodnius prolixus: Departamento Francisco Morazan, Honduras

Trypanosoma rangeli


Trypanosoma cruzi, T. rangeli, epidemiologic survey, vectors, reservoir hosts: Panama
Trypanosoma rangeli

House-dwelling triatomines, distribution and abundance, levels of infection with Trypanosoma cruzi and T. rangeli, impact of previous DDT and propoxur spraying inside houses for malaria control.

Rhodnius prolaxis (feces, hemolymph): El Salvador

Trypanosoma rangeli
Zeledon, R.; Ponce, C.; and Murillo, J., 1979, J. Parasitol., v. 65 (2), 275-279

Bradyusus griseus
Choloepus hoffmanni (spleen)
All from Costa Rica

Trypanosoma rangeli
Mesnil, 1901

Trypanosoma rhamdiae Splendore, 1910 nec Botelho, 1907
Froes, O. M.; et al., 1978, Rev. Brasil. Biol., v. 38 (2), 461-468

As syn. of Trypanosoma splendorei sp. n.

Trypanosoma rhamdiae Botelho, 1907, illus.
Froes, O. M.; et al., 1978, Rev. Brasil. Biol., v. 38 (2), 461-468

Description
Rhodnius sapo (sangue): estuario de Guaiba, Rio Grande do Sul

Trypanosoma rhodesiense

Trypanosoma spp., geographic distribution, vectors, recommended therapeutic measures, review

Trypanosoma rhodesiense
Bowman, I. B. R., 1974, Ciba Found. Symp., n.s. (20), 255-284

Trypanosomes, intermediary metabolism, review

Trypanosoma rhodesiense

Trypanosoma rhodesiense, human, specific treatment with suramin and mel B, adjuvant antimalarial treatment with chloroquine and proguanil; modifications of sleeping sickness therapy advocated on physio-pathological and epidemiological grounds: Luangwa Valley, Zambia

Trypanosoma rhodesiense

Sleeping sickness in children, epidemiologic data, age distribution, various therapeutic regimens, usefulness of antimalarial therapy administered simultaneously: Isoka, Zambia

Trypanosoma rhodesiense

Trypanosoma brucei, T. rhodesiense, human, prehistorical and historical background of trypanosomiasis in Africa with special reference to the Luangwa Valley

Trypanosoma rhodesiense

Trypanosoma rhodesiense infection in congenitally athymic (nuke) mice, reduced parasitemia and prolonged survival, active immunity after infection and cure or after immunization with irradiated organisms, results indicate that resistance of mice to T. rhodesiense infection is relatively independent of thymic lymphocyte function

Trypanosoma rhodesiense

Trypanosomiasis, humans, clinical presentation and histopathological findings of 5 cases, need for inclusion in differential diagnosis and use of confirmatory tests discussed: Witwatersrand, South Africa

Trypanosoma rhodesiense
Duffus, W. P. H.; et al., 1978, Infect. and Immun., v. 22 (2), 492-501

Theileria parva, Trypanosoma rhodesiense
14C-labeled chicken erythrocytes coated with proximal antigens form suitable targets for bovine antibody-dependent cell-mediated cytotoxicity assays

Trypanosoma rhodesiense

Trypanosoma rhodesiense-immunized mice, delayed-type hypersensitivity elicited, results suggest that T-cell activation was necessary component in protective response

Trypanosoma rhodesiense, illus.
Fleischer, N. K., 1979, Med. Welt., v. 30 (44), 1625-1630

Parasitic tropical diseases, humans, central nervous system involvement, clinical review

Trypanosoma rhodesiense

Trypanosoma rhodesiense, antibody-dependent cytotoxicity against trypanosomes mediated through alternative complement pathway

Trypanosoma rhodesiense, illus.
Gear, J. H. S.; and Measroch, V., 1971, Recent Advances Stud. Cardiac Struct. and Metab., v. 2, 141-163

Human filariasis, malaria and trypanosomiasis, etiology in endomyocardial fibrosis and other infective forms of myocarditis, review

Trypanosoma rhodesiense
Hill, G. C.; et al., 1978, Science (4369), v. 202, 763-765

Trypanosoma rhodesiense, infective cultures initiated and maintained in vitro on Chinese hamster lung cells, cultured trypanastigotes are infective for mice and rats and are morphologically similar to bloodstream trypanastigotes, in addition they possess L-α-glycerophosphate oxidase system characteristic of bloodstream forms
Trypanosoma rhodesiense
Kinnamon, K. E.; and Rane, D. S., 1978, Internat. J. Parasit., v. 8 (6), 515-523
Trypanosoma rhodesiense, mice, greater than 1 year protection from lethal infections by prophylactic drugs and active immunity

Trypanosoma rhodesiense
Trypanosoma rhodesiense, mice, activity of antitumor drugs against infection

Trypanosoma rhodesiense
Kinnamon, K. E.; Steck, E. A.; and Rane, D. S., 1979, J. Med. Chem., v. 22 (4), 452-455
Trypanosoma rhodesiense, mice, activity of benzyltriphenylphosphonium salts, toxicity at higher dose levels

Trypanosoma rhodesiense
African trypanosomiasis, humans, diagnosis, evaluation of enzyme linked immunosorbent assay, comparison with other seroimmunologic tests

Trypanosoma rhodesiense
Trypanosoma rhodesiense, 16-year-old girl, renal insufficiency after treatment with pentamidine: European visitor to Kagera park, Rwanda

Trypanosoma rhodesiense
Trypanosoma rhodesiense-infected rats, proliferative glomerulonephritis, hypocomplementemia, nucleic acid antibodies, feasibility of rat as model host

Trypanosoma rhodesiense
Mansfield, J. M.; and Bagasra, O., 1978, J. Immunol., v. 120 (3), 759-765
Trypanosoma rhodesiense, mice, B cell responses to helper T cell-independent and -dependent antigens, implications for mechanism of immune system dysfunction in chronic African trypanosomiasis

Trypanosoma rhodesiense
Morton, D. M.; Fuller, D. M.; and Green, J. N., 1973, Xenobiotica, v. 3 (4), 257-266
2-aryl-1,5-nitroimidazoles, metabolism and excretion in laboratory animals, activity against Trypanosoma rhodesiense

Trypanosoma (Trypanozoon) rhodesiense, illus.
Muehlpfordt, H., 1977, Protozoology, v. 3, 71-74
Trypanosoma spp., cell surface labelling with cationic ferritin

Trypanosoma rhodesiense
Powell, C. N., 1978, Experientia, v. 34 (11), 1450-1451
Trypanosoma rhodesiense, rats, inoculation with fraction 3, protection against challenge with T. brucei

Trypanosoma rhodesiense
de Raadt, P., 1974, Ciba Found. Symp., n.s. (20), 199-224
African trypanosomiasis, immunity and antigenic variation, clinical observations suggestive of immune phenomena, review

Trypanosoma rhodesiense
Raeher, W.; and Seidenath, H., 1977, Ztschr. Parasitenk., v. 53 (1), 41-46
parasitic protozoans, survival following prolonged storage in liquid nitrogen, some species successfully recovered after preservation for over 10 years

Trypanosoma rhodesiense
trypanocidal factor in normal human serum is associated with high density lipoprotein (HDL), comparison of susceptibility of Trypanosoma brucei and T. rhodesiense to lysis by human serum and human HDL

Trypanosoma rhodesiense
Sadun, E. H., 1974, Parassitologia, v. 16 (1), 53-56
Trypanosoma rhodesiense in Macaca mulatta, clinical, parasitological, hematological, pathological, and immunological studies

Trypanosoma rhodesiense
Shetty, R. V.; and Blanton, C. D., jr., 1978, J. Med. Chem., v. 21 (9), 995-998
2-substituted primaquine analogues synthesized and evaluated in laboratory animals against Plasmodium berghei, P. cynomolgi, Trypanosoma rhodesiense, Leishmania donovani and Schistosoma mansoni; significant activity was observed against P. berghei and L. donovani

Trypanosoma rhodesiense
Trypanosoma gambiense, T. rhodesiense, detection in human blood using column separation and membrane filtration

Trypanosoma rhodesiense
Trypanosoma rhodesiense-infected mice, spleen is major target organ for immunosuppression, suppression is attributable to emergence of suppressor macrophage population that is restricted to the spleen

Trypanosoma rhodesiense
Trypanosoma rhodesiense, ultrastructural alterations induced by treatment with DAPI (new diamidine trypanocide)
Trypanosoma rhodesiense
trypanocidal activity of antitumor antibiotics and other metabolic inhibitors, microtest for rapid preliminary assay in vitro, parasite motility and infectivity for mice are indexes respectively of respiration and glycolysis and of cell division, implications of results for combination chemotherapy and deposit prophylaxis (with polyoxanons)

Trypanosoma rotatorium (Mayer, 1843) Laveran and Mesnil, 1901, illus.
Bufo regularis: Illubabor Province, Ethiopia

Trypanosoma rotatorium Meyer, 1843
Leptodactylus ocellatus: Manguinhos, Guanabara

Trypanosoma rotatorium Mayer, 1843, illus.
da Costa, S. C. G.; and da Silva, A. M., 1969, v. 12 (5-6), 245-246
Trypanosoma rotatorium, polymorphism, cytological aspects

Trypanosoma rotatorium, illus.
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

Trypanosoma rotatorium complex, illus.
Trypanosoma rotatorium complex from frogs, experimental infection of hematophagous insects, course of development in Aedes aegypti gut, postulate transmission to frogs via ingestion of mosquitoes Aedes aegypti (intestine, stomach, hind gut) (Exper.)
Culex pipiens (exper.)
Colostethus trinitatis
Hyla crepitans (nat. and exper.)
Leptodactylus insularum (nat. and exper.)
L. macrosternum
L. sibilatrix
Pseudis paradoxus
all from Venezuela

Trypanosoma rotatorium (Mayer, 1843), illus.
description
Syn.: Amoeba rotatoria Mayer, 1893
Rana escalenta (Krev): CSSR

Trypanosoma sangmartini Garnham and Gonzalez, 1962, pro parte
as syn. of Trypanosoma (Schizontrypanum) cruzi
Chagas, 1909

Trypanosoma schulmani sp. n., illus.
Khaibulaev, K. Kh., 1971, Parasitologia, Leningrad, v. 5 (6), 551-555
Syn.: T. remaki part var. parva Laveran et Mesnil, 1901
Esso lucius (blood): estuary of Ural River, Sarat Peninsula, and Agrakhan Gulf, Caspian Sea

Trypanosoma seenghali (sp. nov.), illus.
Joshi, B. D., 1978, Indian J. Zoot., v. 17 (1), 1976, 5-10
Mystus seenghala (plasma): River Gomati, Lucknow

Trypanosoma serveti, illus.
Anolis fuscoauratus (sangre): selva amazonica, Huauco, Peru

Trypanosoma splendorei sp. n., illus.
Froes, O. M.; et al., 1978, Rev. Brasil. Biol., v. 38 (2), 461-468
Syn.: Trypanosoma rhamdiae Splendore, 1910 nec Botelho, 1907
Rhamdia quelen (sangue): rio Tiete, Sao Paulo

Trypanosoma stigmae sp. nov., illus.
Joshi, B. D., [1979], J. Animal Morph. and Physiol., v. 25 (1-2), 1978, 1-7
Puntius stigma: river Gomati [and/or] Chinhat lake of Lucknow district

Trypanosoma theileri
Trypanosomiiasis, N'dama cattle, observations on outbreaks, association with various epidemiological factors: western Nigeria

Trypanosoma theileri Laveran, 1902
Gill, B. S., 1977, Trypanosomes and trypanosomiasis of Indian livestock, 137 pp., illus.
extensive review

Trypanosoma theileri
protozoa, cattle, as cofactors in leukotic process

Trypanosoma theileri
Trypanosoma theileri, continuous cultivation at 37 C in bovine cell culture

Trypanosoma theileri Laveran, 1902, illus.
Trypanosoma theileri, cattle, frequent mixed infection with enzootic bovine leukosis, no correlation between diseases but common arthropod vector hypothesized: Belgium

Trypanosoma theileri
Trypanosoma theileri, attempt to infect Stomoxys calcitrans with culture forms unsuccessful

Trypanosoma theileri
Trypanosoma theileri, cattle (blood), incidence, seasonal distribution: Iran
Trypanosoma (Megatrypanum) theleri (Laveran, 1902), illus.
Schlafer, D. H., 1979, Cornell Vet., v. 69 (4), 411-425
Trypanosoma theleri, cattle, incidence, comparison with reports throughout the world: New York

Trypanosoma theleri Laveran 1902, illus.
Warenschia, M. W.; et al., 1978, Experientia, v. 34 (4), 473-475
Trypanosoma theleri, identification as contaminant in primary cultures of bovine retina, successful subculture for 2 passages in sub-confluent cultures, some nutritional requirements, when cultures reached confluency no trypanomastigotes or epimastigotes could be detected and attempts to recover trypanosomes from these cultures were unsuccessful

Trypanosoma (Megatrypanum) theleri, illus.
Wink, M., 1979, Internat. J. Parasitol., v. 9 (6), 585-589
Trypanosoma theleri, in vitro cultivation in semidifined insect and vertebrate cell culture media and in Glossina and vertebrate cell culture systems

Trypanosoma (Herpetosoma) ulanovi
Allactaga williamsi: Iran

Trypanosoma venezuelense
Trypanosoma venezuelense, rats, comparison of "true" and "false" prophylaxis using pentamidine, suramin and 98/202

Trypanosoma (Schizotrypanum) vespertilionis
Trypanosoma (Schizotrypanum) spp. from Microchiroptera, characterization by DNA buoyant densities and by electrophoretic patterns of 6 isozymes
Nyctalus noctula: East Anglia, England
Pipistrellus pipistrellus: Rollesby, Norfolk, England

Trypanosoma (Schizotrypanum) vespertilionis
Buttaglia, 1904
valid species

Trypanosoma (Schizotrypanum) vespertilionis
Epeticus ognevi
Myotis blythi
all from Iran

Trypanosoma (Schizotrypanum) vespertilionis or
Trypanosoma (Schizotrypanum) pipistrelli
Pipistrellus pipistrellus: Iran
Trypanosoma vivax
Trypanosoma vivax, mice, effective treatment with salicylhydroxamic acid + glycerol

Trypanosoma vivax
Trypanosoma vivax, sequence of antigenic variants in mice and goats

Trypanosoma vivax
Goodwin, G. W., 1974, Ciba Found. Symp., n.s. (20), 107-124
African trypanosomiasis, mechanisms of pathogenesis, review

Trypanosoma vivax
Trypanosoma congolense, T. vivax, cattle, factors affecting blood sampling for parasitemia and anemia (diurnal variation; ear-vein vs. Jugular-vein blood): The Gambia

Trypanosoma vivax
Kinetoplastida spp., Plasmodium spp., conversion of dihydroorotate to orotate, mechanism of reaction different in these 2 groups of protozoa, possible target of chemotherapeutic attack

Trypanosoma vivax
Hannon, R. H.; and Parr, C. W., 1978, Comp. Biochem. and Physiol., v. 60B (2), 177-181
Trypanosoma brucei, T. vivax, bloodstream forms, phosphoglucose isomerases, partial purification and characterization, comparison of the two species, many similarities in kinetic properties but differences in thermal stability and in isoelectric point

Trypanosoma vivax
Trypanosoma evansi, sensitivity to human plasma; T. congolense, T. vivax, resistance to human plasma, suggests that latter 2 species might produce transient infection in man

Trypanosoma vivax
Trypanosoma congolense, circadian rhythm in numbers of parasites in blood of laboratory rodents, indisputable rhythms not found in T. vivax, T. brucei, and T. lewisi

Trypanosoma vivax
Ilemobade, A. A.; and Blotkamp, C., 1978, Tropenmed. u. Parasitol., v. 29 (2), 443-450
Eperythrozoon ovis, sheep (exper.), pathologic changes in blood picture, concurrent or superimposed infection with Trypanosoma vivax did not affect growth of either parasite

Trypanosoma vivax, illus.
vanden Ingh, Ε. S. G. A. M.; and de Neijss-Bakker, M. H., 1979, Tropenmed. u. Parasitol., v. 30 (2), 239-243
Trypanosoma vivax-infected cattle, mononuclear pancarditis with extravascular trypanosomes, considered to be local immune response to these extravascular trypanosomes

Trypanosoma vivax
Trypanosoma vivax-infected sheep, free plasma amino acid profiles of infected sheep and the trypanosome organism, significance of amino acid changes in terms of host and parasite metabolism

Trypanosoma vivax
Kaaya, G. P.; et al., 1979, Tropenmed. u. Parasitol., v. 30 (2), 230-235
Trypanosoma vivax, T. congolense, serum from infected cattle inhibited bovine granulocyte/macrophage colony formation in methyl cellulose cultures, degree of inhibition appeared related to degree of parasitemia; no inhibitors of erythropoiesis were observed

Trypanosoma vivax
Cephalophus sylvicultrix
Trypanosoma vivax, all from Sierra Leone

Trypanosoma vivax
Trypanosoma vivax, Nigerian trade cattle, use of lorries for cattle transport from northern grazing areas to south-western markets, important factor in reduced infection rate: Nigeria

Trypanosoma vivax
Trypanosoma vivax, cattle, evaluation of parasitological diagnostic methods (thin and thick blood smear and lymph gland smear examination, haematocrit centrifuge technique, hypotonic lysis test, mouse inoculation)

Trypanosoma vivax
Trypanosoma spp., cattle, immunodiagnosis, micromodification of enzyme-linked immunosorbent assay, test did not distinguish between different trypanosome species but there were no cross-reactions with other protozoal antigens

Trypanosoma vivax
Trypanosomiasis, cattle, diagnosis, indirect fluorescent antibody test, enzyme-linked immunosorbent assay, and serum IgM levels compared: Liberia

Trypanosoma vivax
Trypanosomiasis, sheep (nat. and exper.), serum immunoglobulin levels during course of infection
Trypanosoma vivax

Trypanosoma vivax, T. congolense, determination of volume of parasites separated from cattle blood during first growth phase of infections

Trypanosoma (Duttonella) vivax

Trypanosoma vivax

Trypanosoma vivax, T. congolense, zebu and N'Dama cattle, pathology compared, N'Dama not as susceptible as zebu and some displayed a remarkable immunity: Missira, Senegal

Trypanosoma vivax
Trager, W., 1974, Ciba Found. Symp., n. s. (20), 225-254.

Trypanosoma vivax, illus.

Trypanosomatidae flagellates, ultrastructure, review with emphasis on changes during life cycles

Trypanosoma vivax, illus.
Vickerman, K., 1974, Ciba Found. Symp., n. s. (20), 53-80.

Trypanosoma vivax

Trypanosoma spp., cattle, mice, suppressed antibody response to louping-ill vaccine, value of diminazene therapy in alleviating this effect

Trypanosomatidae

Sero-diagnostic tests for Chagas disease performed on sera of patients with visceral leishmaniasis gave positive results with several immunologic methods, indicates "group-reactions" within Trypanosomatidae

Trypanosomatidae

Kinetoplastida, cultivation, review

Trypanosomatidae

Trypanosomatid flagellates, developmental stages, terminology, historical review

Trypanosomes
Becker, C. D.; and Overstreet, R. M., 1979, J. Fish Dis., v. 2 (6), 469-479.

Brevoortia patronus
Trachinotus carolinus
Microgolus undulatus
Prionotus tribulus
Citharichthys spilopterus
Trinectes maculatus
Symphurus plagius
(Blood of all): all from northern Gulf of Mexico
Trypanosomes, illus.
Trypanosomiasis, humans, clinical presentation and histopathological findings of 5 cases, need for inclusion in differential diagnosis and use of confirmatory tests discussed: Witwatersrand, South Africa

Trypanosomes
Identification of morphologically similar trypanosomes of mammals

Trypanosomes
Trypanosomes, particularly Trypanosoma gam- biense, syringe-passaged and cyclically transmitted isolates, antigenic variations

Trypanosome, illus.
Toxorhynchites splendens: Thailand

Trypanosomes
Notopterus notopterus
Puntius stigma
Cirrhina mrigala
Labeo bata
Wallago attu
Heteropneustes fossilis
Clarias batrachus
Mystus aor
M. seenghala
M. wittatus
Channa punctatus
C. gachua
Mastocembelus armatus
(blood of all): all from Lucknow (U.P.), India

Trypanosomes
Hippopotamid cyclops: Makokou (Gabon)

Trypanosomes
Carassius carassius: River Lee at Enfield, England

Trypanosome (subgenus Megatrypanum)
Taphozous nudiventris (blood): Iraq

Trypanosomes
[Trypanosoma] congolense, rapid automated cytofluorometric method of counting trypanosomes

Trypanosomes
Techniques used to separate cells and viruses reviewed and summarized (centrifugation, filtration, gel-filtration, counter-current distribution, chromatography), application to the isolation of trypanosomes discussed

Trypanosomes
Pyrrhula pyrrhula: near Tring, Hertfordshire

Trypanosomes
Haemobartonella muris infections of laboratory mice as problem in routine passage of trypanosomes, method devised to remove most of Haemobartonella from donor blood sample to be transferred to recipient

Trypanosomes
Trypanosome-infected fish, reduced serum alkaline phosphatase levels and lowered metabolic activity

Trypanosomes
Trypanosome-infected fishes, lowered serum cholesterol levels, possible causes

Trypanosomes
Trypanoplasm-like flagellates, free-living, possibly mistakenly identified as trypanosomes and Trichomonas, potential cause of confusion in diagnosis of human and animal diseases

Trypanosomes
Trypanosoma brucei, T. cyclips, application of scanning electron microscopic techniques to study of trypanosome biology

Trypanosomes, Malaysian isolates
Experimental infections in Rhodnius prolixus "suggested survival and not multiplication"
Macaca ira
M. nemestrina
all from Malaysia

Trypanosomes
In vitro feeding in rearing of tsetse flies

Trypanosomiasis
Trypanosomiasis, transhumance pastoral mobility of Fulani nomads as possible important factor in any future outbreaks: Kainji Lake area, Nigeria

Trypanosomiasis
Possible effect of human hemoglobin S on blood meal size of Rhodnius prolixus (vector of human South American trypanosomiasis)

Trypanosomiasis
Bailenger, J.; et al., 1972, Therapeutique, v. 48 (2), 117-128.
Dangers of cortisone therapy in the presence of human parasitic pathology, clinical review
Trypanosomiasis


trypanosomiasis, humans, problems in diagnosis and management emphasizing haematological and immunological aspects, clinical course in 5 cases, indications of continuation of immune complex process in spite of therapy that eradicates parasite: Voortrekkerhoogte, Tvl.

Trypanosomiasis


African trypanosomiasis, humans, capillary tube indirect hemagglutination test, useful diagnostic tool for field surveys

Trypanosomiasis


trypanosomiasis, successful use of Zebu work oxen in agricultural development of tsetse infested land, environmental conditions, epizootiology of trypanosomiasis in oxen and in Glossina morsitans, strategic drug use (alternation of diminazene acetate and isometamidium to control trypanosomes; rafxoanide to control helminths): Wollega province, western Ethiopia

Trypanosomiasis


human African and South American trypanosomiasis, currently used vector control measures

Trypanosomiasis


rhadiesiense sleeping sickness, humans, diagnostic review of 400 cases (blood smear, cerebro-spinal fluid smear, gland aspirate): Zambia

Trypanosomiasis


trypanosomiasis, human, chronic myocarditis, clinical pathology, causes of death

Trypanosomiasis

Cohen, S. S., 1979, Science (4410), v. 205, 964-971

development of selective chemotherapeutic agents exploiting biochemical differences between disease agents and their hosts, review, includes discussion of several tropical diseases

Trypanosomiasis


Toxoplasma gondii, trypanosomiasis, malaria, leishmaniasis, parasitic pathology of foetus, review

Trypanosomiasis

Desfontaine, M.; et al., 1979, Med. Trop., v. 39 (5), 509-516

trypanosomiasis, humans, current epidemiologic situation in 7 O.C.C.G.E. nations (Benin, Ivory Coast, Upper Volta, Mali, Niger, Senegal, and Togo)

Trypanosomiasis


trypanosomiasis, bovine, extensive description of control program, results, and prospects: region of Muda (Sofala district)

Trypanosomiasis

Duvallet, G.; et al., 1979, Med. Trop., v. 39 (5), 517-526

trypanosomiasis, humans, increased incidence in area of Vavoua, clinical, parasitological, and sero-immunological survey: Ivory Coast

Trypanosomiasis

Fernandes, W. J.; et al., 1972, Rev. Patol. Trop., v. 1 (1), 32-44

toxoplasmosis, serological testing of exceptional children, cross-reaction in children infected with American trypanosomiasis, no correlations found between mental diseases and these infections

Trypanosomiasis


African trypanosomiasis, human, current control measures: Republique populaire du Congo

Trypanosomiasis

Forattini, O. P.; et al., 1977, Rev. Saude Pub., S. Paulo, v. 11 (1), 73-86

Panstrongylus megistus, distribution patterns: areas in southern Brazil

Trypanosomiasis

Forattini, O. P.; et al., 1977, Rev. Saude Pub., S. Paulo, v. 11 (2), 199-215

Panstrongylus megistus, annual variations of nymph and adult populations and their mobility in artificial ecotopes: Brazil

Trypanosomiasis

Forattini, O. P.; et al., 1977, Rev. Saude Pub., S. Paulo, v. 11 (3), 362-374

population data on experimental colonies of Panstrongylus megistus and Triatoma sordida

Trypanosomiasis


African trypanosomiasis, human, current control measures: Republique populaire du Congo

Trypanosomiasis

Gill, B. S.; 1977, Trypanosomes and trypanosomiasis of Indian livestock, 137 pp., illus. extensive review

Trypanosomiasis


African trypanosomiasis, humans, diagnosis (radiology, electroencephalography, immunofluorescence, immunoelectrophoresis, electrophoresis)
Trypanosomiasis

Leishmania donovani, human, screening of sera for kala-azar using Crithidia sp. as antigen in indirect fluorescent antibody test, some positive reactions with L. tropica, cross-reactions at low titer with Chagas' disease and African trypanosomiasis

Trypanosomiasis

trypanosomiasis, leishmaniasis, bartonellosis, human, transmission by insect vectors, control, review: Peru

Trypanosomiasis

Huhn, J., 1977, J. Externe Veterinartagung, 217-227
trypanosomiasis, cattle, possible mechanisms of tolerance, use of resistant breeds as control measure, economic importance: West Africa

Trypanosomiasis

African sleeping sickness, historical review

Trypanosomiasis

African trypanosomiasis, humans, clinical trials with nifurtimox

Trypanosomiasis

principles of eradication or control of tsetse flies, review

Trypanosomiasis

antibody levels against several parasitic infections in Cercopithecus aethiops pygerythrus: South Africa

Trypanosomiasis

early records of trypanosomiasis in Nigerian livestock

Trypanosomiasis

trypanosomiasis, humans, statistical evaluation of immunological diagnostic findings

Trypanosomiasis

trypanosomiasis, human, hypothesis on transmission without tsetse flies (antitubercular treatment stimulated virility of trypanosomes in carriers, transmitted mechanically by mosquitoes or bedbugs): Ouahigouya, Republic de Haute-Volta

Trypanosomiasis

Mangenot, M.; et al., 1979, Med. Trop., v. 39 (5), 527-530
African trypanosomiasis, humans, detection of foci, ELISA vs. immunofluorescence

Trypanosomiasis

Mangenot, M.; et al., 1979, Med. Trop., v. 39 (5), 531-535
African trypanosomiasis, humans, possible use of immunoglobulin assay in confirming diagnosis (increased IgG and IgM) in persons suspected to be infected after testing with immunofluorescence or ELISA

Trypanosomiasis

African trypanosomiasis, lymphocyte dysfunction and immunosuppression (histopathological considerations; B cell function; T cell function; macrophage function), cellular bases of immunosuppression, review

Trypanosomiasis

African trypanosomiasis, human, potential of multiple health services in detecting and controlling infections: Kasongo

Trypanosomiasis

Moulton, J. E.; and Stevens, D. R., 1978, Am. J. Path. (433), v. 91 (3), 693-696
trypanosomiasis, Peromyscus maniculatus as laboratory model for human disease, review

Trypanosomiasis

African trypanosomiasis, children, classical features, frequency of central nervous system involvement: Zaire

Trypanosomiasis

ticks, cattle, significant increase in tick infestations and outbreaks of tick-borne diseases following collapse of dipping (1973-1978): African areas in Rhodesia

Trypanosomiasis

observations on Glossina m. mortisana or a tsetse disinfection piquet during rainy season (age composition, trypanosome infection rate, pregnancy rate, sex ratio, and settling behavior): Republic of Zambia

Trypanosomiasis

Palmero, H. A.; Caeiro, T. F.; and Iosa, D. J., 1977, Rev. Argent. Cardiol., v. 45 (5), 415-427
human trypanosomiasis, evaluation of age, sex and weight of Chagasic patients, possible effects on arterial blood pressure

Trypanosomiasis

effective and ineffective immune responses to parasites, evidence from experimental models, review with emphasis on malaria and trypanosomiasis

Trypanosomiasis

pancarditis with valvulitis in endomyocardial fibrosis and in human African trypanosomiasis, comparative study of 2 cases of each, possible relationship: Uganda
Trypanosomiasis
Ruitenber, E. J.; et al., 1977, Biomedicine, v. 26 (5), 515-54
human parasitic infections, enzyme-linked immunosorbent assay in diagnosis, brief review

Trypanosomiasis
African sleeping sickness, humans, current control measures, geographic distribution in Zaire

Trypanosomiasis
Schalm, O. W., 1979, Canine Pract., Santa Barbara, v. 6 (6), 46-49
trypanosomiasis, Leishmania donovani, and other uncommon blood disorders, dogs, case reports

Trypanosomiasis
trypanosomiasis, probably Gambian type, Swedish woman who had vacationed in Gambia, case report, discussion of possible risk of Europeans acquiring infection while touring African nations

Trypanosomiasis
18. Seminar on trypanosomiasis, (discussion groups on: protozoology, entomology including chemotherapy, immunology, pathology, epidemiology)

Trypanosomiasis
onchocerciasis, trypanosomiasis, paragonimiasis, humans, papers presented at the 8th Congress of the German Society of Tropical Medicine

Trypanosomiasis
gambian and rhodesian sleeping sickness, humans, serological and parasitological diagnostic methods, review

Trypanosomiasis
African trypanosomiasis, humans, various immunoserologic diagnostic tests, review

Trypanosomiasis
schistosomiasis, trypanosomiasis, malaria, potential and progress towards vaccines, review

Trypanosomiasis
Watanabe, Y., 1975, Rinsho Fujinka Sanka (Clin. Gynec. and Obst.), v. 29 (8), 625-628
pathological changes in human placenta due to infection, includes Toxoplasma gondii, Plasmodium, and trypanosomiasis

Trypanosomiasis
Kinetoplastida, cultivation, review

Trypanosomiasis, subgenus
identification of morphologically similar trypanosomes of mammals

Trypanosomiasis
trypanosome strains of subgenus Trypanozoon, comparison of variable antigenic types

Tuzetia debaisieuxi (Jirovec, 1943) [n. comb.], illus.
Maurand, J.; and Loubes, C., 1978, Ztschr. Parasitenk., v. 56 (2), 131-146
microsporidians from simulid larvae, ultrastructural studies simulid larvae: region languedocienne (Sud de la France)

Tuzetia debaisieuxi, illus.
Loubes, C., 1979, J. Protozool., v. 26 (2), 200-208
Microsporida, synaptonemal complexes demonstrated in 6 genera but not in Nosema, implications for life cycles

Unicauda sp.
Octomacrum spinum and Unicauda sp. in Campostoma anomalum (gills), prevalence and parasite load, sex of parasite, seasonal occurrence: Fourpole Creek, Cabell Co., West Virginia

Unicauda sp.
Myxosoma cerebralis, rabbits immunized with antigens extracted from mature spores or pre-stages, antisera and globulins used in fluorescent antibody techniques, direct fluorescent antibody test showed higher specificity than indirect FAT in cross reactions with other species of myxosporidians

Unikaryon minutum
Unikaryon minutum and Contortylchenchus brevicomi in Dendroctonus frontalis, incidence in live-trapped males vs. reared males and females; modified livetrap: Eglin AFB Forest, FL; near Athens, GA

Urophagus intestinalis
Moroff (1903)
as syn. of Hexamita intestinalis Dujardin, 1841

PROTOZOA
Vahlkampfia sp.
Naegleria and Acanthamoeba, incidence in aquaria, may be source of human infection: Belgium

Vahlkampfia sp.
Kadlec, V., 1979, J. Protozool., v. 25 (2), 235-237
15 strains of free-living amebae found in variety of domestic animals, 3 isolates tested were not pathogenic for laboratory animals, some features of isolates differed from those previously known for members of these genera
bull (preputial cavity)

Vahlkampfia sp., illus.
survey of swimming pools for presence of free-living amebae, potential danger for swimmers: Lyon

Vahlkampfia avara
Kadlec, V., 1979, J. Protozool., v. 25 (2), 235-237
15 strains of free-living amebae found in variety of domestic animals, 3 isolates tested were not pathogenic for laboratory animals, some features of isolates differed from those previously known for members of these genera
swine (nasal cavity)

Vahlkampfia enterica
Kadlec, V., 1979, J. Protozool., v. 25 (2), 235-237
15 strains of free-living amebae found in variety of domestic animals, 3 isolates tested were not pathogenic for laboratory animals, some features of isolates differed from those previously known for members of these genera
turkey (intestine)

Vahlkampfia inornata
Kadlec, V., 1979, J. Protozool., v. 25 (2), 235-237
15 strains of free-living amebae found in variety of domestic animals, 3 isolates tested were not pathogenic for laboratory animals, some features of isolates differed from those previously known for members of these genera
sow (nasal cavity)

Vahlkampfiidae [sp.], illus.
Rinaldi, L.; et al., 1979, Virginia Med., v. 106 (9), 670-673
Vahlkampfiidae [sp.], woman (brain), chronic primary amebic meningoencephalitis, case report: Smithfield, Virginia

Vahlkampfiidae
protozoa polluting tap water, concentration and identification in culture: Federal District, Mexico City

Vairimorpha new genus
Pilley, B. M., 1976, J. Invert. Path., v. 28 (2), 177-183
Microsporida: V. necatrix (Kramer, 1965) [n. comb.]

Vairimorpha
Knell, J. D.; and Zam, S. G., 1978, J. Invert. Path., v. 31 (3), 280-288
Nosema spp., double immunodiffusion techniques used to investigate taxonomic relationships between 6 different microsporidian isolates
"... Nosema necatrix isolates 942, 954, and 960 and Nosema plodiæ ... should be considered members of the genus Vairimorpha."

Vairimorpha necatrix (Kramer, 1965) [n. comb.] (tod), illus.
Pilley, B. M., 1976, J. Invert. Path., v. 28 (2), 177-183
Vairimorpha necatrix [n. comb.] in Spodoptera exempta, pathogenicity (occurrence of bacteriosis and cytoplasmic polyhedrosis virus), life cycle (disporoblastic life cycle at 25°C and both disporoblastic and octosporoblastic life cycle at 20°C), implications of polymorphism in relation to classification of Microsporida
Syns.: Thelohania diazoma Kramer 1965;
Nosema necatrix Kramer 1965
Spodoptera exempta (fat body) (exper.)

Vairimorpha necatrix (Kramer)
Chu, W. H.; and Jaques, R. P., 1979, Entomophaga, v. 24 (3), 229-235
Vairimorpha necatrix in Trichoplusia ni (exper.) (fat body, muscle tissue, midgut), symptoms, histopathology

Vairimorpha necatrix
Fuxa, J. R., 1979, J. Invert. Path., v. 33 (3), 316-325
Vairimorpha necatrix, interactions with bacterium, virus, and fungus in Heliothis zea (exper.)

Vairimorpha necatrix
Vairimorpha necatrix, mass production and storage methods

Vairimorpha necatrix (Kramer)
Ignoffo, C. M.; and Garcia, C., 1979, J. Econom. Entom., v. 72 (5), 767-769
Agrotis ipsilon, susceptibility to Vairimorpha necatrix and other entomopathogens

Vairimorpha necatrix (Kramer)
Nosema heliotidis and Vairimorpha necatrix, susceptibility of selected insect pests, spore dose levels necessary to obtain LD50 in selected host age levels
Heliothis zea
H. virescens
Spodoptera frugiperda
Galleria mellonella
(all exper.)

Vairimorpha necatrix
Kaya, Η., 1977, J. Invert. Path., v. 30 (2), 192-198
Vairimorpha necatrix (potential biological control agent), survival (infectivity) of spores exposed to sunlight, ultraviolet radiation, and high temperature, laboratory and field tests
Vairimorpha (Nosema) necatrix (Kramer)
Pleistophora sp., Vairimorpha necatrix, retention of infectivity after passage through gut of Zelus exsanguis
Spodoptera frugiperda
Estigmene acrea (exper.)

Vairimorpha necatrix
Vairimorpha necatrix, storage of infective spores in antibiotic solution at 4°C

Vauochomia nephritica Mueller, 1938, illus.
Syn.: Trichodina (Vauochomia) nephritica Lom, 1958
trichodinids endoparasitic in fishes, survey of literature records together with some new observations
Esox masquinongy: Chautauqua Lake, New York

synonymy
trichodinids endoparasitic in fishes, survey of literature records together with some new observations
Esox niger: Oneida Lake, New York

Vexillifera bacillipes Page, 1969, illus.
Vexillifera bacillipes pathogenic to rainbow trout, morphology of culture specimens, free-living and endozoic forms compared
rainbow trout (kidney lesions): hatchery, Italy

Wardia schulmani sp. n., illus.
Bocharova, T. A.; and Donets, Z. C., 1974, Parazitologiia, Leningrad, v. 8 (1), 74-76
Acerina cernua (kidney tubules): Tukhemitor lake (middle course of Vasiugan river)

Weiseria spinosa Golberg, 1971
Culex theileri: southern Ukraine

Wenyonella baghdadensis sp. n., illus.
Nesokia indica (feces): Baghdad district, Iraq

Xysteroides subgen. n.
subgen. of Zelleriella
type sp.: Zelleriella (Xysteroides) telma-tobii Metcalf, 1923

Xysteroides
subgen. of Zelleriella, key
Zelleriella Metcalf, 1920
Opalininae
- includes: Xysteroides subgen. n.; Promitotica subgen. n.; Zelleriella Metcalf, 1920
- Antunesia subgen. n.; Cornucopioides subgen. n.

Zelleriella Metcalf, 1920
Opalininae, key
to subgenera

Zelleriella Metcalf, 1920
- Zelleriella, subgen. Promitotica, Antunesia, and Cornucopioides, synopsis of Brazilian species

Zelleriella Metcalf, 1920
- Zelleriella, subgen. Zelleriella, synopsis of Brazilian species

Zelleriella Metcalf, 1920
- synopsis of recent species

Zelleriella Metcalf, 1920
- Hegneriellina [sic]

Zelleriella Metcalf, 1920
- type sp.: Zelleriella (Zelleriella) antilliensis (Metcalf, 1914) Metcalf, 1923

Zelleriella
- subgen. of Zelleriella, key

Zelleriella Metcalf, 1920
- subgen. of Zelleriella
- key to species

Zelleriella sp. Metcalf, 1923
- as syn. of Zelleriella (2.) ovonucleata Metcalf, 1940

Zelleriella sp.
Amaro, A.; Sena, S.; and dos Santos, E., 1968,
- Ateleopus moreiraae: Veu da Noiva, Maromba, em Itatiaia, no Estado do Rio de Janeiro, Brasil

Zelleriella sp.
Amaro, A.; Sena, S.; and dos Santos, E., 1968,
- Hyla cuspidata: Recreio dos Bandeirantes, Lagoinha das Taxas, na cidade do Rio de Janeiro, Estado da Guanabara, Brasil

Zelleriella (Zelleriella) antilliensis (Metcalf, 1914) Metcalf, 1923 (tod of subgen.), illus.

Zelleriella (Zelleriella) antilliensis (Metcalf, 1914), Metcalf, 1923
key

Zelleriella (Zelleriella) antilliensis (Metcalf, 1914) Metcalf, 1923, illus.
- Syn.: Opalina antilliensis Metcalf, 1914

Zelleriella (Antunesia) antunesi Pessoa, 1934 (tod of subgen.), illus.

Zelleriella (Antunesia) antunesi, 1934
key

Zelleriella (Antunesia) antunesi quadrata Metcalf, 1940

Zelleriella (Antunesia) artigasi Unti, 1935
key

Zelleriella (Zelleriella) boipevae Carini, 1938
key

Zelleriella (Zelleriella) bolivari Beltran, 1941, illus.
- brief description

Zelleriella (Zelleriella) brasiliensis (Pinto, 1918) Metcalf, 1940
key

Zelleriella (Zelleriella) brasiliensis (Pinto, 1918) Metcalf, 1923, illus.
- Syn.: Opalina brasiliensis Pinto, 1918

Zelleriella (Zelleriella) carinii Otamendi, 1945, illus.
- brief description
- Bufo arenarum: La Plata, provincia de Buenos Aires, republica Argentina

Zelleriella (Promitotica) cariosoma Amaro, 1964 (tod of subgen.), illus.
Zelleriella (Zelleriella) casinae Boisson, 1966
brief description

Zelleriella (Antunesia) caudata Carini, 1938
key

Zelleriella (Cornucopioides) corniola Carini, 1938
key

Zelleriella (Cornucopioides) cornucopia Carini, 1933
(tod of subgen.), illus.

Zelleriella (Cornucopioides) cornucopia Carini, 1933
key

Zelleriella (Zelleriella) casinae

Zelleriella (Zelleriella) freitasi Amaro, 1965
key

Zelleriella (Zelleriella) freitasi Amaro, 1964
key

Zelleriella (Zelleriella) frolanoi Uttanei, 1951, illus.
key

Zelleriella (Zelleriella) freitasi Amaro, 1966
brief description

Zelleriella (Zelleriella) indica Uttangi, 1961, illus.
brief description

Zelleriella (Zelleriella) jaegeri Carini, 1938
[i. e. 1933]
key

Zelleriella kyii n. sp. (Fig. 3 of Delphin et al., 1972)
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Kaloula pulchra: Burma

Zelleriella (Zelleriella) leptodeirae Beltran, 1941, illus.
brief description

Zelleriella (Zelleriella) louisianensis Chen, 1948

Zelleriella magna Carini, 1938
as syn. of Zelleriella (Z.) proterocarya
Amaro, 1964

Zelleriella mandalayensis n. sp. (Fig. 2 of Delphin et al., 1972)
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Microhyla ornata: Burma

Zelleriella (Zelleriella) menendezii Schouten, 1934
brief description

Zelleriella (Zelleriella) microhylae Uttangi, 1951, illus.
brief description

Zelleriella nucleolata sp. n., illus.
Leptodactylus saccatus (intestino grosso (regiao cecal)): Manguinhos, Rio de Janeiro, Estado da Guanabara, Brasil

Zelleriella (Zelleriella) frolanoi Uttagani, 1951, illus.
brief description

Zelleriella (Zelleriella) indica Uttangi, 1961, illus.
brief description

Zelleriella (Zelleriella) jaegeri Carini, 1938
[i. e. 1933]
Key

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Zelleriella (Zelleriella) ooi n. sp.

Leptodactylus ocellatus (intestino cecal)): Manguinhos, Rio de Janeiro, Estado da Guanabara, Brasil

Zelleriella (Zelleriella) frolanoi Uttagani, 1951, illus.
brief description

Zelleriella (Zelleriella) indica Uttangi, 1961, illus.
brief description

Zelleriella (Zelleriella) jaegeri Carini, 1938
[i. e. 1933]
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brief description

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Amaro, 1964

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Zelleriella (Zelleriella) menendezii Schouten, 1934
brief description

Zelleriella (Zelleriella) microhylae Uttangi, 1951, illus.
brief description

Zelleriella nucleolata sp. n., illus.
Leptodactylus ocellatus (intestino grosso (regiao cecal)): Rio Bonito, Estado do Rio de Janeiro, Brasil

Zelleriella (Antunesia) nucleolata Amaro & Sena, 1967, illus.

Zelleriella ooi n. sp. (Fig. 4 of Delphin et al., 1972)
Earl, P. R., 1979, Tr. Am. Micr. Soc., v. 98 (4), 549-557
Tylototriton verrucosus: Burma
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Zelleriella (Zelleriella) ovonucleata Metcalf, 1940
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Zelleriella (Zelleriella) ovonucleata Metcalf, 1940, illus.
synonymy

Zelleriella ovonucleata bufonis Metcalf, 1940
as syn. of Zelleriella (Z.) ovonucleata Metcalf, 1940

Zelleriella paulista (Pinto, 1926) comb. n., illus.
Syn.: Opalina paulista Pinto, 1926

Zelleriella (Zelleriella) pfitzneri Chen, 1948
Amaro, A., 1964

Zelleriella (Zelleriella) proterocarya Amaro, 1964

Zelleriella (Zelleriella) proterocarya Amaro, 1964,
key

Zelleriella (Zelleriella) proterocarya Amaro, 1964,
illus.
Syn.: Zelleriella magna Carini, 1938

Zelleriella (Zelleriella) siphonopsi Carini, 1923
key

Zelleriella (Xysteroides) telmatobii Metcalf, 1923 (tod of subgen.), illus.

Zelleriella (Zelleriella) truncata Carini, 1938
key

Zelleriella (Zelleriella) uruguaensis Metcalf, 1940
key

Zelleriella (Zelleriella) uruguaensis quadrata Metcalf, 1940
key

Zschokkella embiotsoidis sp. n., illus.
Gobius botricophalus Scorpaena porcus
(gall bladder of all): all from Black Sea

[Pelecus cultratus] (gall bladder): Kamsk reservoir

Zschokkella orientalis 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 Azabache, Kamchatka

Zygocystis pterotraceae Stuart, 1871
Levine, N. D., 1979, J. Protozool., v. 26 (4), 532-536
as syn. of Molluskocystis pterotraceae (Stuart, 1871) comb. n.

Zygocystis violacea sp. n., illus.
Libyodrilus violaceus (perivisceral coelom): Ibadan, Western Nigeria

Zygocystis violacea sp. n., illus.
Libyodrilus violaceus (perivisceral coelom): Ibadan, Western Nigeria