

# INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY

SUPPLEMENT 21, PART 2

PARASITE-SUBJECT CATALOGUE  
PARASITES: PROTOZOA



UNITED STATES  
DEPARTMENT OF  
AGRICULTURE

PREPARED BY  
SCIENCE AND  
EDUCATION  
ADMINISTRATION



# INDEX-CATALOGUE OF MEDICAL AND VETERINARY ZOOLOGY

SUPPLEMENT 21, PART 2

## PARASITE-SUBJECT CATALOGUE PARASITES: PROTOZOA

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## PREFACE

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; since then supplements covering authors A to Z have been issued on an annual basis.

Beginning with Supplement 15, the Parasite-Subject Catalogues, containing indices to the author references, are being issued. The Author Catalogue continues the format of previous supplements. The users should note that for each reference in the Author Catalogue, the author(s) plus the date and letter (e.g., Smith, J.; and Doe, X., 1963 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, it will be necessary to consult the Author Catalogue for complete bibliographical information.

The following are the parts of each supplement:

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

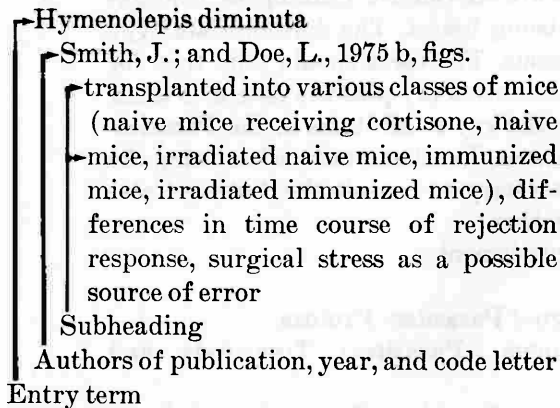
It is hoped that these Catalogues will serve as a useful tool to workers in the field of parasitology. Persons using this Catalogue are requested to preserve it, because it is not designed for general distribution and the edition is limited.

Reprints of papers on parasitology are requested.

## EXPLANATORY NOTE

*Coverage of human malaria and leishmaniasis:* It was resumed during compilation of Supplement 21. The majority of the references date from 1974, but some earlier references have been included.

*Format:* Each entry consists of the name of the parasite or parasitic disease, the author(s) of the publication with date and necessary code letter, and a subheading. Illustrations of parasites are indicated by the word fig(s)., which follows the author(s), date, and code letter. In references to new taxa, lists of pages precede the illustrations.



It is necessary to consult Part 1, Authors, of the corresponding supplement for complete bibliographic information. Part 1, Authors, is arranged alphabetically by author(s) of publications indexed in that supplement.

*Alphabetization:* The entries 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.

*Subheadings:* A variety of information is found beneath 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 subheadings may give the higher taxa in which the taxon has been placed or they 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 gave only common names, in

which cases the host names are given exactly as in the original publication. When a common name is used and there is no ambiguity about which species is meant, there is a cross-reference in the Host Catalogue to the scientific name; the host reference is found under the scientific name.

In the case of host common names 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 that the author indicates as new or that 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 more than three antiparasitic agents mentioned in a publication, a general term is used as a parasite 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 opposite 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.).

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The compilers thank the staffs of the Technical Information Services of the Science and Education Administration, the National Library of

Medicine, and all other libraries who have aided us invaluablely by making publications available to us.

Trade names are used in this publication solely for the purpose of providing specific information.

Mention of a trade name does not constitute a guarantee or warranty of the product by the U.S. Department of Agriculture or an endorsement by the Department over other products not mentioned.





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Griffin, J.L., 1976 a  
differentiation of *Acanthamoeba* from *Naegleria* as cause of human meningoencephalitis: Britain
- Acanthamoeba*  
Marino, J.T. (jr.), 1975 a  
primary amebic meningoencephalitis, human
- Acanthamoeba*  
Singh, B. N., 1970 a  
pathogenicity, review
- Acanthamoeba*  
Stevens, A. R.; and O'Dell, W. D., 1974 a  
5-fluorocytosine, in vitro and in vivo (mice)
- Acanthamoeba*  
Stevens, A.R.; and O'Dell, W.D., 1974 b  
A-1 strain, virulence after repeated subculturing
- Acanthamoeba* sp.  
Dwivedi, J. N.; and Singh, C. M., 1965 b, figs.  
buffalo: India
- Acanthamoeba* sp.  
Nagington, J.; et al., 1974 a  
man (eye): Lincolnshire, U.K.
- Acanthamoeba castellanii*  
Pennisi, L.; Mento, G.; and Todaro, F., 1971 a  
human, antibody incidence: Italy
- Acanthamoeba castellanii*  
Proca-Ciobanu, M.; et al., 1975 a, figs.  
pathogenic strain, ultrastructure, presence of bacterial endosymbionts which might be implicated in pathogenic potential
- Acanthamoeba castellanii*  
Proca-Ciobanu, M.; and Ciplea, A.G., 1975 a, figs.  
pathogenic strain Sn isolated from recreational lake, histopathology, exper. mice: Bucharest
- Acanthamoeba castellanii*  
Visvesvara, G. S.; and Healy, G. R., 1975 a  
antigenically distinct from *Naegleria*, gel diffusion, anti-*Naegleria* sera
- Acanthamoeba culbertsoni* Culbertson, 1958  
De Jonckheere, J.; and van de Voorde, H., 1976 a, fig.  
cysticidal action of chlorine, laboratory comparisons with nonpathogenic *Acanthamoeba* sp. and *Naegleria* spp.
- Acanthamoeba culbertsoni*  
Visvesvara, G. S.; and Healy, G. R., 1975 a  
antigenically distinct from *Naegleria*, gel diffusion, anti-*Naegleria* sera
- Acanthamoeba polyphaga*  
Nagington, J.; et al., 1974 a, figs.  
woman (eye): Huntingdonshire, U.K.
- Acanthamoeba polyphaga*  
Visvesvara, G.S.; Jones, D.B.; and Robinson, N.M., 1975 a, figs.  
isolation from ulceration of human eye, morphological identification, culture, pathogenicity, precipitin reactions  
mouse (exper.) (brain)  
human (eye): Texas
- Acanthospora crypturgi* n. sp.  
Geus, A., 1969 a, 66,441-442, figs. 263a-e  
*Crypturgus pusillus*: Staffelstein, Ofr., Germany  
key
- Acanthospora elongata* n. sp.  
Geus, A., 1969 a, 66,444-446, figs. 265a-d  
*Cerylon ferrugineum*: Teuchatz, Heiligenstadt (Fränkische Schweiz), Germany  
key
- Acanthospora psychodae* n. sp.  
Geus, A., 1969 a, 66,442-444, figs. 264a-e  
*Psychoda severini*: Bayreuth, Germany  
key
- Acanthospora troguli* n. sp.  
Geus, A., 1969 a, 66,446-447, figs. 266a-g  
*Trogulus tricarinatus*: Erlangen (Rathsberg), Germany  
key
- Actinocephalidae Léger, 1892  
Geus, A., 1969 a  
includes: *Actinocephalus* Stein, 1848; *Amphorides* Labbé, 1899; *Pileocephalus* Schneider, 1875; *Styllocystis* Léger, 1899; *Discorhynchus* Labbé, 1899; *Steinina* Léger et Duboscq, 1904; *Anthorhynchus* Labbé, 1899; *Sciadophora* Labbé, 1899; *Pyxinia* Hammerschmidt, 1838; *Asterophora* Léger, 1892; *Beloides* Labbé, 1899; *Taeniocystis* Léger, 1906; *Stictospora* Léger, 1893; *Bothriopsides* Strand, 1926; *Coleorhynchus* Labbe, 1899; *Legeria* Labbé, 1899; *Geneiorhynchus* Schneider, 1875; *Phialoides* Labbé, 1899; *Hoplorhynchus* Carus, 1863; *Cardiocephalus* Zwetkow, 1929; *Agrippina* Strickland, 1912; *Globulocephalus* Baudouin, 1961; *Alaspora* Obata, 1953; *Ascocephalus* Obata, 1953; *Amphorocephalus* Ellis, 1913; *Acanthospora* Léger, 1892; *Corycella* Léger, 1892; *Ancyrophora* Léger, 1892; *Menospora* Léger, 1892; *Cometoides* Labbé, 1899; *Tetraedrospora* Tschudovskaja, 1928; *Dinematospore* Tuzet et Ormières, 1954; *Prismatospore* Ellis, 1914; *Ramicephalus* Obata, 1953
- Actinocephalus sieboldi*  
Abro, A., 1974 a  
histopathology  
*Lestes sponsa*; *Sympetrum danae*: all from Bergen, Norway
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Levine, N. D., 1970 c  
Myxosporea
- Actinomyxididae  
Ormières, R.; and Frezil, J.-L., 1969 a  
key to families, subfamilies and genera, includes: *Tetractinomyxididae* Poiss.; *Tetractinomyxon* Ikeda; *Sphaeractinomyxididae* Jan.; *Sphaeractinomyxon* Caull. Mesn.; *Necactinomyxon* Granata; *Triactinomyxididae* Jan.; *Polyactinomyxididae* Jan.; *Hexactinomyxon* Stolc; *Triactinomyxinae* Jan.; *Siedleckiellinae* Jan.; *Aurantiactinomyxon* Jan.; *Guyenotia* Naville; *Triactinomyxon* Stolc; *Raabeia* Jan.; *Echinactinomyxon* Jan.; *Synactinomyxon* Stolc.; *Siedleckiella* Jan.; *Antonactinomyxon* Jan.
- Acuta* Stejskal, 1965  
Geus, A., 1969 a  
Acutidae
- Acutidae Stejskal, 1965  
Geus, A., 1969 a  
includes: *Acuta* Stejskal, 1965
- Acutispora* Crawley, 1903  
Geus, A., 1969 a  
Dactylophoridae
- Acutispora procera* n. sp.  
Geus, A., 1969 a, 68,492-493, figs. 301a-e  
*Lithobius dentatus*: Bayreuth (Ermitage), Germany  
key

- Adelea ovata*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Lithobius forficatus*
- Adelina* sp. oocysts  
Barnard, W. P.; Ernst, J. V.; and Dixon, C. F., 1974 a, fig.  
*Sigmodon hispidus* (feces, intestinal contents):  
Alabama (Eufaula National Wildlife Refuge, Barbour County; Tuskegee National Forest, Macon County)
- Adelina* sp.  
Rioux, J. A.; et al., 1972 c, figs.  
*Sergentomyia minuta minuta*: Porto-Vecchio  
*Phlebotomus perniciosus*: Croicicchia
- Adelina melolonthae*  
Keller, S., 1974 a, fig.  
biological control, *Melolontha* spec.
- Adelina melolonthae*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Melolontha melolontha*
- Aegyptianella Carpano*, 1928  
D'iakonov, L. P., 1973 a  
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- Aegyptianella pullorum*  
Gothe, R.; and Schrecke, W., 1972 a  
transmission, control  
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Paikne, D. L.; Dhake, P. R.; and Sardey, M. R., 1974 a  
fowl, domestic: Nagpur
- Aggregata eberthi*  
Heller, G., 1970 a, figs.  
microgametes, development, morphology, electron microscopy
- Aggregata eberthi*  
Heller, G., 1970 b, figs.  
macrogametes, cortex, ultrastructure, nutrition
- Aggregata eberthi*  
Mehlhorn, H.; and Scholtyseck, E., 1972 a  
macrogametes, fine structure
- Aggregata eberthi*  
Porchet-Hennere, E.; and Richard, A., 1970 a, figs.  
microgametocytes, differentiation of microgametes, electron microscopy
- Aggregata eberthi*  
Porchet-Hennere, E.; and Richard, A., 1971 b  
schizogony, morphology, electron microscopy  
*Portunus holtsatus* (intestin): Wimereux  
*Carcinus* (exper.) (tube digestif)  
*Portunus* (exper.) (tube digestif)
- Aggregata eberthi*  
Scholtyseck, E. O.; Mehlhorn, H.; and Hammond, D., 1971 a, fig.  
macrogametes, oocysts, fine structure
- Aggregata eberthi*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Sepia officinalis*; *Carcinus moenas*
- Akinetocystidae Bhatia, 1930  
Geus, A., 1969 a
- Amebiasis. See Amoebiasis.
- Amoeba* (Limax group)  
Skočil, V.; et al., 1972 a  
human, possible relationship between presence of amoeba in nasal passages and pathologic findings in nasal mucosa
- Amoeba*, Limax group  
Skočil, V.; Serbus, C.; and Cerva, L., 1972 a  
military communities, epidemiological survey, presence in nasal swabs, maximum isolation late spring and early summer
- Amoeba* [sp.], probably *Hartmannella*  
Jager, B.V.; and Stamm, W.P., 1972 a, fig.  
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Abd-Rabbo, H.; et al., 1972 a  
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Ansari, Z. A.; et al., 1973 a  
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human, liver, diagnosis, clinical picture, treatment (drug and surgical), complications
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Askerkhanov, R. P., 1972 a  
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Assadourian, R.; et al., 1971 a  
human hepatic abscess, scintigraphic diagnosis, surgical treatment, clinical review, case reports: France
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Babaev, O. G.; and Milonov, O. B., 1971 a  
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Banerjee, J. C., 1966 b  
human hepatic, cardiac complications, review: India
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Banerjee, S. K.; Sikund, K. K.; and Krishnan, N. R., 1971 a  
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Banerji, R. N.; et al., 1968 b  
non-suppurative hepatitis, review of symptoms, clinical aspects, successful metronidazole treatment: India
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Banerji, R. N.; Basu, A. K.; and Ayyar, R. D., 1968 a  
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ultrastructure, relationship to host, life cycle
- Amoebophrya grassei  
Cachon, J.; and Cachon-Enjumet, M., 1970 c, figs.  
mitosis, atractophorian and microtubule systems, ultrastructure
- Amoebophrya rosei Cachon  
Cachon, J.; and Cachon-Enjumet, M., [1970 b]  
ultrastructure, relationship to host, life cycle
- Amoebophrya rosei  
Cachon, J.; and Cachon-Enjumet, M., 1970 c, figs.  
mitosis, atractophorian and microtubule systems, ultrastructure
- Amoebophrya sticholonchae Koeppen  
Cachon, J.; and Cachon-Enjumet, M., [1970 b]  
ultrastructure, relationship to host, life cycle
- Amoebophrya sticholonchae  
Cachon, J.; and Cachon-Enjumet, M., 1970 c, figs.  
mitosis, atractophorian and microtubule systems, ultrastructure

- Anaplasma* sp.  
Augustyn, N. J.; and Bigalke, R. D., 1974 a, fig.  
Giraffa camelopardalis, case report
- Anaplasma* [sp.]  
Buscher, H. N., 1970 a  
Rattus rattus; Tatera indica; Nesokia indica; Mus musculus; Suncus murinus; Millardia sp.; Funambulus pennanti (blood of all): all from West Pakistan
- Anaplasma* [sp.]  
McMillan, B.; and Bancroft, B. J., 1974 a  
Ornithorhynchus anatinus (blood): New South Wales
- Anaplasma* sp.  
van Peenen, P. F. D.; et al., 1974 a  
Suncus murinus; Rattus surifer; R. exulans; R. whiteheadi; R. cremoriventer; Cynopterus brachyotis; Felis bengalensis: all from Kalimantan, Borneo
- Anaplasma centrale*  
Uilenberg, G., 1971 a  
premunization of cattle: Madagascar
- Anaplasma marginale*  
Adams, L. G.; and Todorovic, R. A., 1974 a  
concurrent infection with Babesia bigemina, single treatment of imidocarb dihydrochloride, calves
- Anaplasma marginale*  
Adams, L. G.; and Todorovic, R. A., 1974 b  
concurrent infections with Babesia argentina and B. bigemina, multiple treatments with imidocarb dihydrochloride
- Anaplasma marginale*  
Amerault, T. E.; et al., 1970 a, figs.  
card agglutination and complement-fixation, comparative studies, cattle: Arkansas; Louisiana
- Anaplasma marginale*  
Anderson, I. L.; et al., 1972 a  
young calves, experimentally induced anemias, fetal and adult hemoglobin patterns, possible role in neonatal resistance
- Anaplasma marginale*  
Bauer, F.; and Hochheimer, N., 1974 a  
Berenil, cows
- Anaplasma marginale*  
Callow, L. L., 1974 a  
epizootiology, diagnosis, control, review: Alaska
- Anaplasma marginale*  
Connell, M. L., 1974 a  
cattle, Boophilus microplus, experimental transmission by trans-stadial and intrastadial methods; trials by transovarial mode were negative
- Anaplasma marginale*  
Coşkuner, M. R., 1971 a  
bovine: Turkey  
Dermacentor marginatus (exper.)
- Anaplasma marginale*  
Cox, H. U.; Hart, L. T.; and Dimopoulos, G. T., 1974 a  
adenosine triphosphatase, erythrocyte membranes, young calves
- Anaplasma marginale*  
Dimopoulos, G. T.; and Bedell, D. M., 1974 a  
diagnosis, mechanism and specificity of capillary tube agglutination test
- Anaplasma marginale*  
Hidalgo, R. J., 1974 a  
control, endemic areas, immunization, identification and elimination, segregation and/or treatment of carrier cattle, prophylactic feeding of drugs and vector control, review
- Anaplasma marginale*  
Howarth, J. A.; et al., 1970 a  
prevalence, complement fixation, capillary tube agglutination and card agglutination tests, infected and non-infected deer: California
- Anaplasma marginale*  
Johns, R. W.; and Dimopoulos, G. T., 1974 a  
in vitro uptake of <sup>14</sup>C-labeled amino acids, isoleucine, glycine, methionine
- Anaplasma marginale*  
Keeton, K. S.; and Jain, N. C., 1973 a, figs.  
scanning electron microscopy
- Anaplasma marginale*  
Kuttler, K. L., 1970 a  
attenuated organism, splenectomized calves, serially passaged, possible increased virulence
- Anaplasma marginale*  
Kuttler, K. L., 1972 a  
α-dithiosemicarbazone, 3,3'-bis(2-imidazolin-2-yl) - carbanilide dihydrochloride, calves
- Anaplasma marginale*  
Kuttler, K. L.; and Zaraza, H., 1970 b  
attenuated organism, premunization, cattle, Texas and Colombia isolates, environmental temperature factor
- Anaplasma marginale*  
Löhr, K.-F.; Otieno, P. S.; and Gacanga, W., 1975 a  
more resistance in Boran cattle, Bos indicus, than in Ayreshire cattle
- Anaplasma marginale*  
McHardy, N., 1974 a  
splenectomized calves, infection maintained while Eperythrozoon eliminated by Spirotrypan forte
- Anaplasma marginale*  
McHardy, N.; and Simpson, R. M., 1974 a  
imidocarb dipropionate, calves: Kenya
- Anaplasma marginale*  
Magonigle, R. A.; et al., 1975 a  
cattle, carrier state, 5 daily intravenous treatments with oxytetracycline hydrochloride, subinoculation of blood into splenectomized calves after chemotherapy, no infection during 60-day period
- Anaplasma marginale*  
Neal, F. C.; and Eids, G. T., 1972 a  
attenuated vaccine, cattle
- Anaplasma marginale*  
Padgett, F.; and Summers, W. A., 1971 a  
morphology, internal structure and reproduction, negative staining, unfixated, dehemoglobinized, infected bovine erythrocytes
- Anaplasma marginale*  
Reis, R.; and Ornellas-Santos, P. P., 1971 a  
preparation, fluorescent dyes
- Anaplasma marginale*  
Roby, T. O.; et al., 1974 a  
imidocarb dipropionate elimination of latent infection, cattle, persisting immunity
- Anaplasma marginale* (Theiler, 1910)  
Rodríguez, O. N.; et al., 1973 a  
antigenic differentiation from Paranaaplasma caudata, passive hemoagglutination, hemoagglutination-inhibition and direct immunofluorescence test
- Anaplasma marginale*  
Rodríguez, O. N.; Bartko, P.; and Rivas, A., 1973 a  
histochemistry, deoxyribonucleic acid, phospholipids, proteins and organic iron, experimentally-infected cattle

- Anaplasma marginale*  
Rodríguez, O. N.; Rivas, A.; and Espaine, L., 1972 a  
diagnosis, direct fluorescent antibody
- Anaplasma marginale*  
Rogers, R. J., 1971 d  
evaluation of complement fixation and capillary tube agglutination, diagnosis, incidence, distribution, cattle: northern Queensland, Australia
- Anaplasma marginale*  
Rose, J. E.; Amerault, T. E.; and Roby, T. O., 1974 a  
modified card agglutination test, possible direct conglutination test, normal bovine serum providing conglutination and complement, antibody size role
- Anaplasma marginale*  
Schalm, O. W., 1972 a, fig.  
cattle, differential diagnosis of anemia
- Anaplasma marginale*  
Srivastava, R. P.; and Ahluwalia, S. S., 1974 a  
buffalo: India  
goat (exper.)
- Anaplasma marginale*  
Todorovic, R. A.; et al., 1973 a  
imidocarb, calves, not effective
- Anaplasma marginale*  
Todorovic, R. A.; et al., 1975 a  
cattle, control by premunition or chemoprophylaxis, field trials: Cauca River Valley, Colombia
- Anaplasma marginale*  
Todorovic, R. A.; Gonzalez, E. F.; and Adams, L. G., 1975 a  
simultaneous vaccination against bovine babesiosis and anaplasmosis, chemotherapeutic monitoring of post-vaccination reactions, tick- or blood-borne challenge, evaluation of infectivity and virulence of blood from acute and patent infections used for vaccination: Colombia
- Anaplasma marginale*  
Uilenberg, G., 1971 a  
premunition of cattle: Madagascar
- Anaplasma marginale*  
Wallace, W. R.; and Dimopoulos, G. T., 1974 a  
Canada goose, cross reactions with Plasmodium spp., direct and inhibition fluorescent antibody technique
- Anaplasma marginale*  
Welter, C. J.; and Ristic, M., 1970 a  
attenuated vaccine, serial passage of irradiated organisms, tested by challenge, cattle
- Anaplasma marginale*  
Wiesenhütter, E., 1975 a  
bovine, seasonal distribution, Tabanus taeniola as principal mechanical vector: Dar-es-Salaam
- Anaplasma marginale*  
Zaraza Orozco, H.; and Kuttler, K. L., 1971 a  
immunization, attenuated organism, killed adjuvant vaccine and virulent *A. marginale*, calves: Colombia
- Anaplasma ovis*  
Cogkuner, M. R., 1971 a  
ovine: Turkey  
Dermacentor marginatus (exper.)
- Anaplasma ovis*  
Gupta, S. L.; Gautam, O. P.; and Gupta, R. K. P., 1974 a  
splenectomized sheep, anemia pathogenesis, reticulocyte increase, phagocytosis of infected erythrocytes, faster erythropoiesis
- Anaplasma ovis*  
Kuosev, B., 1973 a, fig.  
sheep (blood): Tolbukhinski okrug
- Anaplasma ovis*  
Peteshev, V. M., 1973 a  
geographic distribution, worldwide
- Anaplasma ovis*  
Singh, B.; and Gautam, O. P., 1972 b, figs.  
induced by splenectomy, sheep, goats
- Anaplasmataceae Philip, 1957  
D'iakonov, L. P., 1973 a  
*Anaplasmina* nov. suborder; includes: *Anaplasma*, *Aegyptianella*
- Anaplasmina* nov. suborder  
D'iakonov, L. P., 1973 a, 23, 24  
includes: Anaplasmataceae, Haemobartonellaceae nov. fam.
- Anaplasmosis  
Bakyrdzhev, K.; et al., 1973 a  
reproduction capacity, rams, Berenil
- Anaplasmosis  
Buening, G. M., 1973 a  
calves (intact and splenectomized), humoral and cell-mediated immune response, development of leukocyte migration-inhibition test as measure of CMI, effect of vaccination with inactivated anaplasma vaccine on immune response
- Anaplasmosis  
Long, J. D.; Stauber, E. H.; and Frank, F. W., 1974 a  
serologic survey, beef cattle, prevalence and distribution: northern Idaho and southeastern Washington
- Ancyrophora Léger, 1892  
Tuzet, O.; Ormieres, R.; and Theodorides, J., 1968 a  
diagnosis, includes: *A. gracilis* Léger, 1892; *A. uncinata* Léger, 1892; *A. stelliformis* (Schn.) Wellmer, 1911; *A. uleiota* Foerster, 1938; *A. gigantea* Hoshide, 1953
- Ancyrophora gigantea* Hoshide, 1953  
Tuzet, O.; Ormieres, R.; and Theodorides, J., 1968 a, fig.
- Ancyrophora gracilis* Léger, 1892  
Tuzet, O.; Ormieres, R.; and Theodorides, J., 1968 a, fig.
- Ancyrophora noteri* Rauchalles n. sp.  
Geus, A., 1969 a, 66,455-456, figs. 272a-d  
*Noterus clavicornis*; *N. crassicornis*: all from Erlangen, Germany  
key
- Ancyrophora puytoraci* B.  
Baudoin, J., [1970 a], figs.  
anterior region, ultrastructure
- Ancyrophora similis* (Foerster, 1938) nov. comb.  
Geus, A., 1969 a, 66,459-461, figs. 275a-g  
Syn.: *Gregarina similis* Foerster, 1938  
*Ampigerontia bifasciata*; *Epurea terminalis*; *Rhizophagus bipustulatus*; *Soronia grisea*; *S. punctatissima*: all from Germany  
key
- Ancyrophora stelliformis* (Schn.) Wellmer, 1911  
Tuzet, O.; Ormieres, R.; and Theodorides, J., 1968 a, fig.
- Ancyrophora uleiota* Foerster 1938  
Tuzet, O.; Ormieres, R.; and Theodorides, J., 1968 a, figs.

- Ancyrophora uncinata* Léger, 1892  
Tuzet, O.; Ormieres, R.; and Theodorides, J., 1968 a, fig.
- Angeiocystis audouinii*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Audouinia tentaculata*
- Anisolobus aleocharae* Rauchalles n. sp.  
Geus, A., 1969 a, 59, 306-307, figs. 168a-e  
*Aleochara intricata*: Umgebung von Erlangen, Umgebung von Bayreuth, Germany  
key
- Annulifera*, Levine, 1969 nov. subphylum  
Scholtzseck, E. O.; and Mehlhorn, H., 1970 b  
includes: Sporozoa Leuckart, 1879; Piroplasmea Levine, 1961
- Anoplophrya anilii* n. sp.  
Mukherjee, R. N.; and Chakrabarti, A., 1975 a, 590-591, fig. 1  
*Perionyx excavatus* (alimentary tract): Barrackpore, West Bengal, India
- Anoplophrya filum*  
Hartwig, E.; and Jelinek, H., 1974 a, figs.  
*Lumbricillus rivalis*
- Anoplophrya lumbrici* (Schrank)  
Biswas, M. K.; and Mookherjee, R. N., 1974 a, fig.  
*Pheretima peguyana* (seminal vesicles): Calcutta
- Anoplophrya nodulata*  
Hartwig, E.; and Jelinek, H., 1974 a, figs.  
*Phallosdrilus monospermathecus*; *Thalassodrillus prostatatus*; *Enchytraeus coronatus*; *Marionina* sp.
- Anoplophrya polydora*  
Hartwig, E.; and Jelinek, H., 1974 a, figs.  
*Lumbricillus lineatus*; *Lumbricillus rivalis*; *Marionina* sp.
- Anthemosoma garnhami*  
Cox, F. E. G., 1972 b  
heterologous immunity with *Plasmodium* spp. and *Babesia* spp., mice
- Anthemosoma garnhami*  
Cox, F. E. G., 1972 c  
absence of heterologous immunity with *Trypanosoma musculi*, mice
- Anthemosoma garnhami* (Landau, 1969)  
Leger, N.; Notteghem, M. J.; and Lome, M. C., 1972 a  
susceptibility to antibabesial drugs and resistance to antimalarial drugs confirms relationship to *Babesia*
- Anthemosoma garnhami*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Acomys percivali*
- Anthemosoma garnhami* (Landau et al., 1969)  
Vivier, E.; and Petitprez, A., [1970 a], figs.  
trophozoites, merozoites, ultrastructure, vegetative reproduction  
*Acomys* (exper.)
- Antonactinomyxon Janiszewska*  
Ormieres, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidina*
- Apicomplexa* nov. subphylum  
Levine, N. D., 1970 c, 208  
Syn.: Polannulifera Levine, 1969  
includes: Sporozoa Leuckart, 1879; Piroplasmea Levine, 1961
- Apigregarinidae* Stejskal, 1965  
Geus, A., 1969 a  
includes: *Apigregarina* Stejskal, 1965
- Apiosoma* sp.  
Vinnichenko, L. N.; et al., 1971 a  
*Acanthorhodeus asmussi*; *Esox reicherti*: all from River Zeia, region of mouth of River Budunda
- Apiosoma basiramosa* (Timofeev, 1962)  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Opsariichthys uncirostris amurensis* (gills): mouth of Budunda
- Apiosoma cylindriciformis* (Chen, 1955)  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: *Glossatella cylindriciformis* Chen, 1955  
*Pseudaspius leptocephalus* (gills): River Zeia, region of Budunda
- Apiosoma megamicronucleata* (Timofeev, 1962)  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Lota lota* (gills): Amur, region of Lake Khivand
- Apiosoma minuta* (Chen, 1961)  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Hemiculter leucisculus leucisculus* (body surface): River Zeia, region of Budunda
- Apiosoma nasalis* (Timofeev, 1962)  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Acanthorhodeus asmussi*; *Carassius auratus gibelio*; *Sarcochilichthys sinensis lacustris*; *Leuciscus waleckii*; *Chilogobio czerskii* (nasal fossae of all): all from River Zeia (region of mouth of Budunda)
- Apiosoma piscicola* Blanchard, 1885  
Chubb, J. C., 1974 a  
*Gasterosteus aculeatus* (fins, gills): Llyn Padarn, Wales
- Apiosoma piscicola*  
Pokorny, J.; and Cervinka, S., 1974 a  
ectoparasitic on tench during first growth period, reservoirs
- Apolocystis de Martiis*, 1923  
Geus, A., 1969 a  
Monocystidae
- Apolocystis herculea*  
Segun, A. O., 1972 a  
*Octolasion cyaneum* (perivisceral cavity, body cavity); *Lumbricus terrestris* (body cavity): all from Britain
- Apolocystis lavernensis*  
Segun, A. O., 1972 a  
*Allolobophora longa* (seminal vesicles): Britain
- Apolocystis megagranulata* Segun  
Segun, A. O., 1972 a  
*Dendrobaena subrubicunda* f. *typica*: Britain
- Apolocystis minuta* Troisi  
Segun, A. O., 1972 a  
*Lumbricus castaneus*; *Lumbricus festivus*; *L. rubellus*: all from Britain
- Apolocystis spinosa*  
Segun, A. O., 1972 a  
*Allolobophora chlorotica* (seminal vesicles): Britain
- Arthrocytistis* n. gen.  
Levine, N. D.; Beamer, P. D.; and Simon, J., 1970 a, 429, 433  
Sarcocystidae, mt: *A. galli* n. sp.

- Arthrocystis* Levine, Beamer & Simon, 1970  
 Frenkel, J. K., 1974 a  
 redefined, Sarcocystidae
- Arthrocystis galli* n. sp. (mt)  
 Levine, N. D.; Beamer, P. D.; and Simon, J., 1970 a, 429-433, pls. I-II, figs. 1-8  
*Gallus domesticus* (muscles): Uttar Pradesh, India
- Ascophrys* n. g.  
 Campillo, A.; and Deroux, G., 1974 a, 1447  
 Conidophryidae, tod: *A. rodor* n. sp.
- Ascophrys rodor* n. g., n. sp. (tod)  
 Campillo, A.; and Deroux, G., 1974 a, 1447-1450, figs. A-M  
 life cycle  
*Palaemon serratus* (téguments): Roscoff
- Asterophora caloglyphi* Rauchalles n. sp.  
 Geus, A., 1969 a, 64, 414-416, figs. 244a-e  
*Caloglyphus moniezi*: Bayreuth, Erlangen, Staffelstein, Hersbruck, Germany  
 key
- Atoxoplasma* Garnham, 1950  
 Frenkel, J. K., 1974 a  
 redefined, Eimeriidae
- Auerbachia* sp.  
 Yoshino, T. P.; and Moser, M., 1974 a  
 (gall bladder of all)  
*Coryphaenoides pectoralis*: central California  
*C. filifer*: Oregon
- Aurantiactinomyxon* Jan.  
 Ormieres, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidia*, key
- Aurantiactinomyxon eiseniellae* n. sp.  
 Ormieres, R.; and Frezil, J.-L., 1969 a, 137-142, figs. 1-19.  
 life history, spores, gametogenesis  
*Eiseniella tetraedra* forme typica (épithélium intestinal): environs de Balaruc-le-Vieux, en bordure du ruisseau d'Issanka (Hérault)  
 [See also *A. eisoniellae* Ormieres, R.; and Frezil, J.-L., 1968 a, Supplement 18, Part 2]

- Babesia**  
Kawamura, S., 1973 a, figs.  
bovine, diagnosis, fluorescent stain
- Babesia [sp.]**  
Buscher, H. N., 1970 a  
Rattus rattus; Tatera indica; Mus musculus; Suncus murinus; Funambulus pennanti (blood of all): all from West Pakistan
- Babesia [sp.]**  
Mahnert, V., 1972 b  
Sorex araneus; Pitymys subterraneus; Clethrionomys glareolus; Microtus nivalis (blood of all): all from Alps, Nordtirol, Austria
- Babesia [sp.]**  
Sachs, R.; Schaller, G. B.; and Schindler, R., 1971 a  
Panthera leo; Canis mesomelas; Mungos mungos (blood of all): all from Serengeti National Park, Tanzania
- Babesia sp.**  
Taylor, W. M., 1973 a  
chemotherapy, review
- Babesia spp.**  
Todorovic, R. A., 1975 a  
recent advances, diagnosis, complement fixation, gel precipitation, agglutination, fluorescent antibody, review
- Babesia sp., probably B. equi**  
Vroege, C.; and Zwart, P., 1972 a, fig.  
Tapirus indicus (erythrocytes): Royal Rotterdam Zoo "Blijdorp", imported from South Asia
- Babesia ardeae** Toumanoff, 1940  
Peirce, M. A., 1975 a
- Babesia argentina**  
Abeyseena, F. A.; and Seneviratna, P., 1970 a, figs.  
morphology, pathology, duration of parasitaemia, temperature reaction, blood changes, nervous signs, incidence in brain tissue, cattle: Ceylon
- Babesia argentina**  
Adams, L. G.; and Todorovic, R. A., 1974 b  
concurrent infections with Anaplasma marginale and Babesia bigemina, imidocarb dihydrochloride, multiple treatments
- Babesia argentina**  
Callow, L. L., 1974 a  
epizootiology, diagnosis, control, review: Alaska
- Babesia argentina**  
Callow, L. L.; et al., 1976 a  
diagnosis, indirect fluorescent antibody test, immunoelectrophoresis, homology of buffalo and bovine serum proteins, transmission from Bubalus bubalis to splenectomized Bos taurus (exper.)
- Babesia argentina**  
Dalgliesh, R. J., 1968 a  
cattle, vaccination with monovalent vaccine, clinical aspects: Queensland, Australia
- Babesia argentina**  
Dimmock, C. K., 1973 a  
production of iso-immune blood group antibodies in cattle after use of whole blood vaccine, importance in relation to haemolytic disease of newborn calves, level of antibody dependent upon several interacting factors including breed, time since vaccination, number and frequency of vaccinations
- Babesia argentina**  
Goldman, M.; and Rosenberg, A. S., 1974 a  
cattle from different geographic areas, immunofluorescence tests, cross-reactions with other Babesia spp., implications for taxonomy
- Babesia argentina**  
Goodger, B. V., 1973 a  
bovine erythrocytes, intraerythrocytic location of antigens
- Babesia argentina**  
Goodger, B. V.; and Mahoney, D. F., 1974 a  
diagnosis, passive haemagglutination test, cattle
- Babesia argentina**  
Goodger, B. V.; and Mahoney, D. F., 1974 b  
rapid slide agglutination test, diagnosis, herds of cattle
- Babesia argentina**  
Ludford, C. G.; et al., 1972 a  
indirect fluorescent antibody test, cross reactions with Plasmodium vivax and P. falciparum
- Babesia argentina**  
Mahoney, D. F.; and Goodger, B. V., 1972 a  
calves, inoculation of plasma and plasma fractions from other infected calves, erythrocyte survival, antibody response, resistance to challenge infection, antigens
- Babesia argentina**  
Mahoney, D. F.; Wright, I. G.; and Ketterer, P. J., 1973a  
splenectomized calves, gamma-irradiated infected erythrocytes, infectivity, immunogenicity
- Babesia argentina (?)**  
Padmavathi, P.; Reddy, P. R.; and Venkataratnam, A., 1974 a  
cow, Kerry cross-bred: India
- Babesia argentina**  
Todorovic, R. A., 1974 a, fig.  
diagnosis, complement fixation, rapid agglutination, immunization, premunition, vaccination, imidocarb, cattle: Colombia, South America
- Babesia argentina**  
Todorovic, R. A.; et al., 1973 a, figs.  
imidocarb, calves, toxicity
- Babesia argentina**  
Todorovic, R. A.; et al., 1975 a  
cattle, control by premunition or chemoprophylaxis, field trials: Cauca River Valley, Colombia
- Babesia argentina**  
Todorovic, R. A.; Gonzalez, E. F.; and Adams, L. G., 1975 a  
simultaneous vaccination against bovine babesiosis and anaplasmosis, chemotherapeutic monitoring of post-vaccination reactions, tick- or blood-borne challenge, evaluation of infectivity and virulence of blood from acute and patent infections used for vaccination: Colombia
- Babesia argentina**  
Uilenberg, G., 1971 a  
premunition of cattle: Madagascar
- Babesia argentina**  
Wright, I. G., 1972 b  
pathogenesis, calves, clinical and pathological effects
- Babesia argentina**  
Wright, I. G., 1973 a  
intact and splenectomized calves, acute infection, plasma kallikrein levels, capillary permeability, estero-lytic activity
- Babesia argentina**  
Wright, I. G., 1973 b, fig.  
ultrastructural changes in infected erythrocytes in kidney capillaries

- Babesia argentina*  
Wright, I. G., 1973 c  
splenectomised *Bos taurus* calves, osmotic fragility of erythrocytes, compared with *Babesia bigemina*
- Babesia argentina*  
Wright, I. G.; and Goodger, B. V., 1973 a  
antigen extracts, esterase activity, hydrolysis of native and denatured haemoglobin
- Babesia argentina*  
Wright, I. G.; and Kerr, J. D., 1975 a  
calves, pathogenesis, Trasylol, proteinase inhibitor, lower plasma kallikrein, higher packed cell volume
- Babesia argentina*  
Wright, I.G.; and Mahoney, D.F., 1974 a  
splenectomized calves, acute infection, levels of kallikreinogen and kallikrein in plasma, role in terminal shock, possible activation mechanisms
- Babesia balearicae* [n. comb.]  
Peirce, M. A., 1975 a  
Syn.: *Nuttallia balearicae* Peirce, 1973
- Babesia berbera*  
Goldman, M.; and Rosenberg, A. S., 1974 a  
cattle from different geographic areas, immunofluorescence tests, cross-reactions with other *Babesia* spp., implications for taxonomy
- Babesia bigemina*  
Adams, L. G.; and Todorovic, R. A., 1974 a  
concurrent infection with *Anaplasma marginale*, single treatment of imidocarb dihydrochloride, calves
- Babesia bigemina*  
Adams, L. G.; and Todorovic, R. A., 1974 b  
concurrent infections with *Babesia argentina* and *Anaplasma marginale*, imidocarb dihydrochloride, multiple treatments
- Babesia bigemina*  
Atwell, R. B., 1975 a  
probable prenatal infection in calf, early weaning, acute attack: Australia
- Babesia bigemina*  
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- Babesia bigemina*  
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ultrastructure, paired organelles, micronemes and micropores of motile stages
- Babesia bigemina*  
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merozoites, conoid fine structure
- Babesia bigemina*  
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diagnosis, complement fixation, rapid agglutination, immunization, premonition, vaccination, imidocarb, cattle: Colombia, South America
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imidocarb, calves, toxicity
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- Babesia caballi*  
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Allen, P. C.; Frerichs, W. M.; and Holbrook, A. A., 1975 b  
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Barnett, S. F., 1974 a  
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Corbella, E. G., 1971 a  
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- Babesia canis*  
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- Babesia canis*  
Chiodini, P. L., 1973 a  
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Horvath, Z.; and Papp, L., 1974 a, fig.  
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- Babesia canis*  
Shortt, H.E., 1973 a, pls.  
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*Rhipicephalus sanguineus*; *Haemaphysalis leachi* (all exper.)
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Simpson, C. F., 1974 a  
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- Babesia cati* Mudaliar, Achary and Alwar, 1950  
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- Babesia divergens*  
Canning, E.U.; Killick-Kendrick, R.; and Monk, J.B., 1976 a, figs.  
morphological development of piroplasms in intact and splenectomized rodents, attempted immunodepression by concomitant *Trypanosoma brucei* infection; difficulty of species differentiation in man  
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- Babesia divergens*  
Dennig, H. K.; Lehner, M.; and Teubner, F., 1974 a, fig.  
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Simon, P. H.; Rancien, P.; and Euzéby, J., 1974 a  
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Peirce, M. A., 1975 a  
Syn.: *Nuttallia emberizica* Yakunin & Krivkova, 1971
- Babesia equi*  
Barnett, S. F., 1974 a  
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- Babesia* (*Nuttallia*) *equi*  
Corbella, E. G., 1971 a  
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- Babesia equi*  
Edds, G. T.; Taylor, W. M.; and Kirkham, W. W., 1970 a  
Diampron, horses
- Babesia* (*Nuttallia*) *equi*  
Holbrook, A. A.; Frerichs, W. M.; and Allen, P. C., 1973 a, fig.  
clinical aspects, laboratory diagnosis, complement fixation test
- Babesia equi*  
Ibanez, E. A.; et al., 1974 a  
microscopic diagnosis, horses: Argentina
- Babesia equi*  
Ibanez, E. A.; et al., 1974 b, figs.  
horses, survey, comparison of methods, direct observation, complement fixation test, subinoculation, incidence: Argentina
- Babesia equi*  
Meynard, J. A.; and Goudichaud, J. A., 1973 a  
horses, laboratory diagnosis preferable to clinical diagnosis
- Babesia equi*  
Rudolph, W.; et al., 1975 a, fig.  
horses, leukograms obtained in acute field cases; leukocyte, packed cell volume and fibrinogen changes in experimentally infected horses
- Babesia equi*  
Taylor, W. M.; Anderson, J. B.; and Martin, W. H., 1972 a  
horses, no congenital infection found: imported from Colombia to Florida
- Babesia felis* Davis, 1929  
Dennig, H. K.; and Brocklesby, D. W., 1972 a  
Syn.: *Nuttallia felis* var. *domestica*  
"Those workers who believe in the validity of the genus *Nuttallia* will follow Carpano (1934) and refer to this parasite as *Nuttallia felis* (Davis, 1929)."
- Babesia frugilegica* [n. comb.]  
Peirce, M. A., 1975 a  
Syn.: *Nuttallia frugilegica* Yakunin & Krivkova, 1971
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Dennig, H. K., 1973 a, 281-289, figs. 1-2  
Imidocarb, Galago crassicaudatus (blood): Germany, imported from Tanzania  
mice; rats; hamsters (blood of all) (all exper.)
- Babesia gibsoni* Patton (1910)  
Otsuka, H., 1974 a, figs.  
transmission in dogs by *Haemaphysalis longicornis*, stage-to-stage and transovarial  
*Haemaphysalis longicornis* (exper.)
- Babesia gibsoni*  
Ruff, M. D.; et al., 1973 a  
dogs, antiprotozoal compounds
- Babesia herpailuri* Dennig, 1967  
Dennig, H. K.; and Brocklesby, D. W., 1972 a  
*Canis familiaris*; *C. vulpus*; *C. familiaris dingo* (all exper.)
- Babesia kazachstanica* [n. comb.]  
Peirce, M. A., 1975 a  
Syn.: *Nuttallia kazachstanica* Yakunin & Krivkova, 1971
- Babesia krylovi* [n. comb.]  
Peirce, M. A., 1975 a  
Syn.: *Nuttallia krylovi* Yakunin & Krivkova, 1971
- Babesia major*  
Brocklesby, D. W.; et al., 1973 a  
blood-induced infections, splenectomized and intact calves, pathogenicity
- Babesia major*  
Brocklesby, D. W.; et al., 1975 a  
transmission by *Haemaphysalis punctata* (only acquired by adults, transmitted by all stages, transovarial passage), development and ultrastructure in the tick
- Babesia major*, probably  
Brossard, M.; and Aeschlimann, A., 1975 a  
bovine, latent infection, probable existence of premunition: Southern Switzerland (Ticino; Mesolcina)
- Babesia major*  
Goldman, M.; and Rosenberg, A. S., 1974 a  
cattle from different geographic areas, immunofluorescence tests, cross-reactions with other *Babesia* spp., implications for taxonomy
- Babesia major*  
Kommerij, R.; Schillhorn van Veen, Tj. W.; and Vernooij, J. E., 1971 a  
diagnosis; Berenil, Acaprin, cattle: Ameland, Netherlands
- Babesia major*  
Morzaria, S. P.; et al., 1974 a  
suspensions from infected *Haemaphysalis punctata*, infectivity to cattle
- Babesia major*  
Morzaria, S.P.; Barnett, S. F.; and Brocklesby, D. W., 1974 a  
cattle (exper.)
- Babesia major*  
Zwart, D.; Perie, N. M.; and Wilson, S. G., 1971 a  
experimental transmission by *Ixodes ricinus*
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Anderson, A. E.; Cassaday, P. B.; and Healy, G. R., 1974 a, figs.  
sixth documented case  
human, 48-year-old woman: Nantucket Island, Massachusetts

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Canning, E.U.; Killick-Kendrick, R.; and Monk, J.B., 1976 a, fig.  
difficulty of species differentiation in man
- Babesia microti*  
Clark, I. A.; and Allison, A. C., 1974 a  
hypothymic and normal mice, elimination from circulation dependent upon thymus
- Babesia microti*  
Cox, F. E. G., 1972 a  
protective heterologous immunity between malaria parasites and piroplasms, mice
- Babesia microti*  
Cox, F. E. G., 1972 b  
heterologous immunity with *Anthemiosoma garnhami*, mice
- Babesia microti*  
Cox, F. E. G., 1972 c  
absence of heterologous immunity with *Trypanosoma musculi*, mice
- Babesia microti*  
Cox, F. E. G., 1975 a  
mice, *Trypanosoma musculi* enhanced with concomitant *B. microti*
- Babesia microti*  
Gleason, N.N.; and Wolf, R.E., 1974 a  
no protection against superinfection in *Entopolypoides macaci*-infected rhesus monkeys
- Babesia microti*  
Lykins, J. D.; et al., 1975 a, figs.  
human isolant in hamsters, pathogenesis, haematology, serum profile, role of spleen in protection and maintenance of latency, serologic responses, cross-reactions with *B. canis* in gel diffusion and indirect fluorescent antibody tests
- Babesia microtia*  
Mahnert, V., 1972 b, figs.  
*Microtus agrestis* (blood): Alps, Nordtirol, Austria
- Babesia microti*  
Young, A. S.; and Cox, F. E. G., 1971 a  
betamethasone, mice, rats, immune response adversely affected
- Babesia moshkovskii* Laird & Lari, 1957  
Peirce, M. A., 1975 a  
Syn.: *Sogdianella moshkovskii* Schurenkova, 1938
- Babesia motasi*  
Edelsten, R. M., 1975 a  
sheep, goats: all from northern Somalia
- Babesia mujunkumica* [n. comb.]  
Peirce, M. A., 1975 a  
Syn.: *Nuttallia mujunkumica* Yakunin & Krivkova, 1971
- Babesia ovis*  
Edelsten, R. M., 1975 a  
sheep, goats: all from northern Somalia
- Babesia ovis*  
Friedhoff, K. T.; and Scholtzseck, E., 1970 a  
erythrocyte stages, fine structure, development
- Babesia ovis*  
Friedhoff, K. T.; Scholtzseck, E. O.; and Weber, G., 1972 a, figs.  
merozoites in tick salivary glands, fine structure
- Babesia ovis*  
Khalacheva, M., 1974 a  
cross immunity, virulence, three strains, sheep: districts of Kyustendil, Vratsa and Veliko Turnovo
- Babesia ovis*  
Khalacheva, M., 1974 b  
gamma ray irradiation, infected blood, virulence
- Babesia ovis*  
Mehlhorn, H.; and Scholtzseck, E., 1974 a, fig.  
cytological studies, various electron microscopic techniques
- Babesia ovis*  
Scholtzseck, E. O., 1972 a, fig.  
ultrastructure, taxonomic significance
- Babesia ovis*  
Scholtzseck, E. O.; Friedhoff, K.; and Piekarski, G., 1970 a, figs.  
spheroid developmental stage, electron microscopy
- Babesia ovis*  
Scholtzseck, E. O.; and Mehlhorn, H., 1970 a, figs.  
ultrastructure, paired organelles, micronemes and micropores of motile stages
- Babesia ovis*  
Weber, G., 1972 a, fig.  
in tissue of tick embedded in glycol methylacrylate
- Babesia ovis*  
Weber, G.; and Friedhoff, K., 1971 a, figs.  
merozoites in *Rhipicephalus bursa* salivary glands, microscopy, cytochemistry
- Babesia pantherae* sp. nov.  
Dennig, H. K.; and Brocklesby, D. W., 1972 a, 525, 527-531, figs. 1-4  
"In most of these publications the large leopard parasite is referred to as 'an unknown species isolated from a leopard' but Dennig (1967 c [letter designation theirs not Index-Catalogue's]) and Dennig & Hebel (1970) called it *Babesia pantheri*. The first of these papers, however, was not an available publication as defined by the International Code of Zoological Nomenclature and the second was concerned with comparative ultrastructure: it is therefore necessary for a brief description of the parasite to be given in order to establish the name that we have chosen for it, *Babesia pantherae* sp. nov."  
*Panthera pardus*: Kenya  
*Felis domesticus* (exper.)
- Babesia pantheri*  
Dennig, H. K.; and Brocklesby, D. W., 1972 a, 525
- Babesia pantheri*  
Dennig, H. K.; and Hebel, R., 1970 a, 73  
light and electron microscopy  
[This may be the first publication of this name. See Dennig, H. K.; and Brocklesby, D. W., 1972 a.]
- Babesia propithecii* sp. n.  
Uilenberg, G.; Blancou, J.; and Andrianjafy, G., 1972 a, 1-4, 8 figs.  
*Propithecus verreauxi coquereli* (blood): near Majunga (nord-ouest de Madagascar)
- Babesia rodhaini*  
Cox, F. E. G., 1972 a  
protective heterologous immunity between malaria parasites and piroplasms, mice
- Babesia rodhaini*  
Cox, F. E. G., 1972 b  
heterologous immunity with *Anthemiosoma garnhami*, mice
- Babesia rodhaini*  
Cox, F. E. G., 1972 c  
absence of heterologous immunity with *Trypanosoma musculi*, mice

- Babesia rodhaini*  
Hawking, F., 1973 c  
primate infectivity and susceptibility  
*Cebus apella*; *Cercopithecus pygerythrus*; *Papio papio*;  
*Pan troglodytes*; mouse (all exper.)
- Babesia rodhaini*  
Irvin, A. D.; et al., 1975 c, figs.  
fusion of infected mouse erythrocytes and baby hamster  
kidney cells using Sendai virus, no subsequent evidence  
of growth of parasites in BHK cells
- Babesia rodhaini*  
Irvin, A. D.; Omwoyo, P.; and Ledger, M. A., 1973 a  
mice, splenectomy better than irradiation for enhancing  
infection
- Babesia rodhaini*  
McHardy, N., 1973 a  
recovery of mice treated with rabbit-anti-mouse  
erythrocyte serum, stimulates erythropoiesis to com-  
pensate for anemia, other beneficial effects
- Babesia rodhaini*  
McHardy, N., 1974 a  
mice, infection maintained while Eperythrozoon elimina-  
ted by Spirotrypan forte
- Babesia rodhaini*  
Mahmoud, M. M., 1973 a  
splenectomy, course and host range, dogs, cats, rab-  
bits, insusceptible; rats, hamsters and Mongolian ger-  
bils, susceptible
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Momen, H., 1975 a  
identification of parasite enzymes; glucose utilization  
and lactate production in vitro by parasitized erythro-  
cytes; parasite DNA buoyant density
- Babesia rodhaini*  
Nowell, F., 1974 a  
infection in mice with variant hemoglobin types, no  
difference in parasitaemias
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Phillips, R. S., 1971 c  
rats, antigenic variation demonstrated by immunization  
with irradiated parasites (putative variants of a  
reference parent population), cross protection studies
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Roberts, J.A.; and Tracey-Patte, P. D., 1974 a  
mice, infectivity of circulating parasites from  
immune hosts, clearance of parasitized red cells  
by immune hosts
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Roberts, J. A.; and Tracey-Patte, P. D., 1975 a  
immuno-induction of stable, heritable antigenic varia-  
tion
- Babesia rodhaini*  
Roberts, J. A.; and Tracey-Patte, P. D., 1975 b  
mice, passively administered immune serum, effect of  
antibody concentration on neutralization and subsequent  
multiplication of homologous strains
- Babesia rodhaini*  
Rogers, R. J., 1974 a  
rats, serum opsonins, passive transfer of protection,  
in vivo and in vitro
- Babesia rodhaini*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy
- Babesia rodhaini*  
Young, A. S.; and Cox, F. E. G., 1971 a  
betamethasone, mice, rats, immune response adversely  
affected
- Babesia rustica* [n. comb.]  
Peirce, M. A., 1975 a  
Syn.: *Nuttallia rustica* Yakunin & Krivkova, 1971
- Babesia shortti* Corradetti & Scanga, 1964  
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Syn.: *Nuttallia shortti* Mohammed, 1958
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Irvin, A. D.; Sale, J. B.; and Purnell, R. E., 1973 a  
*Rhipicephalus distinctus* probable vector  
*Heterohyrax brucei hindei*; *Procavia habessinica*  
*jacksoni*: all from Kenya
- Babesiasis  
Bakyrzdzhev, K.; et al., 1973 a  
reproduction capacity, rams, Berenil
- Babesiasis  
Dennig, H. K., 1969 c  
exotic cats, significance, veterinary research, review
- Babesiasis  
Fedorov, A. I.; and Karput, I. M., 1970 a  
bovine, immunomorphological changes, hematopoietic  
organs
- Babesiasis  
Giovannelli, N. E.; et al., 1971 a  
cattle, outbreak in "clean" area following introduction  
of infected herd: "La Lucila", Urquiza, Pcia. de  
Buenos Aires
- Babesiasis  
Gunders, A. E., 1971 b  
humans: Israel
- Babesiella berbera* Sergent et al., 1924  
Mimioglu, M.M.; Guler, S.; and Ulutas, M., 1972 a  
morphology  
Rind (Blut): Turkei
- Babesiella bovis*  
Gaidukov, A. Kh., 1965 a  
optimal timing and temperature for conducting comple-  
ment fixation reaction
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Kolabskii, N. A.; et al., 1959 a, fig.  
technique for preserving blood to maintain viability  
of parasite
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Kolabskii, N. A.; et al., 1965 a  
azidine, cattle
- Babesiella bovis* Babés, 1888  
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morphology  
Rind (Blut): Turkei
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Tomasevic, T., 1962 a  
seasonal distribution of tick vectors: Montenegro
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morphology  
Rind (Blut): Turkei
- Babesiella divergens*  
Tomasevic, T., 1962 a  
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morphology  
Rind (Blut): Turkei
- Babesiella ovis*  
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1959 a  
weakening virulence by serial passage
- Babesiella ovis*  
Kuosev, B., 1973 a, figs.  
sheep (blood): Tolbukhinski okrug
- Babesiella ovis*  
Tomasevic, T., 1962 a  
seasonal distribution of tick vectors: Montenegro
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Praks, J., 1970 a  
cattle, chemoprophylaxis
- Bacillidium Janada*. 1928  
Sprague, V., 1970 a  
as syn. of *Mrazekia*, Léger & Hesse, 1916
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- Balantidiasis*  
Chibiras, P. P., 1970 a  
human, clinical picture, complications, diagnosis,  
treatment
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Espinasse, J., 1975 a  
diagnosis, diarrhea, porcine
- Balantidiasis*  
Nikitin, Iu. I.; and Savchenko, V. F., 1970 a  
swine, increased enterokinase and alkaline phosphatase  
in feces, indicative of functional disorder of intestine,  
diagnosis
- Balantidiasis*  
Savchenko, V. F.; and Karput, I. M., 1970 a  
piglets, histopathological changes, gastro-intestinal  
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oocyst production
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host age, sex  
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fig.
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*Anguilla australis*; *A. dieffenbachii* (intestinal wall  
of both): all from New Zealand eel farm near Auckland,  
transported from Hikurangi swamps north of Whangarei
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host age, sex  
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pure line produced from single oocyst and built up in specific-pathogen-free mice, complete life cycle (endogenous and exogenous stages), inability to infect germfree mice
- Eimeria falciformis*  
Pellerdy, L. P.; Schrecke, W.; and Dirr, U., 1970 a  
new-born white mice susceptible to experimental infection
- Eimeria falciformis*  
Scholtyseck, E. O.; and Mehlhorn, H., 1970 a, fig.  
ultrastructure, paired organelles, micronemes and micropores of motile stages
- Eimeria falciformis*  
Scholtyseck, E. O.; Mehlhorn, H.; and Haberhorn, A., 1971 a, figs.  
macrogametes, fine structure
- Eimeria falciformis*  
Scholtyseck, E. O.; Mehlhorn, H.; and Hammond, D., 1971 a, figs.  
macrogametes, oocysts, fine structure
- Eimeria falciformis*  
Scholtyseck, E. O.; Mehlhorn, H.; and Hammond, D. M., 1972 a, figs.  
microgametogenesis, fine structure of microgamonts and microgametes, developmental processes
- Eimeria falciformis*  
Scholtyseck, E. O.; Mehlhorn, H.; and Senaud, J., 1972 a, figs.  
merozoites, subpellicular microtubules, arrangement, possible function in flexing and contraction, electron microscopy
- Eimeria faurei*  
Dzerzhinskii, V. A.; and Svanbaev, S. K., 1970 a  
endogenous cycle of development in lambs
- Eimeria faurei*  
Minck, K., 1968 a, figs.  
ruminants: Zoological Garden Hellabrunn, Munich
- Eimeria faurei*  
Misra, S. C.; and Gautam, O. P., 1970 a  
sheep, sulphadimidine: India
- Eimeria faurei*  
Pout, D. D.; and Catchpole, J., 1974 a  
mixture of 7 species, clinical response, high and low plane of nutrition, coccidia-free lambs
- Eimeria faurei*  
Sevcik, B.; et al., 1974 a  
Clomidol, lambs, moufflons
- Eimeria faurei* (Moussu & Marotel, 1902) Martin 1909  
Subramanian, G.; and Jha, D., 1966 a  
sheep (exper.) (faeces)
- Eimeria ferrisi* Levine and Ivens, 1965  
Chobotar, B.; et al., 1975 a, figs.  
schizogony, fine structure of schizonts, merozoites
- Eimeria ferrisi*  
Scholtyseck, E. O.; and Chobotar, B., 1975 a, figs.  
penetration of host intestinal epithelial cell by merozoite, electron microscopy
- Eimeria ferruginea* n. sp.  
Colley, F. C., 1970 b, 352-353, fig. 1  
Tupaia glis ferruginea (intestinal contents): Bukit Lanjan Forest Reserve, Selangor, Malaysia
- Eimeria freemani* sp. nov.  
Molnar, K.; and Fernando, C. H., 1974 a, 413, 414, fig. 3  
Notropis cornutus (kidney, renal parenchyma and tubes): Laurel Creek, Waterloo, Ontario, Canada
- Eimeria furonis* Hoare, 1927  
Nukerbaeva, K. K.; and Svanbaev, S. K., 1973 a  
brief description  
Mustela vison: Kazakhstan
- Eimeria gallinagoi* Mandal (1964)  
Mandal, A. K., 1971 a  
Gallinago gallinago (faecal): Sundarbans, India
- Eimeria gallopavonis*  
Mitrovic, M.; and Bauernfeind, J. C., 1971 a  
sulfadimethoxine, turkeys
- Eimeria glaucaeae* sp. n.  
Wheat, B. E.; and Ernst, J. V., 1974 a, 403-404, fig. 1  
Neotoma floridana (feces): Eufaula National Wildlife Refuge, Barbour County, Alabama
- Eimeria glenorensis* sp. nov.  
Molnar, K.; and Fernando, C. H., 1974 a, 413, 414, fig. 2  
Morone americana (gut epithelium, feces): Bay of Quinte, Ontario, Canada
- Eimeria gomurica* Musajev et Vejsov, 1963  
Glebezdin, V. S., 1973 a  
description  
Apodemus sylvaticus: Kara-Kala region, Turkmen SSR
- Eimeria gonzalezi* n. sp.  
Lizcano Herrera, J.; and Romero Rodriguez, J., 1972 a, 95, 108, 110, figs. 10-12  
Alectoris rufa (intestino grueso, finales del delgado): proximidades de Granada, Spain
- Eimeria gonzalezi*  
Norton, C. C.; Joyner, L. P.; and Catchpole, J., 1974 a  
"We consider that *E. gonzalezi* may be a synonym of *E. granulosa*."
- Eimeria granulosa*  
Minck, K., 1968 a, figs.  
ruminants: Zoological Garden Hellabrunn, Munich
- Eimeria granulosa*  
Norton, C. C.; Joyner, L. P.; and Catchpole, J., 1974 a  
"We consider that *E. gonzalezi* may be a synonym of *E. granulosa*."

- Eimeria guevarai* n. sp.  
Romero Rodriguez, J.; and Lizcano Herrera, J., 1971 a,  
1,5-6,10, figs. 10,11,12-18,37-38  
key  
pig: Spain
- Eimeria haematodi* n. sp.  
Varghese, T.; and Lindgren, E., 1975 a, 26-31, figs. 1-5  
Trichoglossus haematodus (feces): Port Moresby area,  
Papua New Guinea
- Eimeria hagani*  
Kowalski, L. M.; and Reid, W. M., 1975 a  
roxarsone, chickens, increase in pigmentation after  
medication
- Eimeria hagani*  
Reid, W. M., 1973 a, fig.  
diagnostic chart, differential characteristics
- Eimeria hanekii* sp. nov.  
Molnar, K.; and Fernando, C. H., 1974 a, 413, 418, fig.  
11  
Culaea inconstans (gut epithelium, feces): near Bloom-  
field, Ontario, Canada
- Eimeria hindlei* Yakimoff et Gousseff, 1938  
Glebezdin, V. S., 1974 a  
Mus musculus (intestine): Turkmenistan
- Eimeria hybognathi* sp. nov.  
Molnar, K.; and Fernando, C. H., 1974 a, 413, 416,  
fig. 6  
Hybognathus hankinsoni (gut epithelium, feces):  
Laurel Creek, Waterloo, Ontario, Canada
- Eimeria ictaluri* sp. nov.  
Molnar, K.; and Fernando, C. H., 1974 a, 413, 416, fig. 8  
Ictalurus nebulosus (gut epithelium, feces): Laurel  
Creek, Waterloo, Canada
- Eimeria imantauica* sp. nov.  
Nukerbaeva, K. K.; and Svanbaev, S. K., 1973 a, 53,  
fig. 3  
Alopex lagopus (intestine): Kazakhstan
- Eimeria indentata* Fernando & Remmler, 1973  
Long, P. L., 1974 b  
"the name *E. maxima* var. *indentata* is suggested for  
the time being."
- Eimeria indica* nom. nov. for *E. pavonis* n. sp. Patnaik  
1965, preoccupied  
Patnaik, M. M., 1966 a, 53
- Eimeria intestinalis*  
Köliger, H.-C., 1975 a  
rabbits, course of infection, control, treatment,  
review
- Eimeria intestinalis*  
Pellerdy, L. P.; Schrecke, W.; and Durr, U., 1970 a  
new-born rabbits susceptible to experimental infection
- Eimeria intestinalis*  
Snigirevskaja, E. S.; and Kheisin, E. M., [1970 a]  
developmental stages, micropore present in all except  
microgamete, food vacuoles, micropore possibly func-  
tioning as cytostome
- Eimeria intricata*  
Bergstrom, R. C.; and Maki, L. R., 1974 a  
monensin, lambs, results not meaningful
- Eimeria intricata*  
Bergstrom, R. C.; and Maki, L. R., 1976 a  
lambs, nat. infection, exper. infection with *E. nina-*  
*kohlyakimovae*, monensin-sodium, body weight gains, feed  
conversion; some non-medicated control lambs also in-  
fected with *Trichostrongylus colubriformis*
- Eimeria intricata*  
Minck, K., 1968 a, figs.  
ruminants: Zoological Garden Hellabrunn, Munich
- Eimeria intricata*  
Misra, S. C.; and Gautam, O. P., 1970 a  
sheep, sulphadimidine: India
- Eimeria intricata*  
Pande, B. P.; Bhatia, B. B.; and Chauhan, P. P. S.,  
1966 a, figs.  
endogenous stages, morphology  
sheep (rectal content): India
- Eimeria intricata*  
Pout, D. D.; and Catchpole, J., 1974 a  
mixture of 7 species, clinical response, high and low  
plane of nutrition, coccidia-free lambs
- Eimeria intricata*  
Sevcik, B.; et al., 1974 a  
Clomidol, moufflons
- Eimeria iradiensis* Vejsov, 1963  
Mikeladze, L. G., 1971 b  
Microtus arvalis: Georgia (SSR)
- E[*imeria*] *iradiensis* Vejsov, 1963  
Mikeladze, L. G., 1973 a  
Microtus arvalis: Georgian SSR
- Eimeria iroquoina* sp. nov.  
Molnar, K.; and Fernando, C. H., 1974 a, 413, 416,  
fig. 7  
Notropis cornutus (gut epithelium, feces): Laurel  
Creek, Waterloo, Ontario, Canada
- E[*imeria*] *irresidua*  
Meshkov, St., 1973 a  
rabbits: Bulgaria
- Eimeria ivanovi* Vejsov, 1963  
Mikeladze, L. G., 1971 b  
Microtus arvalis: Georgia (SSR)
- E[*imeria*] *ivanovi* Vejsov, 1963  
Mikeladze, L. G., 1973 a  
Microtus arvalis: Georgian SSR
- Eimeria jerfinica* Musajev et Vejsov, 1963  
Glebezdin, V. S., 1973 a  
description  
Apodemus sylvaticus: Kara-Kala region, Turkmen SSR
- Eimeria klondikensis* n. sp.  
Hobbs, R. P.; and Samuel, W. M., 1974 a, 1079, 1082,  
fig. 2; pl. I, fig. 6  
measurements of sporocysts and oocysts  
Ochotona collaris (feces): Yukon Territory, Canada  
O. princeps (feces): southwestern Alberta  
O. hyperborea yesoensis (feces): Daisetzusan National  
Park, Hokkaido, Japan
- Eimeria kniplingi* "probably"  
Joseph, T., 1973 a  
Sciurus niger rufiventer: St. Joseph's and Elkhart  
counties, Indiana
- Eimeria kofoidi*, Yakimoff y Matikaschwili, 1963  
Lizcano Herrera, J.; and Romero Rodriguez, J., 1972 a,  
figs.  
redescription  
Alectoris rufa (intestino delgado y ciego): Spain
- Eimeria kosti* n. sp.  
Elbihari, S.; and Hussein, M. F., 1974 a, 105-107, figs.  
1-4  
cow (epithelial cells of the abomasum): Kosti area,  
Sudan

- Eimeria krijgsmani* Jakimoff et Gousseff, 1938  
 Glebezdin, V. S., 1974 a  
*Mus musculus* (intestine): Turkmenistan
- Eimeria krilovi* Musajev et Vejsov, 1965  
 Glebezdin, V. S., 1974 a  
*Meriones persicus* (intestine): Turkmenistan
- Eimeria labbeana* Pinto, 1928  
 Diaz-Ungria, C., 1968 e  
*Columba livia domestica*: Venezuela
- Eimeria labbeana* Pinto, 1928  
 Varghese, T., 1975 a, figs.  
 mature macrogamonts, young intracellular oocysts,  
 fine structure  
*Columba livia* (exper.) (ileal mucosa)
- Eimeria larimerensis*  
 Roberts, W. L.; and Hammond, D. M., 1973 a, figs.  
 surface features of oocysts, sporocysts and sporozoites,  
 penetration of cells in cultures by sporozoites,  
 scanning electron microscope study
- Eimeria larimerensis*  
 Speer, C. A.; and Hammond, D. M., 1970 b, figs.  
 development and reproduction in culture
- Eimeria larimerensis*  
 Speer, C. A.; Hammond, D. M.; and Elsner, Y. Y., 1973 b,  
 figs.  
 development of second-generation schizonts, immature  
 gamonts, in cultured cells
- Eimeria laureleus* sp. nov.  
 Molnar, K.; and Fernando, C. H., 1974 a, 413, 417-418,  
 fig. 9  
*Perca flavescens* (gut epithelium, feces): Laurel  
 Creek, Waterloo, Ontario, Canada
- Eimeria leporis*  
 Pellerdy, L. P.; Hönich, M.; and Sugar, L., 1974 a, figs.  
 redescription, development and morphology of endogenous  
 stages and prepatent period, pathogenicity, *Lepus*  
*europaeus*
- Eimeria leuckarti*  
 Fréchette, J. Ls.; and Marcoux, M., 1974 a, figs.  
 cheval (feces): Quebec
- Eimeria li* nov. sp.  
 Golemansky, V., 1975 a, 133-136, fig. 1; pl. 1, figs. 1-5  
*Vulpes vulpes* (gut contents): Nord-Ouest de la  
 Bulgarie
- Eimeria lynceis* sp. n.  
 Anpilogova, N. V.; and Sokov, A. I., 1973 a, 89  
*Felis lynx isabellina* (feces): Turkestansk ridge,  
 Tadzhikistan
- Eimeria macroresidualis* Schulman et Zaika, 1962  
 Vinnichenko, L. N.; et al., 1971 a  
*Gobio albipinnatus tenuicorpus* (spleen): River Zeia  
 (mouth of Budunda)
- Eimeria magna*  
 Hammond, D. M.; et al., 1973 a, figs.  
 intranuclear spindle poles, fine structure
- Eimeria magna*  
 Hammond, D. M.; and Danforth, H. D., 1973 a, figs.  
 abnormal development of conoids
- Eimeria magna*  
 Lölliger, H.-C., 1975 a  
 rabbits, course of infection, control, treatment, review
- E[imeria] magna*  
 Meshkov, St., 1973 a  
 rabbits: Bulgaria
- Eimeria magna*  
 Pellerdy, L. P.; Schrecke, W.; and Dürr, U., 1970 a  
 new-born rabbits susceptible to experimental infection
- Eimeria magna*  
 Speer, C. A.; and Hammond, D. M., 1971 b, figs.  
 cell culture, first- and second-generation schizonts,  
 development
- Eimeria magna*  
 Speer, C. A.; and Hammond, D. M., 1972 b, figs.  
 development of merozoites to mature gametocytes and  
 oocysts in cell culture
- Eimeria magna*  
 Speer, C. A.; Hammond, D. M.; and Elsner, Y. Y., 1973 a,  
 figs.  
 development of various types of schizonts in cell  
 cultures inoculated with merozoites from rabbits
- Eimeria marsica* nov. sp.  
 Restani, R., 1971 a, 309-312, figs. 1-4  
*Ovis aries* (nat. and exper.): Marsica; Olanda
- Eimeria maxima*  
 Abou-El-Azm, I. M.; and Makkawi, T. A., 1972 a  
 antibiotics, high vitamin and fat diet, feed additives,  
 chickens
- Eimeria maxima*  
 Bhatia, B. B.; and Pandey, B. P., 1968 b, figs.  
 life cycle, morphometric data, chicks (exper.)
- Eimeria maxima*  
 Chandra, S.; and Chhabra, M. B., 1972 a  
 Indian domestic fowl: Tarai area, Uttar Pradesh
- Eimeria maxima*  
 Chappel, L. R.; Howes, H. L.; and Lynch, J. E., 1974 a,  
 fig.  
 CP-25, 415, anticoccidial activity, drug susceptibility  
 of various parasite stages, effect on development of  
 immunity, chickens
- Eimeria maxima*  
 Clarke, M. L.; et al., 1974 a  
 monensin, chickens, comparison with other anticoc-  
 cidials
- Eimeria maxima*  
 Fernando, M. A.; et al., 1974 a  
 no host nuclear DNA synthesis induced
- E[imeria] maxima*  
 Gallardo, A. E., 1971 a  
 avian, diagnosis
- Eimeria maxima*  
 Hein, H. E., 1975 a  
 chickens, unmedicated and medicated with Pancocin, im-  
 munity to challenge following mixed immunizing infec-  
 tions with 3 spp. of oocysts
- E[imeria] maxima*  
 Iliushechkin, Iu. P., 1965 a  
 chickens, comparison of furazolidone + furacillin,  
 chlortetracycline, sulfadimezin
- Eimeria maxima*  
 Jeffers, T. K., 1974 a  
 incidence, drug resistance, broiler farms: United  
 States

- Eimeria maxima*  
Joyner, L. P.; and Norton, C. C., 1974 a  
chickens, early cyclophosphamide treatment (chemical bursectomy), reduced capacity for development of immunity, role of serum antibodies in protection
- Eimeria maxima*  
Joyner, L. P.; and Norton, C. C., 1975 a  
robenidine-dependence in a robenidine-resistant strain, first report of drug-dependence among parasitic protozoa
- Eimeria maxima*  
Joyner, L. P.; and Norton, C. C., 1975 b  
passage of two drug-resistant strains together in untreated chicks, resultant oocysts inoculated into chicks treated with both drugs, evidence indicating acquisition of resistance factors by one strain from the other
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Kennett, R. L.; Kantor, S.; and Gallo, A., 1974 a  
robenidine, chickens, in diet
- Eimeria maxima*  
Kowalski, L. M.; and Reid, W. M., 1975 a  
roxarsone, chickens, increase in pigmentation after medication
- Eimeria maxima*  
Kutzer, E., 1972 b  
coccidiostats, poultry, review
- Eimeria maxima*  
Long, P. L., 1974 b  
cross-immunity between 2 strains and with *E. maxima* var. *indentata*, chickens
- Eimeria maxima*  
Long, P. L.; and Rose, M. E., 1972 a  
immune serum, passive protective activity in vivo, causing reduced invasion of cultured chick kidney cells in vitro by sporozoites
- Eimeria maxima*  
Long, P. L.; Tompkins, R. V.; and Millard, B. J., 1975 a  
incidence of coccidial oocysts in broiler house litter, useful indicator of efficacy of anticoccidial drugs
- Eimeria maxima*  
Mehlhorn, H., 1972 a, figs.  
macrogametes, fine structure, development
- Eimeria maxima*  
Mehlhorn, H., 1972 b, figs.  
microgamete fine structure, comparison with other species of *Eimeria* and other sporozoans
- Eimeria maxima*  
Mehlhorn, H., 1972 c, figs.  
microgametogenesis, nuclear divisions, electron microscopy
- Eimeria maxima*  
Mehlhorn, H., 1974 a, figs.  
schizonts and merozoites, schizogony, electron microscopy
- Eimeria maxima*  
Mehlhorn, H.; and Scholtyseck, E., 1972 a  
macrogametes, fine structure
- Eimeria maxima*  
Millard, B. J.; Bradley, J. W. A.; and Long, P. L., 1972 a, figs.  
chicks, schizogony, three generations of schizonts preceding gametogony, all within epithelial cells of intestinal villi
- Eimeria maxima*  
Millard, B. J.; and Long, P. L., 1974 a  
sporozoites, viability, culture, storage, freezing
- Eimeria maxima*  
Mitrovic, M.; and Schildknecht, E. G., 1974 a  
lasalocid, control, chickens
- Eimeria maxima*  
Norton, C. C.; and Hein, H., 1975 a  
immunization with 3 different strains, protection against homologous and heterologous challenge
- Eimeria maxima*  
Norton, C. C.; and Joyner, L. P., 1975 a  
development of strains resistant to buquinolate, methyl benzoquate, clopidol, sulphaquinoxaline, and robenidine, failure to develop resistance against dinitolmide, chicks previously immunized with parent strain were completely protected against challenge with drug-resistant strains
- Eimeria maxima*  
Oikawa, H.; and Kawaguchi, H., 1975 b  
acetylcholine-induced contraction of chicken digestive tract, comparison with other *Eimeria* species
- E[imeria] maxima*  
Pashkin, P. P., 1965 a  
chickens, immunity to primary and challenge infections, furazolidon
- Eimeria maxima*  
Plotnikov, A. S., 1974 a  
incidence, chickens of various ages, treatment: Irkutsk oblast
- Eimeria maxima*  
Reid, W. M., 1973 a, fig.  
diagnostic chart, differential characteristics
- Eimeria maxima*  
Reid, W. M.; Kowalski, L.; and Rice, J., 1972 a  
chickens, anticoccidials with and without growth promoter, roxarsone, immunity
- Eimeria maxima*  
Rose, M. E., 1972 a  
reduced infection in progeny of immunized hens, protective effects of serum or yolk globulin fractions from immunized hens, time factors
- Eimeria maxima*  
Rose, M. E., 1974 a  
chickens, immunizing dose of 250 or 500 oocysts, development of immunity as early as 3 days, compared with less immunogenic *E. tenella*
- Eimeria maxima*  
Rose, M. E., 1974 b  
chickens treated with immune globulin, challenge infections, weight gains, oocyst production, comparison of oral vs. subcutaneous administration of antiserum
- Eimeria maxima*  
Rose, M. E., 1974 c  
antisera from immune chickens, correlation of passive protective activity in vivo and sporozoite neutralizing activity in vitro, precipitating antibodies
- Eimeria maxima*  
Rose, M. E., 1975 a  
enhanced oocyst production in chickens immunized with *E. acervulina*
- Eimeria maxima*  
Ryley, J. F., 1967 d  
methyl benzoquate, chickens
- Eimeria maxima*  
Scholtyseck, E. O.; Mehlhorn, H.; and Hammond, D., 1971 a, figs.  
macrogametes, oocysts, fine structure

- Eimeria maxima*  
Scholtyseck, E. O.; Mehlhorn, H.; and Hammond, D. M., 1972 a, figs.  
microgametogenesis, fine structure of microgamonts and microgametes, developmental processes
- Eimeria maxima*  
Shidlovskii, V. G., 1970 a  
zoalene + furazolidone, chickens
- Eimeria maxima*  
Shirley, M. W., 1975 a  
enzyme variation in different species and strains of *Eimeria*, method for biochemical identification
- Eimeria maxima*  
Soltys, A.; and Wojton, T., 1975 a  
Anticoccid-Biowet, Amprol plus, chickens
- E[*imeria*] *maxima*  
Versényi, L., 1974 a  
Diaveridin + sulphaquinoxalin, Diaveridin + sulphadimethoxin (Rofenon), animals: Hungary
- Eimeria maxima*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy
- Eimeria maxima*  
Voeten, A. G., 1971 a  
broilers, treatment, control, economic importance: Netherlands
- Eimeria maxima*  
Yvone, P. A. E.; et al., 1974 a  
Stenorol, chickens
- Eimeria maxima*  
Yvone, P. A. E.; and Mainguy, P., [1973 a]  
pathogenesis in chicks in relation to carotenoid metabolism: weight gain/loss, color in meat, chemical prophylaxis and treatment, carotenoid administration
- Eimeria maxima* var. *indentata* [n. rank]  
Long, P. L., 1974 b  
oocyst measurements, cross-immunity studies with 2 strains of *E. maxima* and with *E. brunetti*, pathogenicity for chickens
- Eimeria mayurai*  
Bhatia, B. B.; and Pande, B. P., 1968 c, figs.  
life cycle, morphometric data, peafowl (exper.)
- E[*imeria*] *media*  
Meshkov, St., 1973 a  
rabbits: Bulgaria
- Eimeria mehelyi* sp. n.  
Musaev, M. A.; and Gauzer, M. E., 1971 a, 94-96, 1 fig.  
*Rhinolophus mehelyi*: Gadrutsk region, Azerbaidzhan SSR
- Eimeria meleagridis* (or *E. adenoides*)  
Bhatia, B. B., 1968 a, figs.  
black turkeys (rectal and cloacal contents): Lucknow
- Eimeria meleagrimitis*  
Bhatia, B. B., 1968 a, figs.  
black turkeys (rectal and cloacal contents): Lucknow
- Eimeria meleagrimitis*  
Mitrovic, M.; and Baurnfeind, J. C., 1971 a  
sulfadimethoxine, turkeys
- Eimeria metschnikovi* Laveran, 1897  
Vinnichenko, L. N.; et al., 1971 a  
*Gobio albipinnatus tenuicorpus* (intestine, liver, kidney, spleen): River Zeia (mouth of Budunda)
- Eimeria misgurni* Stankovitch, 1923  
Vinnichenko, L. N.; et al., 1971 a  
*Misgurnus fossilis anguillicaudatus* (liver): River Zeia (region of mouth of Budunda)
- Eimeria mitis*  
Chandra, S.; and Chhabra, M. B., 1972 a  
Indian domestic fowl: Tarai area, Uttar Pradesh
- E[*imeria*] *mitis*  
Elchiev, Ia. Ia., 1973 c  
serum protein changes, chickens
- Eimeria mitis*  
Plotnikov, A. S., 1974 a  
incidence, chickens of various ages, treatment: Irkutsk oblast
- Eimeria mitis*  
Reid, W. M., 1973 a, fig.  
diagnostic chart, differential characteristics
- Eimeria mitis*  
Shidlovskii, V. G., 1970 a  
zoalene + furazolidone, chickens
- Eimeria mivati*  
Clarke, M. L.; et al., 1974 a  
monensin, chickens, comparison with other anticoccidials
- Eimeria mivati*  
Kennett, R. L.; Kantor, S.; and Gallo, A., 1974 a  
robenidine, chickens, in diet
- Eimeria mivati*  
Kowalski, L. M.; and Reid, W. M., 1975 a  
roxarsone, chickens, increase in pigmentation after medication
- Eimeria mivati*  
Long, P. L., 1972 c  
chicken embryo choricallantois, various temperatures, oocyst production, viability
- Eimeria mivati*  
Long, P. L., 1973 b, figs.  
"not sufficiently different from *E. acervulina* to be a distinct species... best referred to as *E. acervulina* var. *mivati*"
- Eimeria mivati*  
Long, P. L.; and Millard, B. J., 1973 a  
anticoccidial drugs, chicken embryos
- Eimeria mivati*  
Mitrovic, M.; and Schildknecht, E. G., 1974 a  
lasalocid, control, chickens
- Eimeria mivati*  
Reid, W. M., 1973 a, fig.  
diagnostic chart, differential characteristics
- Eimeria mivati*  
Reid, W. M.; Kowalski, L.; and Rice, J., 1972 a  
chickens, anticoccidials with and without growth promoter, roxarsone, immunity
- Eimeria mivati*  
Ryley, J. F., 1967 d  
methyl benzoquate, chickens
- Eimeria mivati*  
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*Cercopithecus pygerythrus* (nat. and exper.): Primate Center, Covington, Louisiana (origin unknown, probably East Africa)  
*Erythrocebus patas*; *Cercocebus galeritus*; *Papio papio*; *Macaca mulatta* (all exper.)
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increase, metabolic acidosis
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on host cell  
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Nice (Mt Boron)
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periodic structure, proteins as main component  
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fig. 3  
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Eminoscolex toreutus (?) (intestin): Gabon
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118-121, 123, pl. 1, figs. 1-15; pl. 2, figs. 16-19;  
pl. 3, figs. 29-40; pl. 4, figs. 41-46  
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121-122, 132-134, pl. 2, figs. 20-28; pl. 4, figs. 47-52  
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Pará, north Brazil
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schizogony, gametogony, effect on host cells, develops  
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Kepka, O.; and Scholtyseck, E., [1971 a], figs.  
fine structure, cysts containing metrocytes, inter-  
mediate cells, endodyocytes, multiplication by endodyo-  
geny, electron microscopy  
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techniques
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Scholtyseck, E. O., 1972 a, figs.  
ultrastructure, taxonomic significance
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Scholtyseck, E. O., 1973 a, figs.  
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evolution of sporozoan asexual reproduction
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micropores of motile stages
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1970 a  
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characters, electron microscopy  
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wald
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Rommel, M.; and Krampitz, H. E., 1975 a, 338-339, figs.  
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Frankfurter Stadtwald in der Nähe von Schwanheim  
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- Frenkelia glareoli*  
Tadros, W.A.; and Laarman, J.J., 1975 b  
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(Zuid-Holland) and Strijbeek (Noord-Brabant), Nether-  
lands
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Geus, A., 1969 a, 58,304-305, figs. 166a-d  
Cloeon sp., larve: Umgebung von Bayreuth, Germany  
key
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Geus, A., 1969 a, 58,302, figs. 164a-d  
Tachyta nana: Umgebung von Staffelstein, Germany  
key
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Ganymedidae
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pls. 2F-H, 3A-I, 4A-J  
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Plica umbra (blood): Belem, Para, Brazil
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Telford, S. R. (jr.), 1973 a, 835  
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Shaw, 1971) [n. comb.]
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128-129, 134-135, 139, 140, 141, figs. 45-53; pls. 4K, L,  
5A-H  
schizogony, gametogony, effect on host cells, princi-  
pally in proerythrocytes in early, heavier infections,  
largely restricted to mature erythrocytes in older  
chronic infections  
Uranoscodon superciliosa (blood): Belem, Para, Brazil
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Suteu, E.; and Coman, S., 1974 a, figs.  
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Anwar, M., 1974 a, figs.  
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human, marked eosinophilia, case report
- Giardiasis  
Sukolin, G. I., 1971 a  
human intestinal parasites in patients with allergic  
skin diseases: Algeria
- Giardiasis  
Tamayo M., J. O., 1971 a  
incidence survey, pregnant women, clinical symptoms,  
diagnosis
- Giardiasis  
Teotia, S. P. S.; et al., 1969 a  
children, steatorrhea, small bowel abnormalities
- Giardiasis  
Tiunov, V. M., 1966 a  
human, role in gastrointestinal diseases (gastritis,  
colitis)
- Giardiasis  
Tolot, F.; et al., 1969 a  
human, malabsorption syndrome with mixed bacterial  
infection, case report
- Giardiasis  
Vorob'eva, N. K.; and Buevich, V. I., 1967 a  
human, furazolidone treatment
- Giardiasis  
Vorohtsova, N. Ia.; and Batanina, G. I., 1971 a  
children, changes in digestion, amylase activity
- Giardiasis  
Vorohtsova, N. Ia.; and Batanina, G. I., 1973 a  
children, aspiration biopsy, intestinal mucosa,  
structural changes
- Giardiasis  
Zal'nova, N. S., 1973 a  
human, pathology, intestinal dysfunction
- Giardiasis  
Zveriaev, A. P., 1965 a  
children, aminoquinol
- Giardiasis  
Zveriaev, A. P.; and Terletskaja, Z. R., 1965 a  
children, chloridine
- Gigaductidae Filipponi, 1948  
Ormieres, R., 1971 a  
systematic position, "être considérés comme des Néo-  
grégarines"
- Gigaductus anchi  
Ormieres, R., 1971 a, figs.  
intracellular parasitism, ultrastructure of schizogony  
Anchus (tube digestif moyen): Hérault, France
- Glaucoma pyriformis Lwoff, 1922  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Tetrahymena pyriformis* (Ehrenberg, 1830)
- Globidium  
Zasukhin, D. N., 1973 a  
recent research, review
- Globidium-like cysts  
Clark, R. G., 1975 a  
sheep
- Globidium faurei  
Diaz-Ungria, C., 1968 e  
Capra hircus: Venezuela
- Glossatella  
Buza, L.; and Sziklai, F., 1974 a  
ditriphon, *Ictalurus punctatus*, treatment by bathing
- Glossatella cylindrififormis Chen, 1955  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Apiosoma cylindrififormis* (Chen, 1955)

- Glugea hertwigi* Weissenberg, 1921  
Vinnichenko, L. N.; et al., 1971 a  
Hypomesus olidus (muscles, mesentery, gills): River Amur, region of Lake Khivand
- Glugea (Nosema) stephani* (Hagenmüller, 1899)  
McVicar, A. H., 1975 a, pls.  
incidence of infection, degree of infectivity related to high water temperatures, pathogenicity  
*Pleuronectes platessa* (intestine submucosa, rectum, gut mesenteries, connective tissues bounding gut wall and surface of liver) (nat. and exper.): Hunterston, Scotland
- Grahamella* [sp.]  
Buscher, H. N., 1970 a  
*Rattus rattus*; *Tatera indica*; *Mus musculus*; *Suncus murinus*; *Millardia* sp. (blood of all): all from West Pakistan
- Grahamella* [sp.]  
Mahnert, V., 1972 b  
*Apodemus* spp.; *Clethrionomys glareolus*; *Microtus valis* (blood of all): all from the Alps, Nordtirol, Austria
- Grahamella microti* Henry  
Mahnert, V., 1972 b  
*Microtus agrestis* (blood): Alps, Nordtirol, Austria
- Grahamella soricis* Pivora  
Mahnert, V., 1972 b  
*Sorex araneus* (blood): Alps, Nordtirol, Austria
- Grebnekiella* Bhatia, 1938  
Geus, A., 1969 a  
Dactylophoridae
- Grebnekiella giardi* (Léger, 1899), nov. comb.  
Geus, A., 1969 a, 68,490,491, fig. 299  
synonymy  
*Scolopendra africana*; *S. oranensis*
- Gregarina* sp.  
Lawson, F. A.; and Kingston, N., 1974 a  
*Nauphoeta cinerea* (hind gut, gastric caecae)
- Gregarina affinis* Rauchalles n. sp. [nom. nud.]  
Geus, A., 1969 a, 227  
Ennearthron affine: Bamberg (Michaelsberger Wald), Germany
- Gregarina antherophagi* Rauchalles n. sp.  
Geus, A., 1969 a, 53, 154-155, figs. 64a-b  
key  
*Antherophagus nigricornis*; *Philonthus* sp.: all from Erlangen, Germany
- Gregarina bembidii* Rauchalles n. sp.  
Geus, A., 1969 a, 56,227-228, figs. 111a-b  
*Bembidium* sp., larve: Bayreuth (Forkendorf), Kosbach bei Erlangen, Germany  
key
- Gregarina blaberae*  
Avril-Gallant, A.; Bernard, C.; and Schrevel, J., 1974 a  
physiology, transmembrane potential, permeability
- Gregarina blaberae* Fr.  
Phillipe, M.; Fournet, B.; and Schrevel, J., 1975 a  
trophozoites, cysts, carbohydrate composition determined by gas-liquid chromatography, compared with hemolymph of host, *Blaberus cranifer*
- Gregarina blaberae*  
Schrevel, J., 1971 d, fig.  
surface structure
- Gregarina brosci* n. sp.  
Geus, A., 1969 a, 55,204-205, figs. 97a-e  
*Brosicus cephalotes*: Kulmbach (Unterbrücklein), Germany  
key
- Gregarina cerylonis* n. sp.  
Geus, A., 1969 a, 55,202-204, figs. 96a-f  
*Cerylon ferrugineum*; *C. histeroides*: all from Teuchatz, Heiligenstadt (Fränk. Schweiz), Germany  
key
- Gregarina chelidurellae* n. sp.  
Geus, A., 1969 a, 56,239-241, figs. 121a-g  
*Chelidurella acanthopygia*: Erlangen, Nürnberg, Bamberg, Bayreuth, Lohr a. M., Germany  
key
- Gregarina columnata* n. sp.  
Geus, A., 1969 a, 52,138-139, figs. 54a-d  
*Cis cactaneus*: Bamberg (Hauptsmoorwald), Germany  
key
- Gregarina cousinae* Corbel, 1966  
Corbel, J.-C., 1968 f, fig.  
incidence and success of species in relation to fecundity, temperature, humidity, rapidity of gametogenesis, immunological reactions of host, host life cycle
- Gregarina culleata* n. sp.  
Geus, A., 1969 a, 54,187-189, figs. 87a-f  
*Anabolia nervosa*, larve: Bayreuth, Germany  
key
- Gregarina cuneata* (Stein)  
Devauchelle, G., 1968 c, figs.  
ultrastructure of development, trophozoites, sporozoites; paraglycogen bodies, possible function in nutrition
- Gregarina cuneata*  
Devauchelle, G.; and Oger, C., 1968 a, fig.  
measurements, growth, mathematical analysis  
*Tenebrio molitor*
- Gregarina cuneata*  
Korn, H.; and Rühl, H., 1972 a, figs.  
ultrastructure, surface, fibrils, vacuoles, nucleus, microspores
- Gregarina cuneata*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Tenebrio molitor*
- Gregarina diforma* n. sp.  
Nelson, J. K., 1970 a, 25-26, pl. 3, figs. c-e  
*Harpalus fratermus*: Jefferson County, Colorado
- Gregarina dorotheae* n. sp.  
Geus, A., 1969 a, 56,229-231, figs. 113a-d  
*Niptus hololeucus*: Ansbach, Erlangen, Wichsenstein (Fränk. Schweiz), Stammbach, Ofr., Creussen Ofr., Bayreuth, Germany  
key
- Gregarina eccrinifera* n. sp.  
Geus, A., 1969 a, 53,159-160, figs. 67a-d  
*Stenophylax rotundipennis*: Stammbach, Ofr., Germany  
key

- Gregarina elongata* Frantzius, 1846  
Geus, A., 1969 a, 69, 499  
as syn. of *Stylocephalus elongatus* nov. comb.
- Gregarina ernobii* n. sp. Rauchalles  
Geus, A., 1969 a, 54, 179, 180, figs. 82a-b  
key  
*Ernobius abietis*; *Ernobius* sp. (larvae): all from Germany
- Gregarina erotylidarum* n. sp. Rauchalles  
Geus, A., 1969 a, 55, 190-192, figs. 89a-1  
*Scaphidium quadrimaculatum*; *Tritoma bipustulata*:  
all from Staffelstein (Banzer Wald), Ofr., Germany  
key
- Gregarina garnhami* Canning, 1956  
Corbel, J.-C., 1968 f, figs.  
incidence and success of species in relation to fecundity, temperature, humidity, rapidity of gametogenesis, immunological reactions of host, host life cycle  
*Locusta migratoria*
- Gregarina garnhami*  
Harry, O. G., 1971 a  
sporocysts must be ingested for reinfection to occur,  
*Schistocerca gregaria*
- Gregarina haasi* n. sp.  
Geus, A., 1969 a, 527-528, figs. 326a-h  
*Nauphoeta cinerea*: Tansania (Ndanda)
- Gregarina heteroceri* n. sp. Rauchalles  
Geus, A., 1969 a, 54, 183-185, figs. 85a-g  
*Heterocerus sericans*; *Heterocerus* sp., larvae: all from Erlangen, Germany  
key
- Gregarina hylastidis* n. sp. Rauchalles  
Geus, A., 1969 a, 54, 170-171, figs. 75a-e  
key  
*Hylastes ater*; *H. cunicularius*; *H. opacus*: all from Germany
- Gregarina isotomae* n. sp.  
Geus, A., 1969 a, 52, 139-140, figs. 55a-g  
*Isotoma viridis*: Bayreuth, Germany  
key
- Gregarina leucophaeae* n. sp.  
Geus, A., 1969 a, 57, 270, 271, figs. 137a-f  
*Leucophaea madeirae*: Würzburg, Germany  
key
- Gregarina litargi* n. sp.  
Geus, A., 1969 a, 53, 152-154, figs. 63a-f  
*Litargus connexus*: Ehracher Forst, Ofr., Germany  
key
- Gregarina lunata* n. sp. Rauchalles  
Geus, A., 1969 a, 54, 182-183, figs. 84a-e  
*Limnophilus lunatus* (larvae); *Neuronia reticulata*:  
all from Germany  
key
- Gregarina nematiforma* n. sp. Rauchalles  
Geus, A., 1969 a, 56, 226, 227, fig. 110  
*Ennearthron affine*: Bamberg (Michaelsberger Wald), Germany
- Gregarina nipti* n. sp. Rauchalles  
Geus, A., 1969 a, 53, 162-164, figs. 69a-d  
*Niptus hololeucus*: Ansbach, Erlangen, Stammbach, Wichsenstein (Fränk. Schweiz), Creussen, Ofr., Bayreuth, Germany  
key
- Gregarina nitida* n. sp.  
Geus, A., 1969 a, 53, 148-150, figs. 61a-i  
*Oribata clavipes*: Creussen, Ofr., Germany  
key
- Gregarina oblonga* Dufour, 1837  
Geus, A., 1969 a, 342  
as syn. of *Leidyana oblonga* nov. comb.  
key
- Gregarina oribatae* n. sp.  
Geus, A., 1969 a, 55, 209-211, figs. 100a-g  
*Oribata geniculata*: Erlangen, Germany  
key
- Gregarina oxytelopsis* n. sp.  
Geus, A., 1969 a, 53, 144-145, figs. 58a-d  
*Oxytelus tetracarinatedus*: Bad Berneck, i. F., Germany  
key
- Gregarina pahraxonothae* Rauchalles n. sp. [lapsus for *pharaxonothae*]  
Geus, A., 1969 a, 53
- Gregarina pediciae* Rauchalles n. sp.  
Geus, A., 1969 a, 56, 228-229, figs. 112a-c  
*Pedicia rivosa*: Erlangen, Germany
- Gregarina pharaxonothae* Rauchalles n. sp.  
Geus, A., 1969 a, 53, 165-166, fig. 71  
[lapsus p. 53 as *G. pahraxonothae*]  
*Pharaxonotha hirschi*: Nürnberg, Germany  
key
- Gregarina philonthi* Rauchalles n. sp.  
Geus, A., 1969 a, 54, 189-190, figs. 88a-d  
*Philonthus concinnus*; *P. immundus*: all from Kosbach bei Erlangen, Germany  
key
- Gregarina piktyokteinidis* Rauchalles n. sp.  
Geus, A., 1969 a, 53, 166, figs. 72a-b  
*Piktyokteines curvidens*, Imago und Larve: Kronach Ofr., Germany  
key
- Gregarina pityogenidis* Rauchalles n. sp.  
Geus, A., 1969 a, 56, 225, fig. 108  
*Pityogenes bidentatus*: Silberhütte, Opf., Germany  
key
- Gregarina pocadii* Rauchalles n. sp.  
Geus, A., 1969 a, 56, 232-234, figs. 116a-d  
*Pocadius ferrugineus*: Umgebung von Bayreuth, Pommersfelden, Ofr., Germany
- Gregarina poecili* Rauchalles n. sp.  
Geus, A., 1969 a, 56, 232, fig. 115  
key  
*Poecilus lepidus*: Bamberg, Germany
- Gregarina polymorpha* (Hamm)  
Devauchelle, G., 1968 c, figs.  
ultrastructure of development, trophozoites, sporozoites; paraglycogen bodies, possible function in nutrition
- Gregarina polymorpha*  
Devauchelle, G.; and Oger, C., 1968 a, fig.  
measurements, growth, extensive mathematical analysis  
*Tenebrio molitor*



- Gregarina polymorpha*  
Harry, O. G., 1971 a  
sporocysts must be ingested for reinfection to occur,  
*Tenebrio molitor*
- Gregarina polymorpha*  
Korn, H.; and Rühl, H., 1972 a, figs.  
ultrastructure, surface, fibrils, vacuoles, nucleus,  
microspores
- Gregarina polymorpha*  
Snigirevskaia, E. S., 1974 a, fig.; 1974 b, pl.  
structure of septate contacts in syzygium, electron  
microscopic study
- Gregarina polymorpha*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Tenebrio molitor*
- Gregarina polyphagae* n. sp.  
Geus, A., 1969 a, 528-530, figs. 327a-f  
*Polyphaga aegyptiaca*: Agypten (Kairo)
- Gregarina raphidiae* n. sp.  
Achtelig, M., 1974 a, 80-98, figs. 1-8  
development  
*Raphidia maior*; *R. notata*; *R. ophiopsis* (intestine of  
all): Würzburg, German Federal Republic
- Gregarina raptoris* n. sp.  
Geus, A., 1969 a, 55, 217-219, figs. 104a-g  
*Cyphoderes raptor*: Bayreuth, Stammbach, Ofr., Germany  
key
- Gregarina rivularis* n. sp.  
Geus, A., 1969 a, 52, 136-137, figs. 53a-g  
*Omalius rivulare*: Stammbach, Ofr., Germany  
key
- Gregarina scaphosomatis* n. sp. Rauchalles  
Geus, A., 1969 a, 55, 196-197, figs. 92a-d  
*Scaphosoma agaricinum*: Pottenstein (Fränk. Schweiz),  
Germany  
key
- Gregarina signata* n. sp.  
Geus, A., 1969 a, 55, 197-199, figs. 93a-f  
key  
*Ecdyonorus forcipula*, larvae: Fichtelberg i. F.,  
Germany
- Gregarina similis* Foerster, 1938  
Geus, A., 1969 a, 459  
as syn. of *Ancyrophora similis* nov. comb.
- Gregarina spinata* n. sp.  
Geus, A., 1969 a, 53, 167-168, figs. 73a-h  
*Silvanus unidentatus*: Heiligenstadt (Fränk. Schweiz),  
Germany  
key
- Gregarina steini* (Léger-Duboscq)  
Devauchelle, G., 1968 c, figs.  
ultrastructure of development, trophozoites, sporozo-  
ites; paraglycogen bodies, possible function in nu-  
trition
- Gregarina steini*  
Devauchelle, G.; and Oger, C., 1968 a, fig.  
measurements, growth, mathematical analysis  
*Tenebrio molitor*
- Gregarina steini*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Tenebrio molitor*
- Gregarina subtilis* n. sp.  
Geus, A., 1969 a, 52, 141-142, figs. 56a-d  
*Ennearthron affine*: Bayreuth (Altenplos), Germany  
key
- Gregarina troglaphoei* Rauchalles n. sp. [lapsus for *G.*  
*trogophloeii*]  
Geus, A., 1969 a, 134
- Gregarina troglaphoei* Rauchalles n. sp.  
Geus, A., 1969 a, 52, 134-135, figs. 51a-e  
key, [lapsus p. 134 as *G. troglaphoei*]  
*Trogophloeus bilineatus*; *T. rivularis*: all from Kos-  
bach bei Erlangen, Germany
- Gregarina tuerkorum* n. sp.  
Geus, A., 1969 a, 53, 155-157, figs. 65a-m  
*Ptinus latro*: Stammbach, Ofr., Bad Berneck i. F.,  
Bayreuth, Germany  
key
- Gregarina vittata* Rauchalles n. sp.  
Geus, A., 1969 a, 55, 215-217, figs. 103a-g  
key  
*Limnophilus bipunctatus*, larvae; *L. griseus*; *L. vit-*  
*tatus*: all from Umgebung von Bayreuth, Germany
- Gregarina wolfi* n. sp.  
Geus, A., 1969 a, 530-533, figs. 328a-i  
*Nauphoeta*: Tansania (Ndanda)
- Gregarines*  
Haldar, D. P.; and Chakraborty, N., 1974 a  
*Acrida exaltata*  
*Trilophidia annulata*  
*Atractomorpha crenulata*  
*Phleoba antennata*  
*Spathosternum* sp.  
*Gryllotalpa* sp.  
*Gonocephalum* sp.  
*Raphidopalpa foveicollis*  
*Haltica* sp.  
*Aulacophora intermedia*  
*Lema* sp. 1  
*Lema* sp. 2  
*Myllocerus* sp.  
*Xanthoprochilus* sp.  
  
*Lepropus* sp.  
all from Kalyani, West Bengal
- Gregarines*  
Harry, O. G., 1973 a  
description of new species not justified without  
complete morphology (biometrical profile), develop-  
ment, and cross-transmission studies
- Gregarine* sp. 1  
Nelson, J. K., 1970 a, fig.  
*Eleodes extricata*: Jefferson County, Colorado
- Gregarine* sp. 2  
Nelson, J. K., 1970 a, fig.  
*Coniontis* sp.: Jefferson County, Colorado
- Gregarine* sp. 3  
Nelson, J. K., 1970 a, fig.  
*Coniontis* sp.: Jefferson County, Colorado
- Gregarine* sp. 4  
Nelson, J. K., 1970 a, figs.  
*Eleodes nigrina*: Jefferson County, Colorado
- Gregarines*  
Schrevel, J.; Oger, C.; and Wissocq, J. C., 1968 a  
cyst production, influenced by temperature, indepen-  
dent of host sexualization, mathematical analysis  
*Syllis amica* (intestine): region de Cherbourg  
(Nacqueville)
- Gregarinia* Dufour, 1828  
Levine, N. D., 1970 c  
Sporozoea
- Gregarinia*  
Müller, B. E. G.; and Scholtyssek, E., 1974 a  
research, last 12 years, life cycles, development,  
host-parasite relationships, cytochemistry, review

## Gregarina Dufour, 1828

Scholtzsek, E. O.; and Mehlhorn, H., 1970 b  
Sporozoa

## Gregarinida Wenyon, 1926

Geus, A., 1969 a, 603 pp.  
morphology, systematics, keys, monograph: Mitteleuropa

## Gregarinidae Labbé, 1899

Geus, A., 1969 a  
includes: Gregarina Dufour, 1828; Torogregarina nov. gen.; Gigaductus Crawley, 1903; Gamocystis Schneider, 1875; Anisolobus Vincent, 1924; Garnhamia Cruz, 1957; Gregarinoides Fantham, 1925

## Gurleya sp.

Maurand, J.; et al., [1973 a], figs.  
Macrocyclops albidus: Gardon d'Ales and ruisseau La Vene a Issanka (eaux continentales de la region de Montpellier)

## Guyenotia Naville

Ormieres, R.; and Frezil, J.-L., 1969 a  
Actinomyxidia, key

## Gymnodinium pulvisculus

Cachon, J.; and Cachon-Enjumet, M., 1971 b  
comment on Oodinium dogieli (Dogiel) n. sp.: "Ce protiste a été découvert par Dogiel (1910) sur les Alcyonipidae et décrit sous le nom de Gymnodinium pulvisculus. Nous proposons de le nommer O. dogieli puisque la dénomination spécifique de pulvisculus entre déjà en synonymie avec celle d'O. poucheti."

## Gymnodinium pulvisculus

Cachon, J.; Cachon-Enjumet, M.; and Greuet, C., [1971 a]  
"O[odinium] dogieli, parasite d'Annélides, a été décrit par Dogiel en 1910 sous le nom de Gymnodinium pulvisculus."

- Haematoxenus Uilenberg, 1964  
Uilenberg, G.; and Andreasen, M. P., 1974 a  
amendment of definition
- Haematoxenus separatus sp. n.  
Uilenberg, G.; and Andreasen, M. P., 1974 a, 459-464,  
figs. 1-4  
sheep, domestic (blood) (nat. and exper.): Tanzania
- Haematractidium scombri Henry, 1910  
Newborg, M.; and Miller, D., 1975 a  
"parasite of doubtful nature"  
Scomber scombrus (blood): Chincoteague Bay, Virginia
- Haemobartonella Tyzzer et Weinman, 1939  
D'iakonov, L. P., 1973 a  
systematic position
- Haemobartonella [sp.]  
Buscher, H. N., 1970 a  
Rattus rattus; Tatera indica; Nesokia indica; Mus  
musculus; Suncus murinus; Millardia sp.; Funambulus  
pennanti (blood of all): all from West Pakistan
- Haemobartonella sp.  
van Peenen, P. F. D.; et al., 1974 a  
Rattus surifer; R. cremoriventer; Suncus murinus: all  
from Kalimantan, Borneo
- Haemobartonella canis  
McKee, A. E.; Ziegler, R. F.; and Giles, R. C., 1973 a,  
figs.  
morphologic features, scanning and transmission elec-  
tron microscopy
- Haemobartonella canis  
Pryor, W. H. (jr.); and Bradbury, R. P., 1975 a  
research dogs, case reports: Maryland; Texas
- Haemobartonella felis  
Jain, N. C.; and Keeton, K. S., 1973 a, figs.  
morphologic features, scanning electron microscopy
- Haemobartonella felis  
Maede, Y.; and Hata, R., 1975 a  
cats, mechanism of anemia production
- Haemobartonella felis  
Maede, Y.; and Sonoda, M., 1975 a, figs.  
morphology, electron microscope study
- Haemobartonella muris  
Bartlett, R.; and Pease, P., 1975 a  
transmission of latent infection in SPF Italian Wistar  
white rat apparently independent of ectoparasite car-  
riage, condition diminished to extinction in inbred  
line not apparently due to immunity, transmission from  
mother to foetus not directly confirmed
- Haemobartonella muris  
Pessoa, S. B., 1974 a, figs.  
Nectomys squamipes; Oryzomys sp.; Clyomys laticeps  
(blood of all): all from Estado de São Paulo
- Haemobartonellaceae nov. fam.  
D'iakonov, L. P., 1973 a, 24  
Anaplasmina nov. suborder, includes: Haemobartonella,  
Eperythrozoon
- Haemobartonellosis  
Kraft, W., 1974 a  
tetracycline, Leopardus pardinoides, L. pardalis, Prino-  
mailurus viverrinus
- Haemoflagellates  
Krampitz, H. E., 1972 a  
possible evolution, inferred from modern species and  
hosts, brief review
- Hemoflagellates  
McCarthy, D. H., 1974 a  
incidence, estuary and fresh water, host hemoglobin  
Salmo salar: River Exe, Devon
- Haemogregarina sp.  
Forrester, D. J.; and Sawyer, R. T., 1974 a  
Alligator mississippiensis: Florida
- Haemogregarina [sp.]?  
Gonçalves da Costa, S. C.; et al., 1970 a, figs.  
Leptodactylus ocellatus (nervous system): Brazil
- Haemogregarina spp.  
Mohammed, A. N.; and Aliu, Y. O., 1973 a  
Psammodphis sibilans (red blood cells): Zaria, Nigeria
- Haemogregarina (s.l.) sp. A  
Radchenko, N. M., 1973 a  
Agama erythrogastra (blood): Turkmenia
- Haemogregarina (s.l.) sp. B  
Radchenko, N. M., 1973 a  
Agama erythrogastra (blood): Turkmenia
- Haemogregarina [sp.]  
Sen Gupta, M. R., 1974 a, fig.  
mixed infection, trypanosome, common krait: Zoologi-  
cal Gardens, Calcutta
- Haemogregarina achiri Saunders  
Laird, M.; and Morgan, R. P. II, 1973 a  
as syn. of Haemogregarina platessae Lebaillly
- Haemogregarina amphisbaena n. sp.  
Pessoa, S. B., 1968 a, 75-78, figs. 1-5  
Amphisbaena alba (blood): São Paulo and Goiânia pro-  
vinces, Brasil
- Haemogregarina corallus sp. n.  
Pessoa, S. B.; and Cavalheiro, J., 1970 a, 353-354,  
figs. 8-11  
Corallus hortulanus (sangue, pulmão): São Paulo  
C. enydris? (sangue): Amapá
- Haemogregarina delagei  
Khan, R. A., 1972 c, pl.  
erythrocytic stages, development, Raja radiata: New-  
foundland
- Haemogregarina gigas sp. n.  
Pessoa, S. B.; and Cavalheiro, J., 1970 a, 351, 352,  
figs. 1-7  
Hydrodynastes gigas (pulmão, sangue): Mato Grosso  
Haementeria lutzii? (exper.)
- Haemogregarina parasilluri Zmeeff, 1936  
Vinnichenko, L. N.; et al., 1971 a  
Silurus soldatovi (erythrocytes): Amur River (region  
of Lake Khivand)
- Haemogregarina platessae Lebaillly  
Laird, M.; and Morgan, R. P. II, 1973 a, figs.  
Syn.: Haemogregarina achiri Saunders  
Trinectes maculatus (erythrocytes): Patuxent River  
Estuary, Maryland
- Haemogregarina veloxi n. sp.  
Zakharian, V. Z., 1972 a, 61-62, figs. 1-4  
Eremias velox: Buvaidy, Fergana Valley
- Haemogregarines  
Ayala, S. C.; et al., 1973 a, figs.  
Tupinambus sp.; Ameiva ameiva; Didelphis marsupialis;  
Metachirus nudicaudatus; Philander opossum (blood of  
all): all from eastern Colombia
- Haemogregarine  
Desser, S. S., 1973 a, figs.  
description of intraerythrocytic schizonts and game-  
toocytes  
Chelydra serpentina (blood): Algonquin Park, Ontario
- Hemogregarines  
McCarthy, D. H., 1974 a  
incidence, estuary and fresh water, host hemoglobin  
Salmo salar: River Exe, Devon

- Hemogregarine**  
Stabler, R. M.; Kitzmiller, N. J.; and Olsen, O. W., 1975 a  
*Aythya affinis*: Colorado
- Haemogregarine**  
Thurston, J. P., 1970 a, fig.  
*Xenopus* spp. (red blood cells): Uganda
- Haemogregarinidae**  
McKinstry, D. M., 1973 a  
*Thamnophis s. sirtalis*; *Thamnophis s. sauritis*: all from Presque Isle State Park, northwestern Pennsylvania
- Haemoproteus [sp.]**  
Bennett, G. F.; Campbell, A. G.; and Cameron, M., 1974 a  
*Corvus brachyrhynchos*: all from insular Newfoundland
- Haemoproteus spp.**  
Bennett, G. F.; and Coombs, R. F., 1975 a  
vectors  
*Culicoides stilobezzioides*: Avalon Peninsula, Newfoundland
- Haemoproteus [sp.]**  
Gojratl, H.A.N., 1971 a  
pigeons: Hawaiian Islands
- Haemoproteus [sp.]**  
Stabler, R. M.; Kitzmiller, N. J.; and Braun, C. E., 1974 a  
*Dendragapus obscurus*; *Centrocercus urophasianus*; *Lophortyx gambelii*; *Meleagris gallopavo* (blood of all): all from Colorado
- Haemoproteus antigonis de Mello, 1935**  
Bennett, G. F.; et al., 1975 a, figs.  
redescription, neotype designated, key  
*Grus canadensis*: Florida
- Haemoproteus balearicae Peirce, 1973**  
Bennett, G. F.; et al., 1975 a, figs.  
redescription, key
- Haemoproteus caprimulgi sp. nov.**  
Williams, N. A.; Bennett, G. F.; and Mahrt, J. L., 1975 a, 916, 917-918, figs. 1-6  
*Chordeiles minor* (blood): Comon Burn, 18 km west of Courtenay, Vancouver Island, British Columbia, Canada  
*Eurostopodus temmincki* (blood): Subang, Malaysia  
*E. macrotis* (blood): Subang, Malaysia; Palawan and Mindaro, Philippines
- Haemoproteus catenatus sp. n.**  
Pessoa, S. B.; and Cavalheiro, J., 1970 b, 403-404 figs. 1-6  
*Eryolius catenatus* (blood): São Paulo, Brazil
- Haemoproteus ecae Tendeiro, 1947**  
Bennett, G. F.; and Campbell, A. G., 1973 a  
as syn. of *H. halcyonis de Mello, 1935*
- Haemoproteus enucleator**  
Bennett, G. F.; and Campbell, A. G., 1973 a  
key
- Haemoproteus eulabeiae Shakhmatov sp. nov.**  
Shakhmatov, G. N.; Balasanova, G. A.; and Pustovaia, Z. S., 1974 a, 70-72, figs.  
*Eulabeia indica* (blood): lake Zorkul, Tadzhikistan
- Haemoproteus fallisi**  
Bennett, G. F.; and Cameron, M., 1974 a  
seasonal prevalence, passeriform birds: Newfoundland and New Brunswick, Atlantic Canada
- Haemoproteus fallisi**  
Bennett, G. F.; Campbell, A. G.; and Cameron, M., 1974 a  
*Catharus minimus*; *C. ustulatus*; *Turdus migratorius* (blood of all): all from insular Newfoundland
- Haemoproteus fringillae**  
Bennett, G. F.; and Cameron, M., 1974 a  
seasonal prevalence, passeriform birds: Newfoundland and New Brunswick, Atlantic Canada
- Haemoproteus (Parahaemoproteus) fringillae/orizivora**  
Bennett, G. F.; Campbell, A. G.; and Cameron, M., 1974 a  
*Acanthus flammea*; *Junco hyemalis*; *Loxia curvirostra*; *L. leucoptera*; *Melospiza georgiana*; *M. lincolni*; *Passerculus sandwichensis*; *Passerella iliaca*; *Pipilo enucleator*; *Spizella arborea*; *Zonotrichia albicollis*; *Parus atricapillus*; *P. hudsonicus*; *Dendroica petechia*; *D. pinus*; *D. striata*; *Mniotilta varia*; *Seiurus noveboracensis*; *Wilsonia pusilla*; *Catharus minimus*; *C. ustulatus*; *Turdus migratorius*; *Empidonax* spp. (blood of all): all from insular Newfoundland
- Haemoproteus fusca sp. n.**  
Bennett, G. F.; and Campbell, A. G., 1973 a, 337, 338, 342, figs. 13-17  
key  
Syn.: *H. halcyonis* var. *fuscæ de Mello and da Fonseca, 1938*  
*Halcyon chloris*: Siaton and Palawan, Philippines  
*Alcedo atthis*; *Ceyx erithacus*; *C. rufidorsum*; *Halcyon coromanda*; *H. pileata*; *H. smyrnensis*; *Lacedo pulchella*; *Tanyptera galeata*
- Haemoproteus grahami Shortt**  
Radchenko, N. M., 1973 a  
*Agama erythrogastra* (blood): Turkmenia
- Haemoproteus halcyonis de Mello, 1935**  
Bennett, G. F.; and Campbell, A. G., 1973 a, figs.  
redescription, key  
Syn.: *H. ecae Tendeiro, 1947*  
*Halcyon chloris*: Rantau Panjang, Selangor, Malaysia  
*Alcedo atthis*; *Ceyx erithacus*; *C. rufidorsum*; *Halcyon concreta*; *H. coromanda*; *H. lindseyi*; *H. pileata*; *H. smyrnensis*; *Ispidina picta*; *Lacedo pulchella*; *Pelargopsis capensis*; *Tanyptera galeata*
- Haemoproteus halcyonis var. fuscæ de Mello and da Fonseca, 1938**  
Bennett, G. F.; and Campbell, A. G., 1973 a  
as syn. of *H. fusca sp. n.*
- Haemoproteus maccallumi**  
Gutierrez, R. J., 1973 a  
*Zenaidura macroura* (blood): New Mexico
- Haemoproteus (Parahaemoproteus) nettionis**  
Stabler, R. M.; Kitzmiller, N. J.; and Olsen, O. W., 1975 a  
*Anas platyrhynchos*; *A. acuta*; *A. crecca*; *A. discors*; *A. americana*; *Aythya collaris*; *A. affinis*; *Mergus merganser*: all from Colorado
- Haemoproteus orizivora**  
Bennett, G. F.; and Cameron, M., 1974 a  
seasonal prevalence, passeriform birds: Newfoundland and New Brunswick, Atlantic Canada
- Haemoproteus sacharovi**  
Gutierrez, R. J., 1973 a  
*Zenaidura macroura* (blood): New Mexico
- Haemoproteus telfordi sp. nov.**  
Bennett, G. F.; et al., 1975 a, 72, 77, figs. 9-11  
key  
*Lissotis melanogaster*: Kundelungu, 200 km from Lubumbashi (Elizabethville), Katanga province, Zaire
- Haemoproteus tendeiroi Travassos Santos Dias, 1953**  
Bennett, G. F.; et al., 1975 a, figs.  
redescription, neotype designated, key  
*Lissotis melanogaster*: Kundelungu, 200 km from Lubumbashi (Elizabethville), Katanga province, Zaire

- Haemoproteus zasukhini* sp. nov.  
Burtikashvili, L. P., 1973 a, 697-700, figs. 1-2  
Passer domesticus (peripheral blood, liver, spleen, lungs): Gardabani district, Georgian SSR
- Haemosporidia**  
Garnham, P. C. C., 1969 b  
preservation of type specimens, taxonomic implications
- Haemosporidia**  
Hilgenfeld, M.; and Punke, G., 1974 a  
differential diagnosis
- Haemosporidia**  
Miller, B. E. G.; and Scholtyseck, E., 1974 a  
research, last 12 years, life cycles, development, host-parasite relationships, cytochemistry, review
- Haemosporidiosis**  
Georgiev, B., 1973 a  
ixodid tick vectors, livestock
- Hammondia** gen. nov.  
Frenkel, J. K., 1974 a, 125, 135, 146, 147, 149  
very brief description and definition, may be nomen nudum. See also Frenkel, J. K.; and Dubey, J. P., 1975 a and 1975 b  
mt: *H. hammondi* sp. nov.
- Hammondia** new gen.  
Frenkel, J. K.; and Dubey, J. P., 1975 a, 222, 223-224  
Sarcocystidae, mt: *H. hammondi* n. sp.  
[For preliminary description see Frenkel, J. K., 1974 a; see also Frenkel, J. K.; and Dubey, J. P., 1975 b]
- Hammondia** gen. nov.  
Frenkel, J. K.; and Dubey, J. P., 1975 b, 3, 9-10  
Sarcocystidae, mt: *H. hammondi* sp. nov.  
[For preliminary description see Frenkel, J. K., 1974 a; see also Frenkel, J. K.; and Dubey, J. P., 1975 a]
- Hammondia**  
Rommel, M., 1975 a  
recent information on biology, review
- Hammondia hammondi** gen. nov., sp. nov. (mt)  
Frenkel, J. K., 1974 a, 139, 149-150, fig.  
very brief description, may be nomen nudum. See also Frenkel, J. K.; and Dubey, J. P., 1975 a and 1975 b  
cat  
mouse (skeletal muscle); rat; hamster (all exper.)
- Hammondia hammondi** n. sp. (mt)  
Frenkel, J. K.; and Dubey, J. P., 1975 a, 222-224, fig. 1A-D  
obligatory two-host cycle, cross-reacting antibody with *Toxoplasma* antigen in intermediate hosts  
cat (feces): Welden, Iowa  
mice, laboratory; *Mastomys*; hamsters; guinea pigs; *Peromyscus* (muscles of all) (all exper.)  
[For preliminary description see Frenkel, J. K., 1974 a; see also Frenkel, J. K.; and Dubey, J. P., 1975 b]
- Hammondia hammondi** gen. nov., sp. nov. (mt)  
Frenkel, J. K.; and Dubey, J. P., 1975 b, 3, 4-9, 10-11, figs. 1a-b, 2-5  
life cycle, cross-immunity against *Toxoplasma* in some intermediate hosts  
[For preliminary description see Frenkel, J. K., 1974 a; see also Frenkel, J. K.; and Dubey, J. P., 1975 a]
- Hammondia hammondi**  
Dubey, J. P., 1975 a  
cats, immunity unstable; prednisolone did not affect prepatent period or induce parasitism of extraintestinal organs, prolonged patent period
- Hammondia hammondi**  
Dubey, J. P., 1975 b  
oocysts but not cysts infectious to dogs, no lesions found, no oocysts shed, infections proved by infecting cats with dog tissues  
dogs (exper.)
- Haplosporea** Caullery, 1953  
Levine, N. D., 1970 c  
Microspora
- Haplosporea** Caullery, 1953  
Sprague, V., 1970 b  
Microspora  
includes: Haplosporida Caullery & Mesnil, 1899
- Haplosporida** Caullery & Mesnil, 1899  
Sprague, V., 1970 b  
Haplosporea  
includes: Haplosporididae C. & M., 1905; Nephridiophagidae new family
- Haplosporidia** [sp.] "haplosporidian"  
Mix, M. C.; and Sprague, V., 1974 a, figs.  
Ostrea lurida (Leydig tissue): Yaquina Bay and Alsea Bay, Oregon
- Haplosporidiidae** Caullery & Mesnil, 1905  
Sprague, V., 1970 b  
Haplosporida  
includes: Haplosporidium Lühe, 1900; Minchinia Labbé, 1896; Urosporidium C. & M., 1905
- Haplosporidium** Lühe, 1900  
Sprague, V., 1970 b  
Haplosporidiidae
- Haptophyra gigantea** Maupas, 1879  
Dyer, W. G., 1975 a  
parasitism as indicator of food sources  
Typhlotriton spelaeus: Wet Cave, Shannon Co., Missouri
- Haptophyra gigantea** Maupas, 1879  
Dyer, W. G.; and Peck, S. B., 1975 a  
Eurycea lucifuga: Alabama; Tennessee
- Hartmannella**. See *Hartmannella*.
- Hartmannella-Acanthamoeba**  
Bosch, I.; and Deichsel, G., 1972 a, figs.  
strains isolated from reptiles, classification into types, morphology, single linkage cluster analysis
- Hartmannella-type**  
Bosch, I.; and Frank, W., 1972 a  
freeze preservation, liquid nitrogen
- Hartmannella**  
de Carneri, I., 1970 a  
as cause of human meningoencephalitis, chemotherapeutic laboratory trials
- Hartmannella**  
Central Drug Research Institute, Lucknow, 1970 c  
encystment, enzymes, rats
- Hartmannella-Acanthamoeba**  
Frank, W.; and Bosch, I., 1972 a  
species from reptiles, possible pathogenicity for humans
- Hartmannella**  
Frank, W.; Bosch, I.; and Braun, R., 1970 a  
isolated from reptiles, formation of antibodies against *Entamoeba* invadens
- Hartmannella**  
Marino, J.T. (jr.), 1975 a  
primary amebic meningoencephalitis, human
- Hartmannella**  
Sicard, D., 1970 a  
humans, meningitis

- Hartmannella  
Singh, B. N., 1970 a  
pathogenicity, review
- Hartmanella [sp.]  
Bosch, I., 1972 a  
pathogenic to iguana, not to frog  
Iguana iguana (Gehirn); Frösche (intercerebrale)  
(exper.)
- Hartmannella-type  
Frank, W.; and Bosch, I., 1972 a, figs.  
Boa constrictor; Iguana iguana; Caiman crocodylus; Lep-  
tophis mexicanum; Kinosternon subrubrum; Coluber hippo-  
crepis; Varamus varius; Agama planiceps caudospina;  
Claudius angustatus; Cyclura rilleii; Galapagosschild-  
kröte; Testudo radiata; Varamus salvator; Python sebae;  
Vipera russellii; Phelsuma dubia; Heloderma horridum;  
Varamus indicus; Morelia spec.; Kinosternon leucostomum;  
Tiligua rugosa; Ophirosaurus apodus; Corallus caninus;  
Morelia spilotes; Egernia cunninghami; Testudo gigantea;  
T. carbonaria; Varamus spenceri; V. prasinus; Testudo  
spec.; Triturus marmoratus; Megalobatrachus japonicus;  
Bufo marinus
- Hartmannella biparia  
Lo, C.-T., 1972 a, fig.  
infection of human schistosomiasis vector snail, possi-  
ble biological control  
Bulinus spp.: Egypt
- Hartmanella castellanii  
Bosch, I., 1972 a  
amphibians as possible latent carriers  
Frösche (intercerebrale und intraperitoneale) (exper.)
- Hartmannella castellanii  
Bosch, I.; and Frank, W., 1972 a  
freeze preservation, liquid nitrogen
- Hartmannella castellanii  
Rondanelli, E. G.; et al., 1971 b  
pathogenic strain, ultrastructure
- Hartmannella culbertsoni n. sp. [nomen nudum]  
Singh, B. N.; and Das, S. R., 1970 b, 320
- Hartmannella culbertsoni  
Childs, G.E., 1973 a, figs.  
peroxisomes, enzymatic, ultrastructural, and cyto-  
chemical characterization by density gradient centri-  
fugation
- Hartmannella culbertsoni  
Cursons, R. T. M.; and Brown, T. J., 1975 a  
diagnostic characteristics compared with Naegleria  
fowleri and N. gruberi during search for agent of  
human meningoencephalitis
- Hartmannella culbertsoni  
Das, S. R., 1975 a  
antiamoebic agents, rapid method for in vitro testing,  
grown axenically or with bacteria
- Hartmannella culbertsoni Singh and Das, 1970  
Singh, B. N., 1973 b, figs.
- Hartmannella culbertsoni  
Verma, A. K.; and Murti, C. R. K., 1975 a  
action of metronidazole vs. imidazole on growth, encyst-  
ment, cyclic AMP synthesis, and cyclic AMP phosphodies-  
terase activity
- Hartmannella rhyodes Singh, 1952  
Singh, B. N., 1973 b, figs.
- Hartmannellidae  
Gordeeva, L. M., 1973 a  
species causing disease in humans and animals, review
- Hemiophrys  
Hoffman, G. L.; et al., 1975 a  
key
- Hemiophrys macrostoma Chen, 1955  
Vinnichenko, L. N.; et al., 1971 a  
Ctenopharyngodon idella (gills, skin): region of Lake  
Bolon  
Pseudaspius leptcephalus: River Zeia (region of the  
mouth of Budunda)  
Erythroculter mongolicus (nasal fossa): region of  
Petrovsk
- Hemoflagellates. See Haemoflagellates.
- Hemogregarines. See Haemogregarines.
- Henneguya alexeevi Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
Percottus glehni (gills, ovary, musculature): region  
of confluence of Budunda into River Zeia
- Henneguya dogieli Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
Siniperca chua-tsi (gills): Amur River, region of  
Petrovsk; region of Lake Bolon; River Zeia (near mouth  
of River Budunda)
- Henneguya doneci Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
Carassius auratus gibelio (gills, kidney): region of  
Lake Bolon
- Henneguya lobosa  
Lucky, Z., 1974 a  
incidence, diagnosis, control, pond fish
- Henneguya lobosa (Cohn, 1895)  
Vinnichenko, L. N.; et al., 1971 a  
Esox reicherti (gill filaments): River Zeia: region  
of Krasnoiar; region of mouth of Budunda
- Henneguya ophioccephali Chakravarty, 1938  
Vinnichenko, L. N.; et al., 1971 a  
Ophioccephalus argus warpachowskii: region of Lake  
Bolon
- Henneguya psorospermica  
Lucky, Z., 1974 a, fig.  
incidence, diagnosis, control, pond fish
- Hepatocystis sp.  
Canning, E. U.; and Morgan, K., 1975 a, figs.  
nuclear divisions in macrogametocytes
- Hepatocystis sp.  
Canning, E. U.; and Sinden, R. E., 1975 a  
gametocyte nuclear organization, DNA not found in nu-  
cleus of mature microgametocytes or macrogametocytes  
except during gametogenesis  
Callosciurus notatus (blood)
- Hepatocystis [spp.]  
Mull, I.; Lim, B. L.; and Yap, L. F., 1970 a  
infection rates in relation to habitat  
Callosciurus prevostii; C. notatus; C. nigrovittatus;  
C. caniceps; Sundasciurus hippurus; S. tenuis; Ratufa  
bicolor; R. affinis: all from West Malaysia
- Hepatocystis [sp.]  
Mull, I.; Yap, L. F.; and Lim, B. L., 1973 a  
Ratufa affinis; R. bicolor: all from Malaysia
- Hepatocystis sp.  
van Peenen, P. F. D.; et al., 1974 a  
Cynopterus horsfieldii; Megaderma spasma; Callosciurus  
notatus; Cynopterus brachyotis: all from Kalimantan,  
Borneo
- Hepatocystis kochi  
Moore, J. A.; and Kuntz, R. E., 1975 a  
differentiation from Entopolypoides macaci Mayer,  
1934

- Hepatoozon [sp.]  
de Biasi, P.; Pessôa, S. B.; and Belluomini, H. E., 1972 a, figs.  
congenital transmission, occurs only during last stages of pregnancy  
*Crotalus durissus terrificus*; *Crotalus durissus colli-neatus*; *Bothrops moojeni*; *Bothrops neuwiedi*
- Hepatoozon [sp.]  
Buscher, H. N., 1970 a  
*Rattus rattus*; *Tatera indica* (blood of all): all from West Pakistan
- Hepatoozon spec. a  
Mahnert, V., 1972 b, fig.  
*Sorex araneus* (blood): Alps, Nordtirol, Austria
- Hepatoozon? sp. b  
Mahnert, V., 1972 b  
*Pitymys subterraneus* (blood): Alps, Nordtirol, Austria
- Hepatoozon spec. c  
Mahnert, V., 1972 b, figs.  
*Microtus nivalis* (blood): Alps, Nordtirol, Austria
- Hepatoozon sp.  
van Peenen, P. F. D.; et al., 1974 a  
*Rattus tiomanicus*: Kalimantan, Borneo
- Hepatoozon sp.  
Pessoa, S. B., 1974 a, fig.  
*Cryzomys* sp. (bone marrow): Estado de São Paulo
- Hepatoozon spp.  
Pessoa, S. B.; and de Biasi, P., [1974 a]  
difficulty of species differentiation by schizogonic cysts or gametocytes in peripheral blood, snakes: Brazil
- Hepatoozon spp.  
Pessoa, S. B.; and de Biasi, P., [1974 b]  
difficulty of species differentiation by cysts or sporocysts, snakes: Brazil
- Hepatoozon [sp.]  
Sachs, R.; Schaller, G. B.; and Schindler, R., 1971 a  
*Panthera leo*; *Crocuta crocuta* (blood of all): all from Serengeti National Park, Tanzania
- Hepatoozon canis  
Carlos, E. T.; Atienza, L. M.; and Cabiles, C. C., 1971 a, figs.  
dogs: Philippines
- Hepatoozon didelphydis (d'Utra e Silva and Arantes, 1916) "probably"  
Ayala, S. C.; et al., 1973 a  
*Didelphis marsupialis*; *Philander opossum*; *Metachirus nudicaudatus* (blood of all): all from eastern Colombia
- Hepatoozon domerguei  
Canning, E. U.; and Morgan, K., 1975 a, figs.  
direct measurement of DNA by microdensitometry in various life cycle stages, occurrence of zygotic nuclear re-duction and haploid state of postzygotic stages, DNA synthesis in macro- and microgametocytes
- Hepatoozon domerguei  
Landau, I.; et al., 1972 a, figs.  
sporogony, primary and secondary schizogony, endogeny, comparison of life cycle with other coccidians  
*Lacerta muralis*; *L. vivipara*; *L. sicula* (all exper.)
- Hepatoozon erhardovae Krampitz 1964  
Krampitz, H. E., 1972 b  
sporogony  
*Megabothris turbidus*; *Nosopsyllus fasciatus* (all exper.)
- Hepatoozon erhardovae Krampitz, 1964  
Mahnert, V., 1972 b, fig.  
*Clethrionomys glareolus* (blood): Alps, Nordtirol, Austria
- Hepatoozon erhardovae  
Mehlhorn, H.; and Scholtyseck, E., 1974 a, figs.  
cytological studies, various electron microscopic techniques
- Hepatoozon griseisciuri  
Redington, E. C., 1970 a  
life cycle, incidence, intensity, longevity, *Sciurus carolinensis*, development in *Haemogamasus reidi*  
*Sciurus carolinensis*: Washington, D. C. area
- Hepatoozon mauritanicum (Et. et Ed. Sergent, 1904) n. comb.  
Michel, J.-C., 1973 a, figs.  
redescription, gametogenesis, sporogony, schizogony (reexamination of Brumpt's (1938) material)  
Syn.: *Coelomoplasma hyalommae* Brumpt, 1938
- Hepatoozon microti Coles, 1914  
Mahnert, V., 1972 b, fig.  
*Microtus agrestis* (blood): Alps, Nordtirol, Austria
- Hepatoozon rarefaciens  
Ball, G. H.; and Chao, J., 1973 a, figs.  
sporogonous stages, complete development in a *Culex pipiens* cell line
- Hepatoozon roulei (Phisalix & Laveran, 1913)  
Pessoa, S. B.; de Biasi, P.; and de Souza, D. M., 1972 a, figs.  
infection of *Bothrops moojeni* by transfused blood from infected *B. alternatus*, sporulation in *Culex dolosus*
- Hepatoozon sylvatici Coles, 1914  
Mahnert, V., 1972 b, fig.  
*Apodemus flavicollis*; *A. sylvaticus*: *Apodemus* sp. (blood of all): all from the Alps, Nordtirol, Austria
- Herpetomonas megaseliae* Daggett, Dollahon, and Janovy, 1972  
Janovy, J. (jr.); Daggett, P. M.; and Lee, K. W., 1974 a, fig.  
transformation to amastigote in murine macrophages in vitro, cellular alterations, pellicular microtubule re-arrangements, compared with *Leishmania donovani*
- Herpetomonas mirabilis*  
Brun, R., 1974 a, figs.  
ultrastructure, cercoplasmatic and opisthomastigote form in the pyloric region "part of life cycle of *H. muscarum* and not a species of its own"  
*Chrysomya chloropyga* (pyloric region of hind gut): East Africa
- Herpetomonas muscarum*  
Brun, R., 1974 a, figs.  
ultrastructure, promastigote midgut form and culture form "H. mirabilis is part of the life cycle of *H. muscarum* and not a species of its own", life cycle  
*Chrysomya chloropyga* (feces, midgut): East Africa
- Herpetomonas swainei*  
Smirnov, W. A., 1971 a  
transmission by hymenopterous parasites of *Neodiprion swainei*  
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key  
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serologically identical to *Toxoplasma*, large type  
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- Isospora felis*  
Vanparijs, O. F. J.; and Thienpont, D. C., 1973 b  
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Wallace, G. D., 1973 b  
cat (feces): Oahu, Hawaii
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Zaman, V., 1970 e, figs.  
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- Isospora ginginiana* Chakravarty & Kar (1944)  
Mandal, A. K., 1971 a  
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Mandal, A. K., 1971 a  
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Costa, L. R. K., 1970 a, figs.  
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- Isospora hominis*  
Heydorn, A.-O.; et al., 1974 a, figs.  
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Tadros, W. A.; Laarman, J. J.; and van den Eijk, A. A., 1974 a  
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Wonde, T.; and Akao, S., 1973 a, figs.  
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- Isospora lacazei* (Labbé, 1893)  
Mandal, A. K., 1971 a  
*Copsychus saularis*; *Passer domesticus* (faecal of all): all from suburb of Calcutta, India
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Nukerbaeva, K. K.; and Svanbaev, S. K., 1973 a  
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*Mustela vison*: Kazakhstan
- Isospora lonchurae* Mandal & Chakravarty (1964)  
Mandal, A. K., 1971 a  
*Sturnus contra*; *Lonchura punctulata* (faeces of all): all from suburb of Calcutta, India
- Isospora marquardtii*  
Hobbs, R. P.; and Samuel, W. M., 1974 a  
measurements of sporocysts and oocysts  
*Ochotona collaris* (feces): Yukon Territory, Canada  
*O. princeps* (feces): southwestern Alberta
- Isospora mayuri* nom. nov. for *I. pellerdyi* n. sp. Patnaik 1965, preoccupied  
Patnaik, M. M., 1966 a, 53
- Isospora megalaimae* Mandal & Chakravarty (1964)  
Mandal, A. K., 1971 a  
*Megalaima haemacephala* (faecal): suburb of Calcutta, India
- Isospora muniae* Chakravarty & Kar (1944)  
Mandal, A. K., 1971 a  
*Lonchura malacca* (faecal): suburb of Calcutta, India
- Isospora neyrai* n. sp.  
Romero Rodriguez, J.; and Lizcano Herrera, J., 1971 a, 1, 3, 4, 6, 7, 9, figs. 31-36, 39-40  
key  
pig: Spain
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Pellerdy, L. P., 1974 a, 127-131, fig. 1, top  
Syn.: *Isospora rivolta* (Grassi, 1879) Wenyon, 1923, pro parte  
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- Isospora ohioensis* Dubey, 1975  
Streitel, R. H.; and Dubey, J. P., 1976 a  
prevalence  
dogs (feces): humane shelter, Columbus, Ohio
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Glebezdin, V. S., 1974 a  
*Meriones persicus* (intestine): Turkmenistan
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Nukerbaeva, K. K.; and Svanbaev, S. K., 1973 a, 52, fig. 1  
*Vulpes fulvus*; *Alopex lagopus* (intestine of all): all from Kazakhstan
- Isospora pellerdyi* n. sp.  
Patnaik, M. M., 1965 d, 67-68, figs. 1-3  
*Pavo cristatus* (intestinal content): India
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Patnaik, M. M., 1966 a, 53
- Isospora pycnonotae* Mandal & Chakravarty (1964)  
Mandal, A. K., 1971 a  
*Pycnonotus jocosus*; *Turdoides striatus* (faeces of all): all from suburb of Calcutta, India
- Isospora rajulii* n. sp.  
Sathanarayanacharyulu, N.; Rao, T. S.; and Christopher, K. J., 1969 c, 121-122, fig. 1  
mynah
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Christie, E.; Dubey, J. P.; and Pappas, P. W., 1976 a  
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mice (exper.)
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Crestian, J., 1975 a  
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- Isospora rivolta*  
Ito, S.; et al., 1974 a  
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Pellerdy, L. P., 1974 a  
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Pelster, B., 1973 a, figs.  
macrogamete fine structure
- Isospora rivolta*  
Piekarski, G.; and Witte, H. M., 1971 a  
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- Isospora rivolta*  
da Rocha, E. M.; and Lopes, C. W. G., 1971 a, fig.  
oocyst measurements, prepatent periods, time of sporulation, dogs and cats (exper.)
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Rommel, M., 1975 a, figs.
- Isospora rivolta*  
Vanparijs, O. F. J.; and Thienpont, D. C., 1973 b  
cats: Belgium
- Isospora rivolta*  
Wallace, G. D., 1973 b  
cat (feces): Oahu, Hawaii
- Isospora rivolta*  
Zaman, V., 1970 e, figs.  
oocyst morphology, compared with *Toxoplasma gondii*
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Mandal, A. K., 1971 a  
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Kutzer, E.; and Hinaidy, H. K., 1971 a  
*Sus scrofa*: Austria
- Isospora suis*  
Romero Rodriguez, J.; and Lizcano Herrera, J., 1971 a, figs.  
key  
pig: Spain
- Isospora truffitti* sp. nov.  
Nukerbaeva, K. K.; and Svanbaev, S. K., 1973 a, 52-53, fig. 2  
*Vulpes fulvus*; *Alopex lagopus* (intestine of all): all from Kazakhstan
- Isospora upuae* Chakravarty & Kar (1947)  
Mandal, A. K., 1971 a  
*Dicurus adsimilis* (faecal): India
- Isospora vulpina* Nieschulz and Bos, 1933  
Nukerbaeva, K. K.; and Svanbaev, S. K., 1973 a  
brief description  
*Vulpes fulvus*; *Alopex lagopus*: all from Kazakstan
- Isospora xerophila* n. sp.  
Barre, N.; and Troncy, P.-M., 1974 a, 139-147, figs. 1A-E, 2A-F  
pathology, life cycle, epizootiology, oocyte resistance to drying, Amprolium  
*Quelea quelea* (nat. and exper.) (intestine): Tchad  
*Ploceus cucullatus* (nat. and exper.) (intestine): Tchad  
*P. capitalis* (exper.) (intestine)  
*Euplectes oryx* (exper.) (intestine)  
*E. afra* (exper.) (intestine)  
*Sporopipes frontalis* (exper.) (intestine)
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Hobbs, R. P.; and Samuel, W. M., 1974 a, 1079, 1084, fig. 3; pl. I, fig. 7  
measurements of sporocysts and oocysts  
*Ochotona collaris* (feces): Yukon Territory, Canada

- Juxtamesnilella* n. gen.  
de Puytorac, P., [1970 a], 259, 260  
Hoplitophryidae, mt: *J. deronis* n. sp.
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de Puytorac, P., [1970 a], 259-260, figs. 11-12  
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Vinnichenko, L. N.; et al., 1971 a  
*Xenocypris macrolepis* (intestine): Amur River  
(region of Petrovsk)
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Vinnichenko, L. N.; et al., 1971 a  
*Xenocypris macrolepis* (intestine): Amur River  
(region of Petrovsk)
- Karyolysus* [sp.]  
Bergle, R. D., 1970 a  
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*Lacerta sicula* (Endothelien, Sinusräumen, Leber, Lunge,  
Herz, Darmtraktus): Jugoslavia  
*Liponyssus?* (exper.) (Darm, Hämocoel)  
*Lacerta muralis*  
*Lacerta sicula compestris*
- Karyolysus lacazei* Labbe  
Svahn, K., 1974 a, fig.  
seasonal distribution  
*Lacerta agilis*; *L. vivipara*: all from Sweden and Den-  
mark
- Karyolysus lacertae* Danilevsky  
Svahn, K., 1974 a, fig.  
seasonal distribution  
*Lacerta agilis*: Denmark
- Karyolysus latus* Svahn  
Svahn, K., 1974 a, figs.  
seasonal distribution  
*Lacerta agilis*; *L. vivipara*: all from Sweden and Den-  
mark
- Karyolysus minor* Svahn  
Svahn, K., 1974 a, fig.  
seasonal distribution  
*Lacerta agilis*: Sweden and Denmark
- Klossia* sp.  
Golemansky, V., 1975 a, figs.  
oocysts, morphology  
*Vulpes vulpes* (gut contents): Nord-Ouest de la  
Bulgarie
- Klossia helicina*  
Leibenguth, F., 1972 b, figs.  
*Succinea*, kidney epithelial cells, hypertrophy of  
nuclei, increase in DNA
- Klossia helicina*  
Mehlhorn, H.; and Scholtyssek, E., 1972 a  
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Scholtyssek, E. O.; Mehlhorn, H.; and Hammond, D.,  
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macrogametes, oocysts, fine structure
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Schulte, E., 1971 a, figs.  
acid phosphatase, alkaline phosphatase, ATPase, locali-  
zation
- Klossia helicina*  
Schulte, E., 1971 b, figs.  
fine structure of macro- and microgametocytes, culti-  
vation, pinocytosis, observed by feeding thorotrast
- Klossia helicina*  
Schulte, E., 1971 c, figs.  
fine structure, macro- and microgametocytes, mucopoly-  
saccharides, coccidia-glycogen, mucoproteins
- Klossiella* sp.  
Barker, I. K.; Munday, B. L.; and Harrigan, K. E.,  
1975 a, 38, fig. 5  
*Potorous apicalis* (kidney): Winkleigh, Tasmania
- Klossiella callitris* n. sp.  
Barker, I. K.; Munday, B. L.; and Harrigan, K. E.,  
1975 a, 38-40, figs. 7-8  
*Macropus fuliginosus melanops* (kidney): Pine Plains  
Station, via Patchewollock, Victoria
- Klossiella convolutor* n. sp.  
Barker, I. K.; Munday, B. L.; and Harrigan, K. E.,  
1975 a, 35, 38, 39, fig. 4  
*Pseudocheirus peregrinus* (kidney): Prospect, Tasmania
- Klossiella quimrensis* n. sp.  
Barker, I. K.; Munday, B. L.; and Harrigan, K. E.,  
1975 a, 35, 36-38, figs. 1-3  
*Isodon obesulus*; *Perameles gunnii* (kidney of all):  
all from Maria Island, Tasmania
- Klossiella serendipensis* n. sp.  
Barker, I. K.; Munday, B. L.; and Harrigan, K. E.,  
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*Wallabia bicolor* (kidney): Lara, Victoria
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Geus, A., 1969 a
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Joy, J. E., 1976 a  
seasonal distribution, incidence and size of host  
*Leiostomus xanthurus* (gills): Clear Lake, Texas

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- Lainsonia legeri n. sp.  
Landau, I.; et al., 1974 a, 253-261, figs. A-Q  
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Para, Bresil
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Öktem, N., 1966 a  
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intestinalis
- Lambliia intestinalis  
Ambroise-Thomas, P.; et al., 1971 a, fig.  
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presence in duodenal fluids recovered by lavage
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Avenirova, A. I., 1963 a  
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cleator; Zonotrichia albicollis; Dendroica petechia;  
D. striata; Catharus minimus (blood of all): all from  
insular Newfoundland
- Lankesterella [sp.]?  
Goncalves da Costa, S. C.; et al., 1970 a, figs.  
Leptodactylus ocellatus (nervous system): Brazil
- Lankesterella sp., sporozoites  
Heller, G., 1974 a, figs.  
fine structure, Rana pipiens, comparison with other  
Lankesterella species
- Lankesterella sp.  
Peirce, M. A., 1974 b, fig.  
Balearica pavonina gibbericeps (blood): imported into  
England
- Lankesterellidae  
Landau, I.; et al., 1974 a  
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Codreanu, R.; and Codreanu-Balcescu, D., 1971 a  
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Else, J. G.; and Dangsupa, P., 1974 a  
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Malaysia
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Villacarlos, L. T.; and Gabriel, B. P., 1974 a, figs.  
Aedes aegypti (nat. and exper.); A. albopictus: all  
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figs.  
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aegypti
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Garnham, P. C. C., 1973 a, 231, 239, figs. 5-6  
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Geus, A., 1969 a  
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life cycle, characters for determining species
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(Koll) Mingazzini"  
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life cycle  
Nereis pelagica (intestin): Fort de Croy
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diagnosis  
Arabella iricolor (intestinal): Roscoff (Tisaoson)
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Nereis irrorata (intestinale): Pointe aux Oyes (près  
de Wimereux); Penpoull (près de Roscoff)
- Lecudina elongata (Mingazzini). 1891  
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description, life cycle, diagnosis  
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(Fort de l'Heurt et Fort de Croy); Aber de Roscoff
- Lecudina heterocephala (Ming.) 1893  
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description, diagnosis  
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- Lecudina legeri (Brasil) 1909  
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diagnosis  
Glycera convoluta (intestinal); G. alba (intestinal):  
all from Roscoff
- Lecudina pellucida (Koll.)  
Schrével, J.; et al., 1974 a, figs.  
endoplasmic reticulum, cisternae, inclusions with  
periodic structure, proteins as main component  
Perinereis cultrifera



- Lecudina pellucida*  
Vivier, E.; et al., 1970 a, figs.  
surface structure, cytology, electron microscopy  
*Perinereis cultrifera*
- Lecudina pelmatomorpha* n. sp.  
Schrével, J., [1970 d], 561, 572, 574, pl. III, figs. c, e, f  
*Perinereis marionii* (intestinal): Nacqueville (Contentin)
- Lecudina platynereidis* n. sp.  
Schrével, J., [1970 d], 561, 574-576, fig. 4a-j, pl. IV, figs. a-e  
life cycle  
*Platynereis massiliensis* (intestinal): Chenal Ile Verte (Roscoff)
- Lecudina polymorpha* Schrével 1963  
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description, validity of species, diagnosis  
*Lumbriconereis latreilli* (intestinal): région de Roscoff
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Hildebrand, H.; and Vivier, E., 1971 a  
*Nereis diversicolor* (intestinal): Port de Pt. Fort-Philippe (Nord, France)
- Lecudina tuzetae* Schrével 1963  
Schrével, J., [1970 d], figs.  
life cycle, reproduction, description, diagnosis  
*Nereis diversicolor* (intestinal): la Manche
- Lecudina tuzetae*  
Schrével, J., 1971 e  
cyst production, variation in relation to season, sexual maturity of polychaete hosts, temperature and thermal shock
- Lecudina tuzetae* Schr.  
Schrével, J.; and Besse, C., 1975 a, figs.  
male gamete, ultrastructure, mechanism of flagellar movement, origin of flagella, transmission electron microscopy and microcinematography
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Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Nereis diversicolor*
- Lecudinidae* Kamm, 1922  
Geus, A., 1969 a
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Corbel, J.-C., 1968 f  
incidence and success of species in relation to fecundity, temperature, humidity, rapidity of gametogenesis, immunological reactions of host, host life cycle
- Leidyana oblonga* (Dufour 1837), nov. comb.  
Geus, A., 1969 a, 61, 342-344, figs. 195a-h  
Syn.: *Gregarina oblonga* Dufour, 1837  
*Gryllus campestris*; *Nemobius silvestris*; *Locusta migratoria*; *Psophus stridulus*  
key
- Leidyana obtusa* n. sp.  
Geus, A., 1969 a, 61, 345-346, figs. 197a-d  
*Limnophilus flavicornis*, larve: Frankreich (Maxstadt, Mosel)  
key
- Leidyana tinei*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Ephestia kuhniella*
- Leidyana vierlingi* n. sp.  
Geus, A., 1969 a, 61, 346-348, figs. 198a-g  
*Stenophylax torundipennis*, larve: Umgebung von Stambach, Ofr., Germany  
key
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Geus, A., 1969 a  
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Hatem, J., 1970 a  
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infrequency of gross skin lesions among Panamanian forest mammals with cutaneous leishmaniasis, implications of cryptic infections for reservoir host concepts  
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*Mesocricetus auratus* (exper.)
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Dollahon, N.R.; and Janovy, J. (jr.), 1973 a, figs.  
promastigotes, in vitro phagocytosis by lizard leukocytes, inoculation into lizard peritoneal exudate cell cultures
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Dollahon, N. R.; and Janovy, J. (jr.), 1974 a  
*Dipsosaurus dorsalis*; *Ameiva quadrilineata*; *Basiliscus vittatus* (all exper.)
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Saf'ianova, V. M.; and Aliev, E. I., 1973 a  
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Dollahon, N. R.; and Janovy, J. (jr.), 1974 a  
*Cnemidophorus sexlineatus* (exper.)
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Allain, D.S.; and Kagan, I.G., 1975 a  
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infrequency of gross skin lesions among Panamanian forest mammals with cutaneous leishmaniasis, implications of cryptic infections for reservoir host concepts  
*Choloepus hoffmanni*; *Bradypus infuscatus*; *Nasua nasua*; *Aotus trivirgatus*; *Saguinus geoffroyi*; *Bassaricyon gabbi*; *Potos flavus*: all from Republic of Panama
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Levine, N. D., 1970 c  
includes: Microsporea Corliss and Levine, 1963; Haplosporea Caullery, 1953
- Microspora Sprague, 1969  
Sprague, V., 1970 b  
includes: Microsporea Corliss & Levine, 1963; Haplosporea Caullery, 1953
- Microsporea Corliss and Levine, 1963  
Levine, N. D., 1970 c  
Microspora
- Microsporea Corliss & Levine, 1963  
Sprague, V., 1970 b  
Microspora
- Microsporida  
Fowler, J. L.; and Reeves, E. L., 1974 a  
electrophoresis, hydrophobic spore proteins, identification, phylogeny, taxonomy
- Microsporidea [sp.]  
Porte, M.; and Chilmonczyk, S., 1974 a, figs.  
pathology  
Salmo trutta fario; S. gairdneri; Salmo salar; Salvelinus fontinalis: all from South West of France
- Microsporidi[a sp.]  
Chilmonczyk, S., 1975 a, figs.  
Salmo trutta fario; S. salar: all from Bresle river, Normandy
- Microsporidia [sp.]  
Coil, W.H., 1972 a  
Gyrocoelia pagollae
- Microsporidi[a sp.]  
Comps, M.; et al., 1975 a  
Cardium edule (digestive epithelium): riviere d'Auray (Saint-Avoye et Bascatique)
- Microsporidia spore-like bodies  
Cassouma, M. S. S., 1972 a, figs.  
spore dimensions, seasonal incidence, pathogenicity  
Simulium ornatum (mid-gut): Tilling Bourne (Surrey), England
- Microsporidia sp.  
Patnaik, M. M., 1968 a  
Lymnaea auricularia var. rufescens, histopathology muscular tissue, mixed infections with Echinostoma revolutum or Fasciola gigantica
- Mimophrya n. gen.  
de Puytorac, P., [1970 a], 263, 264  
Hoplitophryidae, no type species designated
- Mimophrya acuta n. g., n. sp.  
de Puytorac, P., [1970 a], 260, 264, pl. II, fig. 6, figs. 20-21  
Eminoscolex: Boué (Gabon)
- Mimophrya elegans n. gen., n. sp.  
de Puytorac, P., [1970 a], 263-264, figs. 18-19  
Eminoscolex (intestin): Mekambo (Gabon)
- Minchinia Labbé, 1896  
Sprague, V., 1970 b  
Haplosporidiidae
- Minchinia nelsoni  
Andrews, J. D.; and Frierman, M., 1974 a  
disease patterns, seasonal variations, susceptible disease-free oysters, 1959-1971, transplanted from James River, Virginia
- Mitraspora cyprini Fujita  
Ahmed, A. T. A., 1973 a, figs.  
morphology, life cycle, pathology of host kidney infection  
goldfish (kidney, ureter): Edogawa Ward, Tokyo, Japan
- Mitraspora cyprini Fujita, 1912  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of Sphaerospora cyprini (Fujita, 1912)
- Mixtophrya n. gen.  
de Puytorac, P., [1970 a], 262, 263  
Hoplitophryidae, mt: M. catenula n. sp.
- Mixtophrya catenula n. gen., n. sp. (mt)  
de Puytorac, P., [1970 a], 260, 262-263, pl. II, fig. 5, figs. 15-17  
Dero vaga (intestin): marais Loa-Loa (Gabon)
- Monoceromonas sp.  
Lindmark, D. G.; and Müller, M., 1974 a  
superoxide dismutase activity
- Monoceromonoides orthopterorum  
Peregrine, P. C., 1974 b  
numbers and distribution in hindgut of Periplaneta americana in relation to host dietary changes and interspecific competition with other parasites
- Monoceromonoides pilleata Kirby and Honigberg, 1949  
Jenkins, E.; and Grundmann, A. W., 1973 a  
Spermophilus variegatus utah; S. armatus; S. beldingi crebus; S. townsendi mollis; S. l. lateralis; Ammospermophilus l. leucurus: all from western Utah
- Monoceromonoides robustus Gabel, 1954  
Jenkins, E.; and Grundmann, A. W., 1973 a  
Spermophilus variegatus utah; S. armatus; S. beldingi crebus; S. l. lateralis; Ammospermophilus l. leucurus: all from western Utah
- Monocystella spelaea n. sp.  
Codreanu, R.; and Codreanu-Balcescu, D., 1971 a, 145, 146-148, figs. 1-6  
Dendrocoelum (Dendrocoelides) tismana (parenchyme): grotte du monastère de Tismana (district de Gorj, Olté-  
nie), Romania
- Monocystella swarczewskiyi n. sp.  
Codreanu, R.; and Codreanu-Balcescu, D., 1971 a, 145, 150, 151  
Syn.: Lankesteria sp. Swarczewsky, 1910  
Planaria sp.; Soroceles sp.: all from lac Baikal
- Monocystidae Bitschli, 1896  
Geus, A., 1969 a  
includes: Monocystis Stein, 1848; Neomonocystis nov. gen.; Apolocystis de Martiis, 1923; Nematocystis Hesse, 1909; Rhabdocystis Boldt, 1910
- Monocystis Stein, 1848  
Geus, A., 1969 a  
Monocystidae
- Monocystis sp.  
Vinckier, D., [1970 a], figs.  
ultrastructure, cortical structure  
Lumbricus terrestris (vésicules séminales): région picarde
- Monocystis sp.  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
Lumbricus terrestris
- Monocystis agilis  
McMahan, M. L., 1975 a  
(seminal vesicles of all)  
Pheretima diffringens: East Baton Rouge Parish, Louisiana  
Lumbricus terrestris  
Eisenia foetida
- Monocystis agilis Stein  
Segun, A. O., 1972 a  
Lumbricus festivus: Britain

- Monocystis agilis* Stein  
Vinckier, D., [1970 a], figs.  
ultrastructure, cortical structure  
*Lumbricus terrestris* (vésicules séminales): région picarde
- Monocystis agilis*  
Vivier, E.; et al., 1970 a, figs.  
surface structure, cytology, electron microscopy  
*Lumbricus terrestris*
- Monocystis cambrensis*  
Segun, A. O., 1972 a  
*Eisenia foetida*: Britain
- Monocystis elongata*  
Segun, A. O., 1972 a  
*Eisenia foetida* (seminal vesicles): Britain
- Monocystis herculea*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Lumbricus terrestris*
- Monocystis le memei* Hesse  
Segun, A. O., 1972 a  
*Allolobophora caliginosa*; *A. longa*: all from Britain
- Monocystis lumbrici* Henle  
Segun, A. O., 1972 a  
*Lumbricus rubellus*: Britain
- Monocystis striata* Hesse  
Segun, A. O., 1972 a  
*Lumbricus castaneus*; *L. rubellus*: all from Britain
- Monocystis wallengrenii* Berlin  
Segun, A. O., 1972 a  
*Allolobophora caliginosa*: Britain
- Monoductidae Ray et Chakravarty, 1933  
Geus, A., 1969 a  
includes: *Monoductus* Ray et Chakravarty, 1933
- Monoductus* Ray et Chakravarty, 1933  
Geus, A., 1969 a  
Monoductidae
- Monoica Stejskal*, 1964  
Geus, A., 1969 a  
Monoicidae n. fam.
- Monoicidae n. fam.  
Geus, A., 1969 a, 42, 43  
includes: *Monoica Stejskal*, 1964
- Mononema harpacticolens* sp. n.  
Michajłow, W., 1972 d, 43-44, pls., figs. 1-5  
*Harpacticoida* sp. (eggs, body of larvae): Jabłonna, near Warsaw, Poland
- Mrazekia*, Léger & Hesse, 1916  
Sprague, V., 1970 a  
Syn.: *Bacillidium* Janada, 1928
- Myriosporides amphiglenae*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Amphiglena mediterranea*
- Myxidium boddaerti* new species  
Choudhury, A.; and Nandi, N. C., 1973 a, 48-50, pl. 1, figs. 3-5; fig. 2  
*Boleophthalmus boddaerti* (gut): Port Canning, Sundarbans, 24-Parganas Dist., West Bengal, India
- Myxidium coryphaenoidium* Noble, 1966  
Yoshino, T. P.; and Moser, M., 1974 a  
(gall bladder of all)  
*Coryphaenoides abyssorum*: central California; Oregon  
*C. leptolepis*: central California; Oregon; Washington  
*C. filifer*: Oregon
- Myxidium coryphaenoidium* Noble, 1966  
Yoshino, T. P.; and Noble, E. R., 1973 a  
*Nezumia stelgidolepis* (gall bladder): off southern California
- Myxidium ctenopharyngodonis* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
*Ctenopharyngodon idella* (gall bladder): Amur River in region of Petrovsk
- Myxidium cyprini* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. rhodei* Leger, 1905
- Myxidium kageyamai* Kudo, 1919  
Vinnichenko, L. N.; et al., 1971 a  
*Misgurnus fossilis anguillicaudatus* (gall bladder?): River Zeia in region of mouth of Budunda
- Myxidium lieberkuhni* Bütschli  
Choudhury, A.; and Nandi, N. C., 1973 a, fig. Anabas testudineus (gall bladder): Calcutta  
*Boleophthalmus boddaerti* (gall-bladder): Sagar Island, Sundarbans, 24-Pargana Dist., West Bengal
- Myxidium lieberkuhni* Bütschli, 1882  
Vinnichenko, L. N.; et al., 1971 a  
*Esox reicherti* (urinary bladder): Lake Bolon; Zeia in region of mouth of Budunda; Amur River in region of Lake Khivand
- Myxidium macrocapsulare* Auerbach, 1910  
Vinnichenko, L. N.; et al., 1971 a  
*Leuciscus waleckii* (gall bladder): River Zeia in region of mouth of Budunda
- Myxidium melanostigmum* Noble (1966)  
Noble, E. R.; and Orias, J. D., 1975 a  
*Melanostigma pammelas* (gall bladder): off Southern California
- Myxidium ophiocephali* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
*Ophiocephalus argus warpachowskii* (gall bladder): region of Lake Bolon
- Myxidium orientalis* Schulman, 1969  
Vinnichenko, L. N.; et al., 1971 a  
*Gobio albipinnatus tenuicorpus* (gall bladder): mouth of Budunda
- Myxidium orientalis* Schulman, 1962  
Yoshino, T. P.; and Moser, M., 1974 a  
*Coryphaenoides leptolepis* (gall bladder): central California
- Myxidium pfeifferi* Auerbach, 1908 part.  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. rhodei* Leger, 1905
- Myxidium pseudogobio* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. rhodei* Leger, 1905
- Myxidium rhodei* Léger, 1905  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
(kidney of all)  
*Leuciscus waleckii*: Amur River basin  
*Cyprinus carpio haematopterus*: Lake Bolon  
*Carassius auratus gibelio*: mouth of Budunda
- Myxidium rimsky-korsakowi* Schulman, 1969  
Vinnichenko, L. N.; et al., 1971 a  
*Perccottus glehni* (urinary bladder): Lake near confluence of rivers Budunda and Zeia
- Myxidium truttae* Léger, 1930  
Vinnichenko, L. N.; et al., 1971 a  
*Brachymystax lenok*: Beshenof River (near Lake Khivand)  
*Coregonus ussuriensis*: Amur River in region of Lake Khivand  
(gall bladder of all)
- Myxidium ventricosum* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Thymallus arcticus grubei* (ureter): Beshenof River (near Lake Khivand)

- Myxobilatus ansorgii* Siau, 1971  
Arthur, J. R.; and Margolis, L., 1975 a  
"In the abstract and figure caption of Siau's (1971) paper the name *M. synodontis* n. sp. appears, but in the text the name *M. ansorgii* is proposed for this new species. On the basis of page priority, we retain *M. synodontis* as the valid name!"
- Myxobilatus gasterostei* (Parisi, 1912) *sensu* S. Shulman, 1953  
Arthur, J. R.; and Margolis, L., 1975 a, figs.  
brief description, spore dimensions  
*Gasterosteus aculeatus* (urinary bladder, kidney tubules): Robertson Creek, Great Central Lake drainage, west coast of Vancouver Island, British Columbia
- Myxobilatus mastacembeli* Qadri and Lalitha Kumari, 1965  
Arthur, J. R.; and Margolis, L., 1975 a  
description inadequate, verification of generic affinities required
- Myxobilatus pseudorasbora* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Pseudorasbora parva* (urinary bladder): Amur River in region of Lake Khivand; region of Lake Bolon
- Myxobilatus sinipercae* (Dogiel et Achmerov, 1960)  
Vinnichenko, L. N.; et al., 1971 a  
*Siniperca chuatsi* (urinary bladder): Amur River in region of Petrovsk; region of Lake Bolon; River Zeia in region of mouth of Budunda; region of Lake Khivand
- Myxobilatus synodontis* Siau, 1971  
Arthur, J. R.; and Margolis, L., 1975 a  
description inadequate, verification of generic affinities required; "In the abstract and figure caption of Siau's (1971) paper the name *M. synodontis* n. sp. appears, but in the text the name *M. ansorgii* is proposed for this new species. On the basis of page priority, we retain *M. synodontis* as the valid name!"
- Myxobilatus yukonensis* sp. nov.  
Arthur, J. R.; and Margolis, L., 1975 a, 1663-1667, figs. 1-2  
*Cottus cognatus* (kidney tubules and urinary bladder): Aishihik Lake, Yukon Territory
- Myxobolus* [sp.]  
Lahav, M., 1974 a, figs.  
*Mugil cephalus* (gills, intestine): Israel (sea-water ponds)
- Myxobolus* spp.  
Wiles, M., 1975 a  
*Fundulus diaphanus* (muscle, kidney): freshwater lakes of Nova Scotia
- Myxobolus anisocapsularis* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Hemibarbus labeo* (gill filaments): region of Lake Bolon; River Zeia in region of mouth of Budunda; Amur River in region of Lake Khivand  
*Hemibarbus maculatus* (gill filaments): region of Lake Bolon
- Myxobolus anurus* Cohn, 1895  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxosoma anurus* (Cohn, 1895)
- Myxobolus artus* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
*Cyprinus carpio haematopterus* (intestinal wall, fin, kidney): region of Lake Bolon
- Myxobolus bramae*  
Rauckis, E., 1970 b  
*Rutilus rutilus* (liver): Lake Dusia, Lithuanian SSR
- Myxobolus bramae* Reuss, 1906  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: *Myxobolus mulleri* Schulman, 1962 (gills of all)  
*Cyprinus carpio haematopterus*: River Zeia (region of mouth of Budunda)  
*Carassius auratus gibelio*: region of Lake Bolon
- Myxobolus bramaeiformis* [sic] Dogiel et Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus ellipsoides bramaeiformis* [sic] (Dogiel et Achmerov, 1960) [n. rank?]
- Myxobolus carassii* Klokaceva, 1914  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: *Myxobolus pfeifferi* Thelohan after Achmerov, 1960  
*Carassius auratus gibelio* (gills, intestinal wall, mesentery): region of Lake Bolon
- Myxobolus ctenopharyngodonis* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus ellipsoides bramaeiformis* [sic] (Dogiel et Achmerov, 1960) [n. rank?]
- Myxobolus cycloides* Gurley, 1894, part. after Müller, 1841  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. pseudorasbora* Achmerov, 1960
- Myxobolus cyprini* Doflein, 1898  
Vinnichenko, L. N.; et al., 1971 a  
*Cyprinus carpio haematopterus*: region of Lake Bolon  
*Leuciscus waleckii*: region of Lake Bolon; River Zeia in region of mouth of Budunda  
*Pseudorasbora parva*: region of Lake Bolon  
*Gobio albipinnatus tenuicarpus*: River Zeia in region of mouth of Budunda
- Myxobolus cyprinicola*  
Lucký, Z., 1974  
incidence, diagnosis, control, pond fish
- Myxobolus cyprinicola* Reuss, 1906  
Vinnichenko, L. N.; et al., 1971 a  
*Leuciscus waleckii* (gills): region of Lake Bolon
- Myxobolus dermatobius* (Ishii) Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxosoma dermatobia* (Ishii, 1918)
- Myxobolus dispar*  
Lucký, Z., 1974 a, fig.  
incidence, diagnosis, control, pond fish
- Myxobolus dispar* (Thélohan, 1895)  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: *Disparospora dispar* (Thélohan) Achmerov, 1954  
*Hypophthalmichthys molitrix*: Lake Bolon  
*Cyprinus carpio haematopterus*: Lake Bolon; River Zeia in region of mouth of Budunda  
*Carassius auratus gibelio*: Lake Bolon; River Zeia in region of mouth of Budunda
- Myxobolus dogieli* L. et B. Bychowsky, 1940  
Vinnichenko, L. N.; et al., 1971 a  
*Cyprinus carpio haematopterus*: region of Lake Bolon; region of confluence of Budunda into Zeia  
*Carassius auratus gibelio*: region of Lake Bolon; region of confluence of Budunda into Zeia  
*Phoxinus phoxinus mantschuricus*: region of confluence of Budunda into Zeia
- Myxobolus drjagini* (Achmerov, 1954)  
Vinnichenko, L. N.; et al., 1971 a  
*Hypophthalmichthys molitrix* (subcutaneous tissue, intestinal wall): region of Lake Bolon

- Myxobolus ellipsoides bramaeiformis* [sic] (Dogiel et Achmerov, 1960) [n. rank?]  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Carassius auratus gibelio*: River Zeia, region of mouth of Budunda  
*Cyprinus carpio haematopterus*: River Zeia, region of mouth of Budunda  
*Phoxinus phoxinus mantschuricus*: River Zeia, region of mouth of Budunda  
*Leuciscus waleckii*: region of Lake Bolon; River Zeia, region of mouth of Budunda
- Myxobolus follius* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Pseudaspius leptocephalus* (gills): region of Lake Bolon; region of Lake Khivand; River Zeia (region of mouth of Budunda)
- Myxobolus funduli* Kudo, 1920  
Wiles, M., 1975 a  
*Fundulus diaphanus* (muscle): freshwater lakes of Nova Scotia
- Myxobolus gigi* (Fujita, 1927)  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Pseudobagrus fulvidraco* (kidney): region of Lake Bolon; River Zeia; Amur River in region of Petrovsk  
*Liocassis ussuriensis* (kidney): region of Lake Bolon; River Zeia (region of mouth of Budunda; region of Krasnoiar); region of Lake Khivand  
*Liocassis braschnikowi* (kidney): region of Lake Bolon; River Zeia (mouth of Budunda)  
*Parasilurus asotus* (kidney): River Zeia in region of mouth of Budunda River
- Myxobolus gradicapsularis* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. kawabatae* (Fujita, 1927)
- Myxobolus hemibarbi* Dogiel et Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
(gill filaments of all)  
*Hemibarbus labeo*: region of Lake Bolon; River Zeia (mouth of Budunda); River Amur (region of Lake Khivand)  
*H. maculatus*: region of Lake Bolon
- Myxobolus kawabatae* (Fujita, 1927)  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Pseudobagrus fulvidraco*: region of Lake Bolon; River Zeia; Amur River in region of Petrovsk  
*Liocassis ussuriensis*: region of Lake Bolon; River Zeia (region mouth of Budunda; region of Krasnoiar); region of Lake Khivand  
*Liocassis braschnikowi*: region of Lake Bolon; River Zeia (mouth of Budunda)
- Myxobolus koi* Kudo, 1919  
Vinnichenko, L. N.; et al., 1971 a  
*Cyprinus carpio haematopterus*: region of Lake Bolon  
*Acanthorhodeus asmusi*: River Zeia in region of mouth of Budunda; region of Petrovsk
- Myxobolus kubanicum* I. et B. Bychowsky, 1940  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: *Myxobolus platyostriis* Achmerov, 1960  
*Carassius auratus gibelio* (muscles, liver, spleen): region of Lake Bolon; River Zeia in region of mouth of Budunda
- Myxobolus latus* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Hypophthalmichthys molitrix* (kidney): region of Lake Bolon
- Myxobolus liocassis* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. kawabatae* (Fujita, 1927)
- Myxobolus lussi* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
*Gobio albipinnatus tenuicorpus*: River Zeia in region of the mouth of Budunda  
*G. gobio cyanocephalus*: Amur River in region of Lake Khivand; River Zeia, region of mouth of Budunda  
*Chilogobio czerskii*: River Zeia in region of mouth of Budunda  
*Saurogobio dabryi*: region of Lake Bolon  
*Rostrogobio amurensis*: region of Lake Bolon
- Myxobolus macrocapsularis* Reuss, 1906  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Pseudogobio rivularis*: River Zeia in region of mouth of Budunda
- Myxobolus mexicanus* sp. n.  
Yoshino, T. P.; and Noble, E. R., 1973 a, 844, 849, figs. 9-11  
*Coelrohynchus scaphopsis* (kidney): off Baja California (gulf side), Mexico
- Myxobolus microcapsularis* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus ellipsoides bramaeiformis* [sic] (Dogiel et Achmerov, 1960) [n. rank?]
- Myxobolus miyairii* Kudo, 1919  
Vinnichenko, L. N.; et al., 1971 a  
*Silurus soldatovi*: region of Lake Bolon  
*Parasilurus asotus*: region of Lake Bolon; River Zeia in region of mouth of Budunda
- Myxobolus miyairii* (Fujita) after Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. gigi* (Fujita, 1927)
- Myxobolus mülleri* (cycloides)  
Rauckis, E., 1970 b  
*Rutilus rutilus* (kidney): Lake Dusia, Lithuanian SSR
- Myxobolus mülleri* Bütschli, 1882  
Vinnichenko, L. N.; et al., 1971 a  
*Lota lota* (gills, intestinal wall): River Zeia (mouth of Budunda)
- Myxobolus mülleri* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus bramae* Reuss, 1906
- Myxobolus multihospitis* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus ellipsoides bramaeiformis* [sic] (Dogiel et Achmerov, 1960) [n. rank?]
- Myxobolus multilocapsularis* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. gigi* (Fujita, 1927)
- Myxobolus multiplex* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus macrocapsularis* Reuss, 1906
- Myxobolus muscoli* Keysselitz, 1908  
Vinnichenko, L. N.; et al., 1971 a  
(muscle of all)  
*Carassius auratus gibelio*: Lake Bolon  
*Leuciscus waleckii*: Lake Bolon; Zeia near mouth of Budunda  
*Phoxinus phoxinus*: Amur River in region of Lake Khivand  
*P. phoxinus mantschuricus*: Zeia near mouth of Budunda  
*Acanthorhodeus asmusi*: Zeia near mouth of Budunda  
*Opsariichthys uncirostris amurensis*: Zeia near mouth of Budunda
- Myxobolus oviformis* Thelohan, 1882  
Vinnichenko, L. N.; et al., 1971 a  
*Cyprinus carpio haematopterus*: region of Lake Bolon  
*Carassius auratus gibelio*: mouth of Budunda

- Myxobolus pawlowskii* (Achmerov, 1954)  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: *Disparospora pawlowskii* Achmerov, 1954  
*Hypophthalmichthys molitrix* (gills): Lake Bolon
- Myxobolus pfeifferi* Thelohan after Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus carassii* Klokaceva, 1914
- Myxobolus phylloides* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Hypophthalmichthys molitrix* (mesentery, kidney):  
region of Lake Bolon
- Myxobolus physophylus* Reuss, 1906  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus macrocapsularis* Reuss, 1906
- Myxobolus platyrostri* Achmerov, 1960  
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Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. gigi* (Fujita, 1927)
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Syn.: *M. cycloides* Gurley, 1894, part. Miller, 1841  
*Pseudogobio rivularis*: Zeia in region of mouth of  
Budunda
- Myxobolus soldatovi* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
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- Myxobolus solidus* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Carassius auratus gibelio* (gills): Lake Bolon
- Myxobolus sprostoni* Schulman, 1962  
Vinnichenko, L. N.; et al., 1971 a  
*Silurus soldatovi*: Lake Bolon  
*Parasilurus asotus*: Lake Bolon; River Zeia, region  
of the mouth of Budunda
- Myxobolus squamae* Keyssselitz, 1908  
Vinnichenko, L. N.; et al., 1971 a  
*Cyprinus carpio haematopterus* (scales): region of Lake  
Bolon
- Myxobolus subtecalis* Bond, 1938  
Wiles, M., 1975 a  
*Fundulus diaphanus* (skin): freshwater lakes of  
Nova Scotia
- Myxobolus toyamai* Kudo, 1915  
Vinnichenko, L. N.; et al., 1971 a  
*Cyprinus carpio haematopterus* (gills): region of  
Lake Bolon; River Zeia in region of mouth of Budunda
- Myxobolus tunicatus* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *M. kawabatae* (Fujita, 1927)
- Myxobolus uniporus* Fujita, 1927  
Vinnichenko, L. N.; et al., 1971 a  
*Liocassis ussuriensis*: region of Lake Bolon  
*L. braschnikovi*: " " "  
*Pseudobagrus fulvidraco*: River Zeia, region of mouth  
of Budunda
- Myxobolus vescus* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Myxobolus macrocapsularis* Reuss, 1906
- Myxoproteus abyssus* sp. n.  
Yoshino, T. P.; and Moser, M., 1974 a, 655-657, figs. 1-  
3  
*Coryphaenoides abyssorum* (urinary bladder and ducts):  
Farallon Islands (off central California)
- Myxoproteus californicus* sp. n.  
Yoshino, T. P.; and Noble, E. R., 1973 a, 844, 847-849,  
figs. 6-8  
*Coryphaenoides acrolepis* (urinary bladder): off San  
Diego, California
- Myxoproteus californicus* Yoshino & Noble, 1973  
Yoshino, T. P.; and Moser, M., 1974 a  
*Coryphaenoides pectoralis* (urinary bladder, kidney  
tubules): northern California; Washington  
*C. acrolepis* (urinary bladder): northern California
- Myxosoma acuta* (Fujita, 1912)  
Vinnichenko, L. N.; et al., 1971 a  
*Carassius auratus gibelio* (gill filaments, intestinal  
wall, liver): region of Lake Bolon
- Myxosoma anurus* (Cohn, 1895)  
Vinnichenko, L. N.; et al., 1971 a  
synonymy  
*Esox reicherti* (gill filaments): region of Lake Bolon;  
River Zeia (region of Krasnoiar; mouth of Budunda Ri-  
ver); Amur River in region of Lake Khivand
- Myxosoma cerebrealis*  
Cotos, M.; and Rothenbacher, H., 1974 a  
diagnosis, spore concentration techniques: mechanical  
homogenation and chemical digestion of infected trout  
tissues
- Myxosoma cerebrealis*  
Halliday, M. M., 1974 a  
epidemiology, sanitation, ecological control, trout  
farms: Denmark; Scotland; Ireland
- Myxosoma cerebrealis*  
Halliday, M. M., 1974 b, figs.  
immunofluorescence, antibody response in rabbits, not  
in rainbow trout
- Myxosoma cerebrealis*  
Markiw, M. E.; and Wolf, K., 1974 a  
isolation and concentration, fish skeleton, sequential  
enzymatic digestions, differential centrifugation
- Myxosoma cerebrealis*  
Markiw, M. E.; and Wolf, K., 1974 b  
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physical and biophysical methods
- [*Myxosoma cerebrealis*] whirling disease  
O'Grodnick, J., 1975 a  
transmission via fertilized eggs from infected trout,  
*Salmo gairdnerii*, not seen in three years of removing  
eggs from infected parents before hatching, such trans-  
mission highly unlikely in hatcheries
- Myxosoma cerebrealis*  
Pauley, G. E., 1974 a  
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antigens of rainbow trout, unsuccessful detection of  
asymptomatic carrier fish using spore antigens
- Myxosoma cerebrealis*  
Rydlo, M., 1975 a  
*Salmo gairdneri* (head), spore recovery, artificial di-  
gestion, mechanical disintegration; counting, hemacyto-  
meter
- Myxosoma cerebrealis*  
Tidd, W. M.; Tubb, R. A.; and Wright, V., 1973 a  
spore, extraction, estimation of numbers, rainbow  
trout, *Salmo gairdneri* (heads)
- Myxosoma cyprini* sp. n.  
Spall, R. D., 1974 a, 169-171, figs. 1-2  
*Notropis lutrensis*; *Notemigonus crysoleucas* (extravasal  
in proximal portion of secondary gill lamellae of all):  
all from Payne County, Oklahoma



- Myxosoma dermatobia* (Ishii, 1918)  
 Vinnichenko, L. N.; et al., 1971 a  
 synonymy  
*Oncorhynchus keta* (skin): region of Lake Khivand (Amur River)
- Myxosoma dujardini* Thélohan, 1899 part.  
 Vinnichenko, L. N.; et al., 1971 a  
 as syn. of *Myxosoma anurus* (Cohn, 1895)
- Myxosoma sacchalinesis* (Fujita, 1924)  
 Vinnichenko, L. N.; et al., 1971 a  
*Carassius auratus gibelio* (kidney): region of Lake Bolon
- Myxospora* Sprague, 1969  
 Levine, N. D., 1970 c  
 includes: *Myxospora Bütschli*, 1881
- Myxospora Bütschli*, 1881  
 Levine, N. D., 1970 c  
 Myxospora  
 includes: *Myxosporida Bütschli*, 1881; *Actinomyxida* Stolc, 1889; *Paramyxida* Chatton, 1911
- Myxosporida Bütschli*, 1881  
 Levine, N. D., 1970 c  
 Myxospora
- Myxosporida* [sp.]  
 Wiles, M., 1975 a  
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 Bauer, O. N.; and Gusev, A. V., 1969 a  
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de Carneri, I., 1970 a  
as cause of human meningoencephalitis, chemotherapeutic laboratory trials
- Naegleria* (strain 161 A)  
Chang, S. L.; et al., 1975 a, figs.  
pathogenic strain isolated from human nasal swab, scanning electron microscopy, development, culture
- Naegleria*  
Frank, W.; and Bosch, I., 1972 a  
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Lao, L. M., 1970 a  
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- Naegleria*  
Marino, J.T. (jr.), 1975 a  
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- Naegleria*, probably *fowleri*  
Markowitz, S. M.; et al., 1974 a, figs.  
association of myocarditis with primary amoebic meningoencephalitis, human
- Naegleria*  
Martinez, A.J.; et al., 1971 a, figs.  
primary meningoencephalitis in mice almost identical to human infection, electron microscopic morphology as possible murine model
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Sicard, D., 1970 a  
humans, meningitis
- Naegleria*  
Visvesvara, G. S.; and Healy, G. R., 1975 a  
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- Naegleria* (strain 161 A)  
Visvesvara, G.S.; and Healy, G.R., 1975 b, fig.  
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- Naegleria* sp.  
Carter, R. F., 1969 a  
isolate from fatal human case of primary amoebic meningoencephalitis, drug sensitivity trials, amphotericin B highly amoebicidal
- Naegleria* sp.  
Phillips, B.P., 1974 a, fig.  
strain from human case of fatal meningoencephalitis, intranasal inoculation into germ-free guinea pigs resulted in severe fatal encephalitis; potential public health problem
- Naegleria* sp.  
Sotelo-Avila, C.; Taylor, F. M.; and Ewing, C. W., 1974 a, figs.  
meningoencephalitis, human, case report: Texas
- Naegleria aerobia* n. sp. [nomen nudum]  
Singh, B. N.; and Das, S. R., 1970 b, 320
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Das, S. R., 1975 a  
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Lastovica, A. J., 1974 a  
as syn. of *Naegleria fowleri* Carter (1970)
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Singh, B. N., 1973 b, figs.
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Anderson, K.; and Jamieson, A., 1972 a  
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De Jonckheere, J.; and van de Voorde, H., 1976 a, fig.  
cysticidal action of chlorine, laboratory comparisons with nonpathogenic *Naegleria* sp. and *Acanthamoeba* spp.
- Naegleria fowleri*  
van den Driessche, E.; et al., 1973 a  
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Jamieson, A., 1975 a  
clotrimazole, ineffective against 18 strains in mice
- Naegleria fowleri*  
Jamieson, A.; and Anderson, K., 1974 a  
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- Naegleria fowleri* Carter (1970)  
Lastovica, A. J., 1974 a, figs.  
scanning electron microscopy of cysts, synonymy
- Naegleria fowleri*  
Visvesvara, G.S.; and Healy, G.R., 1975 b  
*Naegleria* strain 161 A reclassified as *N. fowleri*, axenic culture, pathogenicity in mice
- Naegleria fowleri* (Carter, 1970)  
Wong, M. M.; Karr, S. L. (jr.); and Balamuth, W. B., 1975 a, fig.  
susceptibility of Old World monkeys to meningoencephalitis, route of inoculation, clinical picture, pathogenicity in relation to strain virulence, growth phase and cultural condition of amoebae, and host factors  
*Macaca fascicularis*; *M. mulatta*; *M. nemestrina*; *M. radiata*; *M. arctoides* (all exper.)
- Naegleria gruberi*  
Cursons, R. T. M.; and Brown, T. J., 1975 a  
*N. gruberi* proved as agent in New Zealand cases of human meningoencephalitis previously diagnosed as caused by a myxomycete; diagnostic characteristics compared with *N. fowleri* and *Hartmannella culbertsoni*
- Naegleria gruberi*  
Jadin, J. B., 1973 b  
hypotheses about mechanism of acquisition of virulence
- Naegleria gruberi*  
Lastovica, A. J., 1974 a, figs.  
scanning electron microscopy of cysts
- Naegleria invades* (Chang, 1971)  
Lastovica, A. J., 1974 a  
as syn. of *Naegleria fowleri* Carter (1970)
- Nematocystis* Hesse, 1909  
Geus, A., 1969 a  
Monocystidae

- Nematocystis dendrobaenae* Segun  
Segun, A. O., 1972 a  
*Dendrobaena subrubicunda* f. *typica*: Britain
- Nematocystis elmassiani*  
Segun, A. O., 1972 a  
*Eisenia foetida*: Britain
- Nematocystis magna*  
MacMillan, W. G., 1973 a, pls.  
*Lumbricus terrestris*, attachment organelles, structure of junction with host cells, permeability, radioactive tracer studies
- Nematocystis magna* Schmidt  
Vinckier, D., [1970 a], figs.  
ultrastructure, cortical structure  
*Lumbricus terrestris* (vésicules séminales): région picarde
- Nematocystis magna*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Lumbricus terrestris*
- Nematopsis* n. sp.  
Jones, J. B., 1975 a, 567-568, fig. 1  
*Perna canaliculus*: Ahipara, New Zealand
- Neoactinomyxon* Granata  
Ormières, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidia*, key
- Neogregarinida* sp.  
Henry, J. E., 1969 c, figs.  
life cycle, pathology, grasshoppers
- Neomonocystis* nov. gen.  
Geus, A., 1969 a, 70, 522  
Monocystidae  
tod: *N. lithobii* Rauchalles n. sp.  
key
- Neomonocystis lithobii* n. g., Rauchalles n. sp. (tod)  
Geus, A., 1969 a, 70, 522-523, figs. 322a-c  
*Lithobius mutabilis*; *L. muticus*; *L. piceus*: all from Erlangen (Rathsberg), Germany  
key
- Neoschneideria* Ormières, Manier et Matthiez, 1965  
Geus, A., 1969 a  
Sphaerocystidae
- Nephridiophaga* Ivanic, 1937  
Sprague, V., 1970 b  
Nephridiophagidae new family
- Nephridiophaga forficulae* (Leger, 1909)  
Ormières, R.; and Manier, J. F., 1973 a, figs.  
development in *Forficula auricularia* (Malpighian tubes) (nat. and exper.), schizogony, sporogony: Ardeche
- Nephridiophagidae* new family  
Sprague, V., 1970 b, 328  
Haplosporida  
includes: *Nephridiophaga* Ivanic, 1937; *Physcosporidium* Awerinzew, 1925
- Nina giardi* Sokolow, 1911  
Geus, A., 1969 a, 490  
as syn. of *Grebneckiella giardi* nov. comb.
- Nina giardi corsicum* Sokolow, 1911  
Geus, A., 1969 a, 490  
as syn. of *Grebneckiella giardi* nov. comb.
- Nosema* [sp.]  
Amargier, A.; and Smirnov, W. A., 1974 a, figs.  
*Archips cerasivoranus* (muscles, silk glands, Malpighian tubes, gonads, cytoplasm): Quebec
- Nosema* [sp.]  
Belloncik, S.; Bourassa, J.-P.; and Prevost, D., 1975 a, figs.  
*Aedes (Ochlerotatus) excrucians* (tissu adipeux, tissu musculaire): région de Trois-Rivières, Quebec
- Nosema* sp.  
Fowler, J. L.; and Reeves, E. L., 1974 a  
*Spodoptera exiguae*: California  
*Estigmene acrea*: Michigan  
*Heliothis virescens*: North Carolina
- Nosema* sp.  
Fowler, J. L.; and Reeves, E. L., 1974 b  
hydrophilic spore protein extraction, identification, electrophoresis, effect of host source, not closely related to *Nosema trichoplusiae*  
*Trichoplusia ni* (exper.)  
*Heliothis zea* (exper.)
- Nosema* sp.  
Henry, J. E., 1969 c, figs.  
life cycle, pathology  
*Melanoplus confusus*: Montana  
*M. sanguinipes* (nat. and exper.): Montana  
*M. bivittatus* (nat. and exper.): Montana  
*Melanoplus femurrubrum*; *M. differentialis*; *M. infantilis*; *Schistocerca americana* (all exper.)
- Nosema* [sp.]  
Lehnert, T.; Michael, A. S.; and Levin, M. D., 1974 a  
bees: South America
- Nosema* sp.  
Lom, J., 1972 a, figs.  
extruded polar filament, electron microscopy  
*Hippocampus erectus* (skin, abdominal cavity): New York Aquarium
- Nosema* sp.  
Nordin, G. L., 1975 a, figs.  
life cycle, transovarial transmission  
*Malacosoma americanum*: Kentucky
- Nosema* sp. (NFW)  
Nordin, G. L.; and Maddox, J. V., 1974 a  
comparison with similar *Nosema* spp. from other Lepidoptera, transovarial transmission  
*Hyphantria cunea*: Illinois  
*Estigmene acrea* (exper.)
- Nosema* sp.  
Street, D. A.; Sprague, V.; and Harman, D. M., 1975 a, figs.  
*Pissodes strobi* (muscle, fat body, gut wall tissues, reproductive organs, Malpighian tubules): Allegany County, Maryland
- Nosema* sp.  
Walker, M. H.; and Hinsch, G. W., 1972 a, figs.  
ultrastructure, early spore development  
*Libinia dubia* (vas deferens epithelium): Biscayne Bay, Florida
- Nosema acridophagus* Henry  
Henry, J. E., 1969 c, figs.  
life cycle, pathology  
*Schistocerca americana* (nat. and exper.): Georgia  
*Melanoplus sanguinipes*, *M. bivittatus*; *M. differentialis*; *Schistocerca v. vaga* (all exper.)
- Nosema algerae*  
Sinden, R. E.; and Canning, E. U., 1974 a, figs.  
ultrastructure of spore, hatching mechanism
- Nosema apis*  
Bailey, L., 1972 b  
drone honeybees, susceptibility, low incidence in hive conditions, possible manner of spread
- Nosema apis* Zander  
Clinch, P. G., 1974 a  
honeybees, seasonal incidence: Upper Hutt and North Otago, New Zealand
- Nosema apis*  
Kostecki, R., 1973 a  
protozoacides, ascorbic acid, cobalt, bees

- Nosema apis*  
Kunchev, K.; and Radoev, L., 1973 a  
breed resistance, honeybees
- Nosema apis* Zander  
Liu, H. J.; and Liu, T. P., 1973 a, figs.  
spore, surface structure, scanning electron microscopy
- Nosema apis*  
Liu, T. P., 1973 a  
developing spore, morphology, electron microscopy
- Nosema apis* Zander  
Liu, T. P., 1973 b, figs.  
fine structure, frozen-etched spore
- Nosema apis* Zander  
Liu, T. P., 1975 a, figs.  
freeze-etched spore envelope, ultrastructure
- Nosema apis*  
Liu, T. P.; and Liu, H. J., 1974 a, figs.  
morphology of spores, electron microscope and freeze-etching techniques
- Nosema apis*  
Moeller, F. E., 1972 a  
brood emergence and winter flights as factors aiding recovery from *Nosema* disease in honeybee colonies
- Nosema apis*  
Shabanov, M. M.; and Boneva, L. I., 1975 a  
bees, diagnosis
- Nosema bombycis*  
Ishihara, R., 1975 a, figs.  
silkworm egg diapause termination, effect on serosa cells
- Nosema bombycis*  
Ohshima, K., 1973 b  
debilitated spores, filament evagination, preservation and evagination methods, infectivity
- Nosema bombycis*  
Ohshima, K., 1975 a, figs.  
propagative form, probably derived from schizonts, in haemolymph of silkworms experimentally infected by mature spore
- Nosema campoletidis*  
McNeil, J. N.; and Brooks, W. M., 1974 a, figs.  
developmental period, adult longevity of hyperparasitoid insects  
*Campoletis sonorensis*; *Catolaccus aeneoviridis* (intestinal epithelium, Malpighian tubules, adipose tissue); *Spilochalcis side* (midgut epithelium)
- Nosema cuniculi*  
Akao, S., 1969 a, figs.  
proliferative form, spore, intermediate stages, ultrastructure
- Nosema cuniculi*  
Akao, S., 1972 a, figs.  
polar filament, ultrastructure, extrusion
- Nosema cuniculi*  
Aruo, S. K., 1974 a, figs.  
pathology, significance to man, dog and laboratory animals  
rabbit: Entebbe, Uganda, bred and reared in laboratory
- Nosema cuniculi*  
Casaubon H., M. T., 1975 a, figs.  
pathology, conejo: Texcoco, Estado de Mexico
- Nosema* (*Encephalitozoon*) *cuniculi* (Levaditi, Nicolau & Shoen, 1924; Lainson; et al., 1964)  
Cox, J. C.; and Pye, D., 1975 a, figs.  
diagnosis, indirect immunofluorescence, rabbit sera tested with cell-cultured *N. cuniculi* as antigen
- Nosema cuniculi*  
Hilgenfeld, M.; and Punke, G., 1974 a  
differential diagnosis
- Nosema cuniculi*  
Kaneda, Y., 1969 a  
endoxan effective in promoting growth in peritoneal cavity of mice and provoking latent infection in mice but little effect on growth in tissue culture
- Nosema cuniculi* (*Encephalitozoon cuniculi*)  
Nordstoga, K., 1976 a, figs.  
polyarteritis nodosa, pathology, blue foxes
- Nosema cuniculi*  
Testoni, F. J., 1974 a, figs.  
white rabbits, laboratory
- Nosema cuniculi*  
Waller, T., 1975 a, figs.  
growth patterns, cell cultures, bovine kidney, canine kidney, feline lung, rabbit kidney; harvested spores, estimation of numbers
- Nosema eurytremae* Canning, 1972  
Lie Kian Joe; and Nasemary, M., 1973 a, figs.  
hyperparasite of trematode larvae in snails, failure to infect adult trematodes in rats  
*Echinostoma malayanum* (nat. and exper.)  
*Schistosoma spindale*  
*Echinoparyphium dunni*  
*Postharmostomum* sp.  
*Echinostoma audyi* (exper.)  
*Trichobilharzia brevis* (exper.)  
*Fasciola gigantica* (exper.)  
*Echinostoma ilocanum* (exper.)
- Nosema fumiferanae* [? n. comb.]  
Percy, J., 1973 a, figs.  
schizonts, intranuclear occurrence and fine structural details in cells of *Choristoneura fumiferana*; "The ultrastructure of the schizonts supports the suggestion that *P[erezia] fumiferanae* is a member of the genus *Nosema*."
- Nosema fumiferanae*  
Wilson, G. G., 1973 a  
incidence  
*Choristoneura fumiferana*: Ontario
- Nosema fumiferanae*  
Wilson, G. G., 1974 a  
Fumidil B, stock cultures, *Choristoneura fumiferana*
- Nosema fumiferanae*  
Wilson, G. G., 1974 b  
temperature, ultraviolet radiation, parasite and hosts  
*Choristoneura fumiferana*; *Malacosoma pluviale* (exper.)
- Nosema fumiferanae*  
Wilson, G. G., 1974 c  
spruce bud worm, *Choristoneura fumiferana*, increased larval mortality with increased dose of spores, decreased susceptibility with increased host age
- Nosema heliothidis*  
McNeil, J. N.; and Brooks, W. M., 1974 a, figs.  
developmental period, adult longevity of *Catolaccus aeneoviridis*, *Spilochalcis side*, hyperparasitoid insects  
*Campoletis sonorensis*
- Nosema heterosporum*  
Kellen, W. R.; and Lindegren, J. E., 1974 a  
relative virulence, *Plodia interpunctella* larvae
- Nosema infirmum* Kudo, 1921  
Maurand, J.; et al., 1971 a, 224  
as syn. of *Tuzetia infirma* (Kudo, 1921) [n. comb.] (mt)
- Nosema locustae* Canning  
Henry, J. E., 1969 c, figs.  
life cycle, pathology, Orthoptera

- Nosema locustae*  
Henry, J. E.; and Oma, E. A., 1974 a  
spores, stored in water or cadavers, various periods  
and different conditions, population density, grass-  
hoppers
- Nosema lophii*  
Weidner, E. H., 1972 a, figs.  
spore, ultrastructure, discharge, extrusion tube, in-  
vasion of host cells  
*Lophius americanus* (cranial and spinal ganglia)
- Nosema melolonthae*  
Keller, S., 1974 a, fig.  
biological control, *Melolontha* spec.
- Nosema mesnili* Paillot (1918)  
Watanabe, H., 1974 a, figs.  
*Pieris rapae crucivora*: Japan
- Nosema michaelis*  
Weidner, E. H., 1972 a, figs.  
spore, ultrastructure, discharge, extrusion tube, in-  
vasion of host cells  
*Callinectes sapidus* (muscle)
- Nosema necatrix*  
Fowler, J. L.; and Reeves, E. L., 1974 a  
identification, electrophoresis, hydrophobic spore  
protein extraction  
*Heliothis virescens*: Illinois
- Nosema necatrix* Kramer  
Nordin, G. L.; and Maddox, J. V., 1974 a  
*Hyphantria cunea*: Illinois
- Nosema orthocladii* Coste-Mathiez et Manier, 1968  
Maurand, J.; and Loubes, C., [1974 a]  
cytochemical observations
- Nosema oryzaephili*  
Burgess, H. D.; Canning, E. U.; and Hulls, I. K., 1974 a,  
figs.  
spore, ultrastructure, coils, polar filament, electron  
microscopy
- Nosema plodiae*  
Fowler, J. L.; and Reeves, E. L., 1974 a  
identification, electrophoresis, hydrophobic spore  
protein extraction  
*Galleria mellonella*: California
- Nosema plodiae*  
Kellen, W. R.; and Lindegren, J. E., 1974 a  
relative virulence, *Plodia interpunctella* larvae
- Nosema plodiae*  
Kučera, M.; and Weiser, J., 1974 a  
*Barathra brassicae*, last larval instar, alkaline phos-  
phatase change
- Nosema polyvora* Blunck  
Issi, I. V.; and Maslennikova, V. A., 1966 a  
transmission, from *Apanteles glomeratus* to large-white  
caterpillars and from large-white caterpillars to  
*Apanteles glomeratus*
- Nosema pyrausta*  
Lewis, L. C.; and Lynch, R. E., 1974 a  
preservation, vacuum drying, infected *Ostrinia nubilalis*
- Nosema pyraustae* Paillot  
Peairs, F. B.; and Lilly, J. H., 1974 a  
natural control, incidence  
*Ostrinia nubilalis*: Massachusetts
- Nosema sphingidis*  
Fowler, J. L.; and Reeves, E. L., 1974 a  
identification, electrophoresis, hydrophobic spore  
protein extraction  
*Manduca sexta*: North Carolina
- Nosema stegomyiae* Marchoux, Salimbeni et Simond, 1903  
Tour, S.; Rioux, J. A.; and Croset, H., 1971 a  
morphology, life cycle  
*Aedes detritus*: southern France
- Nosema trichoplusia*  
Fowler, J. L.; and Reeves, E. L., 1974 a  
identification, electrophoresis, hydrophobic spore  
protein extraction  
*Trichoplusia ni*: Hawaii
- Nosema trichoplusiae*  
Fowler, J. L.; and Reeves, E. L., 1974 b  
hydrophilic spore protein extraction, identification,  
electrophoresis, effect of host source, not closely  
related to *Nosema* sp.  
*Trichoplusia ni* (exper.)  
*Heliothis zea* (exper.)
- Nosema vivieri* (V. D. et P. 1970)  
Vinckier, D.; Devauchelle, G.; and Prensier, G., 1971 a,  
figs.  
life cycle, ultrastructure
- Nosema whitei*  
Fowler, J. L.; and Reeves, E. L., 1974 a  
identification, electrophoresis, hydrophobic spore  
protein extraction  
*Tribolium confusum*: Maryland
- Nosema whitei*  
George, C. R., 1974 a  
generation time in larval *Tribolium castaneum*,  
malnutrition
- Nosematidae* [sp.] (probably *Perezia helminthorum*)  
Lie Kian Joe; Kwo, E.H.; and Ow-Yang, C.K., 1970 a  
*Indoplanorbis exustus*, degree of microsporidian hyper-  
infection determines outcome of superinfection with  
*Echinostoma malayanum*, field experiments: Malaysia
- Nosematid*[ae sp.]  
Meyer-Rochow, V. B., 1972 a, figs.  
*Creophilus erythrocephalus* (ommatidium of compound eye)
- Nosematosis*  
Gavrilov, B. N., 1965 a  
bees, urotropin, not effective
- Nosematosis*  
Mohn, S. F.; and Nordstoga, S. F., 1975 a  
blue foxes, serum protein changes, electrophoretic pat-  
terns, comparison with other diseases (feed intoxica-  
tion, virus hepatitis, *Toxoplasma gondii*)
- Nuttallia Franca*, 1909 (*Babesiidae*) preoccupied by  
*Nuttallia Dall*, 1898 (*Psammobiidae*)  
Peirce, M. A., 1975 a
- Nuttallia balearicae* Peirce, 1973  
Peirce, M. A., 1975 a  
as syn. of *Babesia balearicae* [n. comb.]
- Nuttallia emberizica* Yakunin & Krivkova, 1971  
Peirce, M. A., 1975 a  
as syn. of *Babesia emberizica* [n. comb.]
- Nuttallia felis* var. *domestica*  
Dennig, H. K.; and Brocklesby, D. W., 1972 a  
as syn. of *Babesia felis* Davis, 1929  
"Those workers who believe in the validity of the genus  
*Nuttallia* will follow Carpano (1934) and refer to this  
parasite as *Nuttallia felis* (Davis, 1929)."
- Nuttallia frugilegica* Yakunin & Krivkova, 1971  
Peirce, M. A., 1975 a  
as syn. of *Babesia frugilegica* [n. comb.]
- Nuttallia kazachstanica* Yakunin & Krivkova, 1971  
Peirce, M. A., 1975 a  
as syn. of *Babesia kazachstanica* [n. comb.]
- Nuttallia krylovi* Yakunin & Krivkova, 1971  
Peirce, M. A., 1975 a  
as syn. of *Babesia krylovi* [n. comb.]

- Nuttallia meri* sp. nov.  
Gunders, A. E., 1971 a, 431-437, figs. 1-11  
Psammomys obesus (nat. and exper.) (blood): 5 km. east of Jericho, lower Jordan Valley hamsters; Meriones tristrami (all exper.) (blood of all)
- Nuttallia mujunkumica* Yakunin & Krivkova, 1971  
Peirce, M. A., 1975 a  
as syn. of *Babesia mujunkumica* [n. comb.]
- Nuttallia rustica* Yakunin & Krivkova, 1971  
Peirce, M. A., 1975 a  
as syn. of *Babesia rustica* [n. comb.]
- Nuttallia shortti* Mohammed, 1958  
Peirce, M. A., 1975 a  
as syn. of *Babesia shortti* Corradetti & Scanga, 1964
- Nyctotheroides* sp. "resembles *N. cordiformis*"  
Earl, P. R., 1969 b  
taxonomy, measurements, intraspecific variation  
*Rana pipiens*; *R. clamitans*: all from Wisconsin
- Nyctotheroides cordiformis*  
Earl, P. R., 1969 b  
taxonomy, measurements, intraspecific variation
- Nyctotheroides cordiformis* (Ehrenberg, 1838) Stein, 1867  
Earl, P. R., [1972 a]  
incompleteness of original description and difficulties of subsequent identifications, review of measurements and proportions of length from various reports
- Nyctotheroides hylae*  
Earl, P. R., 1969 b  
taxonomy, measurements, intraspecific variation
- Nyctotheroides uttangi* n. sp.  
Earl, P. R., [1972 a], 341, 343, figs. 1-2.  
*Bufo valliceps* (rectal contents): Santiago, Monterrey, Nuevo León, México
- Nyctotherus* sp. (?)  
Thurston, J. P., 1970 a  
*Xenopus* spp. (rectum): Uganda; Kenya
- Nyctotherus cheni* Wichterman, 1934  
de Puytorac, P.; and Grain, J., 1968 a, 412  
as syn. of *Sicuphora cheni* (Wichterman, 1934) [n. comb.]
- Nyctotherus cordiformes* (Enr.) Stein, 1862  
Getsevichiute, S. Lu., 1970 a  
*Rana ridibunda*: Kursk Zaliv, Lithuanian SSR
- Nyctotherus cordiformis*  
Lank, D. R. (jr.), 1971 a  
*Rana catesbeiana*: Indiana
- Nyctotherus cordiformis*  
Remy, M.-F., 1970 a  
days of survival under a range of temperatures in vitro, maximum survival at 7° C, similarity to conditions in digestive tract of poikilothermic host
- Nyctotherus hoyoi* Tuzet & Manier, Jolivet 1957  
Albaret, J.-L., 1970 b, figs.  
description  
*Spirostreptus multisulcatus*; *Ophistreptus digitulatus* occidius; *Scaphiostreptus acuticonus*; *S. calicoferus* (intestin postérieur of all): all from Ia Maboké République Centrafricaine
- Nyctotherus indica* n. sp.,  
Rao, T. B., 1969 b, 435-438, figs. 1-2  
*Corydia peteveriana*: campus of Osmania University
- Nyctotherus inflatus* Tuzet et Manier  
Albaret, J.-L., 1970 b, figs.  
description  
*Spirostreptidae* (intestin postérieur): Bobo Dioulasso Haute Volta
- Nyctotherus kalii* Uttangi, 1950  
de Puytorac, P.; and Grain, J., 1968 a  
as syn. of *Sicuphora kalii* (Uttangi, 1950) [n. comb.]
- Nyctotherus mauriesi* sp. nov.  
Albaret, J.-L., 1970 b, 225, 226, 227-232, figs. 1-11  
*Spirostreptus multisulcatus* (intestin postérieur): Ia Maboké République Centrafricaine
- Nyctotherus ovalis*  
Peregrine, P. C., 1974 b, figs.  
numbers and distribution in hindgut of *Periplaneta americana* in relation to host dietary changes and interspecific competition with other parasites
- Nyctotherus schulmani* Ha Ku, 1971  
Iankovskii, A. V., 1974 a  
as syn. of *Ichthyonyctus schulmani* (Ha Ku, 1971) n. comb.

- Octomitus truttae* Schmidt, 1920  
Vinnichenko, L. N.; et al., 1971 a  
Lota lota (gall bladder): region of Lake Khivand
- Octoplasma* gen. nov.  
Dissanaike, A. S.; and Poopalachelvam, M., 1975 a, 175-178, 184  
Coccidiasina, Apicomplexa; mt: *Octoplasma garnhami* gen. et sp. nov.
- Octoplasma garnhami* gen. et sp. nov. (mt)  
Dissanaike, A. S.; and Poopalachelvam, M., 1975 a, 175-178, 184, figs. 1a-1, 2-20  
Echinoscrox gymmurus (spleen, liver): West Malaysia (Selangor-Gombak Forest Reserve; Gunong Besut, Perak)
- Octosporea carloschagasi* n. sp.  
Kramer, J. P., 1972 a, 221-224, figs. 1-6  
"Some protozoan forms from *Panstrongylus megistus* that Chagas had incorporated into his original description of *Trypanosoma cruzi* are compared with schizogonic and sporogonic stages of the microsporidian *Octosporea muscaedomesticae*. On the basis of the evidence presented *O. carloschagasi* n. sp. is described."  
*Panstrongylus megistus* (midgut)
- Octosporea muscaedomesticae* Flu  
Kramer, J. P., 1972 a, figs.
- Octosporea muscaedomesticae* Flu  
Kramer, J. P., 1972 b, figs.  
Phormia regina (chyle stomach, proximal intestine, hind intestine, and rectum) (exper.)
- Octosporea muscaedomesticae*  
Kramer, J. P., 1973 a  
differential germination, same population, successive passages through alimentary tracts of *Phormia regina*, possible factors in spore germination
- Ococephalus* Schneider, 1886  
Geus, A., 1969 a  
Stylocephalidae
- Ococephalus dromii* n. sp.  
Geus, A., 1969 a, 69, 509-510, figs. 312a-e  
*Dromius quadrinotatus*: Umgebung von Lichtenfels, Germany  
key
- Oodinium*  
Cachon, J.; Cachon-Enjumet, M.; and Greuet, C., [1971 a], fig.  
pusular system, morphology, probable function as excretory system
- Oodinium dogieli* (Dogiel) nov. sp. [sic]  
Cachon, J.; and Cachon-Enjumet, M., 1971 b, 154, figs.  
ultrastructure, cytology of various organelles, particularly the stalk  
"Ce protiste a été découvert par Dogiel (1910) sur les Alcyonidae et décrit sous le nom de *Gymnodinium pulvisculus*. Nous proposons de la nommer *O. dogieli* puisque la dénomination spécifique de *pulvisculus* entre déjà en synonymie avec celle d'*O. poucheti*."
- Oodinium dogieli* (Dogiel) Cachon, J.; and Cachon, M. [sic]  
Cachon, J.; Cachon-Enjumet, M.; and Greuet, C., [1971 a], 469, figs.  
pusular system, morphology, probable function as excretory system  
"O. dogieli, parasite d'Annélides, a été décrit par Dogiel en 1910 sous le nom de *Gymnodinium pulvisculus*"
- Oodinium fritillariae* Chatton 1912  
Cachon, J.; and Cachon-Enjumet, M., 1971 b, figs.  
ultrastructure, cytology of various organelles, particularly the stalk
- Oodinium fritillariae* Chatton  
Cachon, J.; Cachon-Enjumet, M.; and Greuet, C., [1971 a], figs.  
pusular system, morphology, probable function as excretory system
- Oodinium poucheti* Lemmerman 1899  
Cachon, J.; and Cachon-Enjumet, M., 1971 b, fig.  
ultrastructure, cytology of various organelles, particularly the stalk
- Opalina filum* Claparède, 1861 [sic]  
de Puytorac, P., [1970 a], 260  
as syn. of *Delphyella filum* (Claparède), 1860 [sic] [n. comb.]
- Opalin[a] obtrigona*-type  
Earl, P. R., 1969 b  
*Rana pipiens*: Wisconsin
- Opalina ranarum*  
Earl, P. R., 1969 a  
length, width, length: breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Opalina ranarum*  
Getsevichiute, S. Iu., 1970 a  
*Rana temporaria*: Kursk Zaliv, Lithuanian SSR
- Opalina sudafricana*  
El Mofty, M. M., 1973 a  
encystation following host injection with nicotine, hypothesized indirect release of androgenic steroids
- Opalina sudafricana*  
El Mofty, M. M., 1973 b  
sexual reproduction induced, ecdysterone injected into toad hosts, not induced in vitro
- Opalina sudafricana*  
El Mofty, M. M., 1974 a  
sexual reproduction induced in toad rectum, assay for screening carcinogenic substances
- Opalina sudafricana*  
El Mofty, M. M., 1974 b  
toad injected with gibberellic acid, sexual reproduction
- Opalina sudafricana*  
El Mofty, M. M.; and Sadek, I. A., 1973 a, figs.  
adrenaline injection in infected *Bufo regularis*, encystation and sexual reproduction of parasite
- Opalina sudafricana*  
El Mofty, M. M.; and Sadek, I. A., 1975 a  
induction of encystation in vitro and in vivo with toad bile, possibly due to presence of androgens and oestrogens in the bile or to presence of bufodeoxycholic acid
- Opalina sudafricana*  
El Mofty, M. M.; and Sadek, I. A., 1975 b  
induction of encystation in vivo (*Bufo regularis*) by injection of urine of patients with bladder cancer linked with bilharziasis, simple urinary bilharziasis, ascariasis, or ancylostomiasis, possible diagnostic help in detecting abnormality in tryptophan metabolism
- Opalina virguloidea* (a)  
Earl, P. R., 1969 a  
length, width, length: breadth ratio, phenotypic and intraspecific variations, implications for species recognition  
*Hyla miotypanum*: Nuevo León, México

- Opalina virguloidea* (b)  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition  
*Bufo woodhousei fowleri*: Ohio, U.S.A.
- Opalina virguloidea* (c)  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition  
*Rana pipiens*: Wisconsin, U.S.A.
- Opalina waltoni*  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition  
*Hyla versicolor*: Ohio, U.S.A.
- Opalina wenrichi*  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition  
*Hyla versicolor*: Ohio, U.S.A.
- Opalinidae  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Ophryoglena  
Hoffman, G. L.; et al., 1975 a  
key
- Orbocephalus n. g.  
Nelson, J. K., 1970 a, 24  
Stylocephalidae, tod: *O. bulbus* n. sp.
- Orbocephalus bulbus n. g., n. sp. (tod)  
Nelson, J. K., 1970 a, 24, pl. 2, figs. a-c  
*Eleodes* sp.: Jefferson County, Colorado
- Orbocephalus eleodis n. sp.  
Nelson, J. K., 1970 a, 24-25, pl. 2, fig. d  
*Eleodes* sp.: Jefferson County, Colorado
- Orthothelohania [sp.]  
Codreanu-Balcescu, D.; and Porchet-Hennéré, E., 1974 a, figs.  
*Palaeomon serratus* (musculature): côtes de France



- Paracoelophrya n. gen.  
de Puytorac, P., [1970 a], 265, 266  
Hoplitophryidae, no type species designated
- Paracoelophrya almae sp. nov.  
de Puytorac, P., [1970 a], 266, fig. 28  
Alma sp. (tube digestif): Belinga (Gabon)
- Paracoelophrya intermedia n. gen., n. sp.  
de Puytorac, P., [1970 a], 260, 265-266, pl. II, figs. 3-4,  
figs. 24-27  
Alma emini (tube digestif): Gabon
- Paradinidae  
Cachon, J.; Cachon-Enjumet, M.; and Pyne, C. K., 1968 a  
systematic position discussed, possibly has affinities  
with Mycetozoa
- Paradinium poucheti Chatton, 1910  
Cachon, J.; Cachon-Enjumet, M.; and Pyne, C. K., 1968 a,  
figs.  
ultrastructure, life cycle  
Oithona helgolandica (segment abdominal, hémocoèle):  
Villefranche-sur-Mer
- Parahistomonas wenrichi  
Fine, P. E. M., 1975 a  
infection rate of Heterakis ova with histomonads,  
timing and mechanism of release of histomonads from  
their nematode hosts, experiments with chickens fed  
small numbers of ova (3, 5, or 9 per bird)
- Parahistomonas wenrichi (Lund, 1963) Honigberg & Kuldova,  
1969  
Lund, E. E., 1972 a  
rectal transfer of Heterakis gallinarum larvae from  
chickens to turkeys, subsequent development of heteraki-  
ds, transmission of Parahistomonas wenrichi
- Parahistomonas wenrichi (=Histomonas wenrichi)  
Lund, E. E.; and Chute, A. M., 1972 d  
transfer of 10-day old Heterakis gallinarum larvae  
from donor chickens to recipient chickens and turkeys,  
retention, development, liberation of Histomonas and  
Parahistomonas
- Parahistomonas wenrichi  
Lund, E. E.; and Chute, A. M., 1973 a  
transmission of histomonads by Heterakis gallinarum  
transferred twice (from chickens and/or turkeys to  
chickens and/or turkeys), worm losses, incidence of  
histomoniasis
- Parahistomonas wenrichi (Lund, 1963) Honigberg and  
Kuldova, 1969  
Lund, E. E.; and Chute, A. M., 1973 c  
reciprocal transfer of Heterakis gallinarum larvae  
between chickens and chukar partridges, effects on  
heterakids and on transmission of Histomonas meleagris  
and P. wenrichi  
Alectoris graeca (exper.)  
chickens (exper.)
- Paramyxida Chatton, 1911  
Levine, N. D., 1970 c  
Myxosporea
- Paranaplasma caudatum  
Carson, C. A.; et al., 1974 a  
appendage-related antigen production in deer erythro-  
cytes, fluorescent antibody test, manifestation of ap-  
pendages is a function of host erythrocytes and is  
either unnecessary or impossible in deer
- Paranaplasma caudata  
Keeton, K. S.; and Jain, N. C., 1973 a, figs.  
scanning electron microscopy
- Paranaplasma caudata (Kreier y Ristic, 1963)  
Rodríguez, O. N.; et al., 1973 a  
antigenic differentiation from Anaplasma marginale,  
passive hemagglutination, hemagglutination-inhibition  
and direct immunofluorescence test
- Paranaplasma discoides  
Keeton, K. S.; and Jain, N. C., 1973 a, figs.  
scanning electron microscopy
- Parasicuophora n. gen.  
Albaret, J.-L., [1969 b], 449, 451  
Plagiotomidae, mt: P. mantellae n. sp.
- Parasicuophora mantellae n. gen., n. sp. (mt)  
Albaret, J.-L., [1969 b], 449-451, figs. 1-3  
Mantella aurantiaca (ampoule rectale): région de Pér-  
inet, Madagascar
- Parathelohania Codreanu, 1966  
Overstreet, R. M.; and Weidner, E., 1974 a  
not a synonym of Thelohania Henneguy, 1892
- Parathelohania Codreanu, 1966  
Sprague, V.; 1970 a  
as syn. of Thelohania Henneguy, 1892
- Parathelohania legeri (Hesse, 1904) Codreanu, 1966  
Simmers, J. W., 1974 a  
Psorophora ciliata; Anopheles punctipennis: all from  
Carbondale, Illinois
- Parathelohania opacita Simmers, 1974 [nom. nud.]  
Simmers, J. W., 1974 b, 721  
Culiseta inornata (fat bodies, hemocoels): Carbondale,  
Illinois
- Pentatrachomonas  
Brugerolle, G., 1971 a  
comparison with other genera of Trichomonadinae, dis-  
cussion of phylogeny
- Perezia Léger & Dubosq, 1909  
Sprague, V., 1970 a  
"more likely . . . junior synonym of Nosema"
- Perezia fumiferanae  
Percy, J., 1973 a, figs.  
"The ultrastructure of the schizonts supports the sug-  
gestion that P. fumiferanae is a member of the genus  
Nosema."
- Perezia helminthorum Canning and Basch  
Lie Kian Joe, 1970 d  
induced epidemic in Schistosoma spp. larvae leading  
to suppression of cercarial production, biological  
control of snail hosts
- Perezia helminthorum Canning and Basch, 1968  
Lie Kian Joe; and Basch, P. F., 1970 a  
hyperparasite in trematode larvae of fresh water snails  
echinostome sp.; Trichobilharzia brevis (nat. and  
exper.); Schistosoma spindale; trematode larvae produc-  
ing paramphistomid and xiphidid-cercariae; Fasciola  
gigantica (exper.); Chaetogaster sp.
- Physosporidium Awerinzew, 1925  
Sprague, V., 1970 b  
Nephridiophagidae new family
- Pileocephalus agilis n. sp.  
Geus, A., 1969 a, 63, 387-388, figs. 224a-1  
Limophilus auricula, larve: Stambach, Ofr., Germany  
key
- Pileocephalus benli n. sp.  
Geus, A., 1969 a, 62, 383-385, figs. 222a-i  
Lepismatidae: Jugoslawien (Kološep)  
key

- Pirhemocytos sp.  
Radchenko, N. M., 1973 a  
Agama erythrogastra (blood): Turkmenia
- Piroplasms  
Ayala, S. C.; et al., 1973 a, figs.  
Odocoileus virginianus; Felis pardalis; Proechimys  
"guyannensis" (blood of all): all from eastern  
Colombia
- Piroplasms, "may be Theileria sp."  
Peirce, M. A., 1974 a, figs.  
Meles meles (blood): Cornwall
- Piroplasm  
Peirce, M. A.; and Gallagher, J., 1974 a  
badgers: Gloucestershire
- Piroplasma [sp.]  
Shakhmatov, G. N.; and Kuima, A. U., 1973 a, figs.  
Vulpes vulpes (blood): Tadzhikistan
- Piroplasma [sp.]  
Wall, A. E., 1974 a, figs.  
terramycin, Ganaseg, case report, presumably first case  
observed in country  
dog (sangre): Provincia de Misiones (Republica Argen-  
tina)
- P[iroplasma] bigeminum  
Popov, Iu. A., 1965 a  
bovine, seasonal distribution, berenil + naganin,  
berenil + sulfantrol: Batken region, Kirgiz
- P[iroplasma] canis  
Kolabskiĭ, N. A.; et al., 1959 a  
technique for preserving blood to maintain viability  
of parasite
- Piroplasma motasi  
Tomasevic, T., 1962 a  
seasonal distribution of tick vectors: Montenegro
- Piroplasma ovis  
Chizh, A. N.; Suz'ko, S. F.; and Tarverdian, T. N., 1959 a  
weakening virulence by serial passage
- Piroplasma ovis  
Kusev, B., 1973 a, fig.  
sheep (blood): Tolbukhinski okrug
- Piroplasma quadrigemina  
Ben Rachid, M. S.; and Elaha, R., 1969 a  
Ctenodactylus gundi (blood): Sud tunisien
- Piroplasma Levine, 1961  
Levine, N. D., 1970 c  
Apicomplexa nov. subphylum
- Piroplasma Levine, 1961  
Scholtyssek, E. Ö.; and Mehlhorn, H., 1970 b  
Annulifera nov. subphylum
- Piroplasmida  
Miller, B. E. G.; and Scholtyssek, E., 1974 a  
research, last 12 years, life cycles, development,  
host-parasite relationships, cytochemistry, review
- Piroplasmosis  
Amonkulov, K., 1973 a  
cattle, tick vectors, Boophilus calcaratus, Hyalomma  
anatolicum: Pendzhikent region
- Piroplasmosis  
Ibanez, E. A.; et al., 1974 c  
equine, splenectomy technique, demonstration of asymp-  
tomatic carriers, probable general incidence: Argentina
- Piroplasmosis  
Saikku, P., 1973 a  
Ixodes ricinus as vector of Uukuniemi virus, correla-  
tion between virus antibodies in cattle and tick borne  
piroplasmosis incidence: Finland
- Plasmodiidae Mesnil, 1903  
Telford, S. R. (jr.), 1973 a, 840  
definition emended, Syn.: Garniidae Lainson,  
Landau and Shaw, 1971
- Plasmodium  
Corradetti, A., 1973 a  
use of avian malaria parasites as models for problems  
related to human malaria, brief review
- Plasmodium  
Hatem, J., 1970 a  
humans, diagnosis, application of immunofluorescent  
microscopy
- Plasmodi[um]  
Heischkeil, R., 1972 b  
rodents, folic acid antagonists, cytostatic agents,  
parasite metabolism
- Plasmodium  
Jap, P.; v. Keulen, C.; and Jerusalem, C., 1970 a  
ultrastructural cytochemistry, enzyme localization,  
parasite and host cells and organism
- Plasmodium  
Jumner, B., 1970 c  
simian malaria as an anthrozoosis, review
- Plasmodium  
Miller, L. H.; and Dvorak, J. A., 1973 a  
visualization of red cell membranes of lysed malaria-  
infected cells by differential interference microscopy
- Plasmodium  
Rollo, I. M., 1975 a  
pyrimidine derivatives used to treat Plasmodium spp.,  
history of development, mode of action, use of thera-  
peutic combinations, review
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Zasukhin, D. N., 1973 a  
recent research, review
- Sarcocystis sp.  
Borst, G. H. A.; and Zwart, P., 1973 a, fig.  
Ara ararauna (skeletal muscles): Royal Zoological  
Garden, Amsterdam  
Brotogeris jugularis (skeletal muscles): Royal Zoo-  
logical Garden, Rotterdam
- Sarcocystis [sp.]  
Boyd, R. J., 1970 a, fig.  
Cervus canadensis nelsoni (cardiac muscle): north-  
western Colorado
- Sarcocystis sp.  
Brown, R. J.; et al., 1975 b, fig.  
Bubalus bubalis (myocardium): Sulawesi (Celebes),  
Indonesia
- Sarcocystis sp.  
Brown, R. J.; Carney, W. P.; and van Peenen, P. F. D.,  
1974 a, fig.  
Rattus exulans; R. rattus palelae (skeletal muscle of  
all): all from Sulawesi, Indonesia
- Sarcocystis [sp.]  
Carlos, E. R.; and Schaeffer, B. T., 1972 a, figs.  
rats (diaphragmatic musculature): Philippines
- Sarcocystis sp.  
Christie, E.; Dubey, J. P.; and Pappas, P. W., 1976 a  
prevalence  
cats (feces): humane shelter, Columbus, Ohio
- Sarcocystis [sp.]  
Cross, J. H.; et al., 1973 a  
Rattus rattus diardi; R. exulans; R. argentiventer  
(diaphragm muscle of all): all from Bojalali Regency,  
Central Java, Indonesia
- Sarcocystis sp.  
Dissanaike, A. S.; Lim, B.-L.; and Poopalachelvam, M.,  
1974 a  
possible connection with "sporozoan" stages in spleen  
Echinoscorex gymmurus (diaphragm, other striated mus-  
cles): Perak; Selangor
- Sarcocystis sp.  
Ford, G. E., 1975 a  
transmission from dogs to specific pathogen free sheep,  
and from sheep to dogs, possibility of predator-prey  
host cycle
- Sarcocystis sp.  
Frenkel, J. K., 1974 a, fig.
- Sarcocystis [sp.]  
Herceg, M.; and Huber, I., 1967 a  
Rhamphastos ariel (muscles): Zoological garden, Zagreb  
(imported from Germany)
- Sarcocystis spp.  
Karr, S. L. (jr.); and Wong, M. M., 1975 a, figs.  
monkeys, survey  
Macaca nemestrina; M. fascicularis; M. arctoides;  
Saimiri sciureus; Saguinis nigricollis
- Sarcocystis species  
Laarman, J. J.; Tadros, W.; and van den Eijk, A. A., 1975 a  
human serological survey using indirect immunofluores-  
cence technique for antibody titers against Sarcocystis  
cystozoites and Isospora hominis sporozoites
- Sarcocystis spp.  
Mercado Pezzat, M., 1971 a, figs.  
incidence in bovine hearts: slaughterhouse in Mexico  
City
- Sarcocystis spp.  
Munday, B. L., 1975 b  
survey, prevalence of sarcocysts in sheep, cattle,  
and pigs: Tasmania abattoirs
- Sarcocystis [sp.]  
Nogueira, Y. de A., 1972 a, figs.  
dog (heart): State of Rio de Janeiro, Brazil
- Sarcocystis spp.  
Ponse Alcocer, J., 1973 a  
histological examination of bovine fetuses, intra-  
uterine transmission highly improbable, present in  
mothers only
- Sarcocystis sp.  
Rommel, M., 1975 a, figs.
- Sarcocystis [sp.]  
Rzepczyk, C. M., 1974 a, figs.  
possibly linked with Isospora  
Rattus fuscipes (muscle); Morelia spilotes variegata  
(nat. and exper.) (feces): all from Queensland  
Rattus norvegicus (exper.) (muscle)
- Sarcocystis sp.  
Samuel, W. M.; and Gray, D. R., 1974 a  
Ovibos moschatus (esophagus, abomasum, small intestine):  
Ellesmere Island, Northwest Territories
- Sarcocystis sp.  
Simpson, C. F.; and Forrester, D. J., 1973 a, pls., figs.  
ultrastructure, cyst wall, micropore, rhoptries,  
unidentified body in cystozoite  
Cassidix mexicanus (skeletal musculature)
- Sarcocystis sp.  
Streitel, R. H.; and Dubey, J. P., 1976 a, fig.  
prevalence  
dogs (feces): humane shelter, Columbus, Ohio



- Sarcocystis* [sp.]  
Tadros, W. A.; and Laarman, J. J., 1975 a  
"has been shown to be a tissue stage of an undescribed species of *Isospora*"  
*Mustela nivalis* (nat. and exper.) (feces): Holland  
*Microtus arvalis* (exper.) (skeletal musculature, lymph nodes, spleen, liver)
- Sarcocystis* spp.  
Tadros, W.A.; Laarman, J.J.; and van den Eijk, A.A., 1975 a  
comparative light and electron microscopic morphology, cattle, specificity of sexual stage in definitive host
- Sarcocystis* species  
Tadros, W. A.; Laarman, J. J.; and van den Eijk, A. A., 1975 b  
presence in oesophageal muscle in cattle: Holland
- Sarcocystis* [sp.]  
Thiers, H.; et al., 1971 a  
woman, muscle infection, unknown etiology
- Sarcocystis* sp.  
Todd, K. S. (jr.); Gallina, A. M.; and Nelson, W. B., 1975 a, figs.  
*Aratinga canicularis* (skeletal muscle)
- Sarcocystis* [sp.], resembling  
Wallace, G. D., 1975 a, fig.  
cat (feces): Hawaii  
mice (exper.) (skeletal muscle)
- Sarcocystis blanchardi*  
El-Akkad, I.N.; and Mandour, A.M., 1969 a  
sarcocystin toxin, histamine-like action on isolated rabbit and rat intestine
- Sarcocystis booliati* n. sp.  
Dissanaike, A. S.; and Poopalachelvam, M., 1975 a, 175, 178, 184, figs. 1j, 21-32  
*Echinosorex gymmurus* (skeletal muscle): West Malaysia (Gunong Besut, Perak; Bukit Lanjau, Selangor)
- Sarcocystis fusiformis*  
Bergmann, V.; and Kinder, E., 1975 a, figs.  
ultrastructure of sarcocyst wall, in muscle fiber of cattle
- Sarcocystis fusiformis*  
Fayer, R., 1974 a, figs.  
failure to develop in dogs fed sporocysts obtained from other dogs; stages of development in small intestine of dogs fed infected bovine heart, passage of sporocysts and an *Isospora bigemina* oocyst
- Sarcocystis fusiformis*  
Fayer, R.; and Johnson, A. J., 1973 a, figs.  
infection of calves with sporocysts from dogs, course of infection, distribution of schizonts in tissues
- Sarcocystis fusiformis*.  
Fayer, R.; and Johnson, A. J., 1975 a, figs.  
severe pathogenicity for cattle, possible canine-bovine cycle  
*Canis latrans* (feces) (nat. and exper.); cattle (lymph node, muscles) (exper.)
- Sarcocystis fusiformis*  
Fayer, R.; and Leek, R. G., 1973 a, figs.  
excystation of sporocysts from dogs, either CO<sub>2</sub> or reducing agent stimulus or both are required prior to incubation in trypsin-bile solution
- Sarcocystis fusiformis*  
Gestrich, R.; and Heydorn, A. O., 1974 a  
cysts, meat, slaughter animals survival at +2°C and in "so called medium done steaks", killed at -20°C
- Sarcocystis fusiformis*  
Gestrich, R.; Heydorn, A. O.; and Baygu, N., 1975 a, figs.  
life cycle, experimental calf infection, differentiation from *S. tenella*, specificity to cattle
- Sarcocystis fusiformis*  
Jungmann, R.; and Hiepe, Th., 1975 a  
life cycle, pathogenicity, pathology, epidemiology, review
- Sarcocystis fusiformis* (?)  
Mahrt, J. L., 1973 a, fig.  
sporocysts passed in dog feces, probable transmission from diet of beef offal
- Sarcocystis fusiformis*  
Markus, M.B.; Killick-Kendrick, R.; and Garnham, P.C.C., 1974 a, figs.  
life cycle, morphology, infectivity after freezing cats (exper.)
- Sarcocystis fusiformis*  
Rickard, M. D.; and Munday, B. L., 1976 a  
dog and cat-transmitted forms of *S. tenella* in sheep, may be biologically distinct from corresponding forms of *S. fusiformis* in cattle, and distinct from each other
- Sarcocystis fusiformis*  
Rommel, M.; et al., 1974 a, figs.  
life cycle  
cattle  
cat  
man  
dog (exper.)  
*Canis lupus* (exper.)  
*Vulpes vulpes* (exper.)
- Sarcocystis fusiformis*  
Rommel, M.; and Heydorn, A.-O., 1972 b  
experimental canine infection, duration of sporocysts appearance in feces
- Sarcocystis fusiformis*  
Suteu, E.; and Coman, S., 1973 a, figs.  
life cycle, chiens, rats, chat, souris, cobayes, poulet
- Sarcocystis fusiformis*  
Tadros, W. A.; Laarman, J. J.; and van den Eijk, A. A., 1974 a  
cysts, cross reactions with *Isospora hominis* antibodies from sera of human carriers, indirect immunofluorescence, results agree with earlier work on identification of both species as stages of same parasite
- Sarcocystis fusiformis*  
Tadros, W.A.; Laarman, J.J.; and van den Eijk, A.A., 1975 b  
development of circulating antibodies in cattle and correlation with age; presence in bovine hearts: Holland
- Sarcocystis kortei* Castellani & Chalmers, 1909  
Karr, S. L. (jr.); and Wong, M. M., 1975 a, fig.  
monkeys, survey  
*Macaca mulatta*; *M. radiata*; *Cercocebus atys*; *Cercopithecus talapoin*
- Sarcocystis kortei*  
Mandour, A. M., 1969 b  
toxic manifestations, possible endotoxin, diarrhea, lethal infections, rabbits (exper.)
- Sarcocystis leporum*  
Andrews, C. L., 1970 a  
*Sylvilagus floridanus*: southeastern United States

- Sarcocystis lindemanni*  
Prakash, O.; and Vinayak, V. K., 1970 a  
human, serological diagnosis, test comparisons, review
- Sarcocystis miescheriana*  
Bergmann, V.; and Kinder, E., 1974 a, pls.  
cyst wall structure in swine muscle fiber, electron microscopy
- Sarcocystis miescheriana* Kühn, 1865  
Drost, S., 1974 a, fig.  
incidence  
*Sus scrofa* (muscles): Kreis-Wildsammelstelle Ludwigslust
- Sarcocystis miescheriana*  
Garcia Rodriguez, I., 1967 b, figs.  
calcified cysts, identification uncertain
- Sarcocystis miescheriana*  
Greve, E., 1974 a  
seasonal distribution, bacon pigs, autumn peak, possible epizootiological relationship with mice, cats: Roskilde
- Sarcocystis miescheriana*  
Jungmann, R.; and Hiepe, Th., 1975 a  
life cycle, pathogenicity, pathology, epidemiology, review
- Sarcocystis miescheriana* (Kühn, 1865)  
Kutzer, E.; and Hinaidy, H. K., 1971 a  
*Sus scrofa*: Austria
- Sarcocystis miescheriana*  
Rommel, M.; et al., 1974 a, figs.  
life cycle  
pig; man; dog (exper.)
- Sarcocystis muris*  
Frenkel, J. K., 1974 a, fig.
- Sarcocystis nesbitti* Mandour, 1969  
Karr, S. L. (jr.); and Wong, M. M., 1975 a, fig.  
monkeys, survey  
*Macaca mulatta*; *Cercocebus atys*; *Papio papionis*
- Sarcocystis pitymysi*  
Mandour, A. M., 1969 b  
no toxic effects, rabbits, laboratory rodents
- Sarcocystis tenella*  
Awad, F. I., 1973 a  
sheep, infection by feeding of sarcocysts or feces from infected sheep
- Sarcocystis tenella*  
Diaz-Ungria, C., 1968 e  
*Capra hircus* (lengua): Venezuela
- Sarcocystis tenella*  
Dubremetz, J.-F.; Porchet-Hennere, E.; and Parenty, M.-D. 1975 a, figs.  
cultivation in embryonic sheep kidney cells
- Sarcocystis tenella*  
Gestrich, R.; Heydorn, A.-O.; and Bayşu, N., 1975 a  
life cycle, experimental lamb infection, differentiation from *S. fusiformis*, specificity to sheep
- Sarcocystis tenella*  
Jungmann, R.; and Hiepe, Th., 1975 a  
life cycle, pathogenicity, pathology, epidemiology, review
- Sarcocystis tenella*  
de Kruijff, J. M.; et al., 1974 a  
incidence, cattle and swine: slaughterhouses, Netherlands
- Sarcocystis tenella*  
Mehlhorn, H., 1975 a, figs.  
cyst stages from sheep esophagus, alkaline phosphatase and adenosine triphosphatase, ultrastructural localization
- Sarcocystis tenella*  
Mehlhorn, H.; et al., 1975 a, figs.  
sheep, cyst stages, electron microscopy, origin and development of micronemes and rhoptries
- Sarcocystis tenella*  
Mehlhorn, H.; and Scholtyssek, E., 1973 a, figs.  
cyst stages, sheep esophagus, electron microscopy
- Sarcocystis tenella*  
Mehlhorn, H.; and Scholtyssek, E., 1974 a, figs.  
cytological studies, various electron microscopic techniques
- Sarcocystis tenella*  
Mehlhorn, H.; and Scholtyssek, E., 1974 b, figs.  
cats infected with cysts from sheep, oocysts, sporocysts, light and electron microscopy. "Apparently the large form of *Isospora bigemina* seems responsible for the relatively large cysts in the muscles of sheep, described formerly as *S. tenella*"
- Sarcocystis tenella*  
Mehlhorn, H.; Scholtyssek, E.; and Senaud, J., 1973 a, figs.  
development, cytology, sporocysts, oocysts, electron and photon microscopy  
chat (exper.)
- Sarcocystis tenella*  
Mehlhorn, H.; and Senaud, J., 1975 a, figs.  
presence of lytic bacteria within cysts
- Sarcocystis tenella*  
Munday, B. L.; and Corbould, A., 1974 a  
epidemiology, ovine, role of dogs
- Sarcocystis tenella*  
Munday, B. L.; and Richard, M. D., 1974 a  
sheep, possibly two distinct species with cat as definitive host, another parasitising the dog
- Sarcocystis tenella*  
Petithory, J., 1973 a  
antigens from sheep cysts, gel diffusion test using human serum (patients with protozoan, helminth, and non-parasitic diseases), nonspecific precipitation reactions
- Sarcocystis tenella*  
Porchet-Henneré, E.; and Ponchel, G., 1974 a, pls.  
morphology, endozoites, scanning electron microscopy
- Sarcocystis tenella*  
Rickard, M. D.; and Munday, B. L., 1976 a  
dog and cat-transmitted forms in sheep, may be biologically distinct from corresponding forms of *S. fusiformis* in cattle, and distinct from each other
- Sarcocystis tenella*  
Rommel, M.; et al., 1974 a, fig.  
life cycle  
cats; sheep; dog (exper.)
- Sarcocystis tenella*  
Rommel, M.; and Heydorn, A.-O., 1972 b  
course of experimental canine and feline infections
- Sarcocystis tenella*  
Scholtyssek, E. O., 1972 a, fig.  
ultrastructure, taxonomic significance

- Sarcocystis tenella*  
Scholtyseck, E. O.; Mehlhorn, H.; and Müller, B. E. G., 1973 a, figs.  
cyst stages, merozoites, metrocytes, taxonomic characters, electron microscopy
- Sarcosporidia*  
Afaf, I. D.; and Shommein, A. M., 1974 a  
incidence, Sudan cattle, experimental mouse infection
- Sarcosporidia*  
Kuczyński, J., 1974 b  
economic losses, pigs
- Sarcosporidia*  
Pesino, L.; Parisi, E.; and Vitali Mazza, L., 1974 a  
incidence, sheep, buffaloes, cattle, horses, pigs: Italy
- Sarcosporidia*  
Suteu, E., 1975 a  
morphology, pathogenesis, zoonotic importance, life cycles, taxonomy, review
- Sarcosporidia* [sp.]  
Kaliner, G., 1975 a, figs.  
microcysts, macrocysts, histomorphology  
*Gazella granti* (diaphragm, thigh musculature, tongue);  
*G. thomsoni* (diaphragm, thigh musculature); *Aepyceros melampus* (diaphragm, tongue); *Connochaetes taurinus* (diaphragm, thigh musculature, tongue); *Alcelaphus buselaphus* (diaphragm, thigh musculature); *Taurotragus oryx* (tongue); *Tragelaphus scriptus* (tongue); *Cephalophus natalensis* (tongue, masseter, pharyngeal musculature); *Rhynchotragus kirki* (tongue, diaphragm, e-rector trunci); *Kobus defassa* (diaphragm); *Redunca reducta*; *Syncerus caffer*; *Giraffa camelopardalis* (muscle cells, tongue); *Phacochoerus aethiopicus* (diaphragm, muscle cells); *Hylchoerus meinertzhageni* (tongue, muscle cells): all from East Africa
- Sarcosporidia* [sp.]  
Meshkov, S., 1975 a  
localization and intensity in host  
*Testudo graeca*; *T. hermanni* (muscles of all): all from south-eastern Bulgaria
- Sarcosporidiosis*  
Afshar, Ab.; Naghshineh, R.; and Neshat, H., 1974 a  
incidence, sheep: Iran
- Sarcosporidiosis*  
Skjölvaas, O., 1970 a  
Reinsdyr (muskulatur): Kautokeino-området
- Saurocytozoon mabuyi* sp. nov.  
Lainson, R.; Landau, I.; and Shaw, J. J., 1974 b, 215, 219, 221-222, pl. 2, figs. 16-21  
Mabuya mabouya: Ananindeua, Pará State, northern Brazil
- Schellackia Reichenow*, 1919  
Landau, I.; et al., 1974 a  
Lankesterellidae
- Schellackia occidentalis* (Bonorris and Ball, 1955)  
Sinden, R. E.; and Moore, J., 1974 a, figs.  
sporozoite, fine structure
- Schizotrypanum cruzi*  
Martinez, O., 1968 a  
human Chagas disease, clinical review, diagnosis, Triatoma vectors, review
- Schneideria Léger*, 1892  
Geus, A., 1969 a  
Sphaerocystidae
- Scyphidia*  
Hnath, J. G., 1975 a  
tested methods of treatment in intensive culturing conditions, review
- Selenidium "en point virgule"* Caullery et Mesnil, 1899  
Schrevel, J., [1971 c], 418  
[as syn. of] *S. cometomorpha* n. sp.
- Selenidium "libre à 60 stries"* Caullery et Mesnil, 1899  
Schrevel, J., [1971 c], 418  
[as syn. of] *Selenidium filiformis* n. sp.
- Selenidium* sp.  
Schrevel, J., [1971 c], figs.  
morphology  
*Polymnia nebulosa* (intestin): Roscoff
- Selenidium brasili* Ray 1930  
Schrevel, J., [1971 c], fig.  
morphology  
*Pomatoceros triquetus*: Wimereux
- Selenidium caulleryi* Brasil 1907  
Schrevel, J., [1971 c]  
morphology  
*Apomatus similis*: Chateau du Taureau (Baie de Morlaix)
- Selenidium cirratuli* (Ray Lankester) Mingazzini, 1893  
Schrevel, J., [1971 c]  
morphology  
*Audouinia tentaculata*: Wimereux, Roscoff
- Selenidium cometomorpha* n. sp.  
Schrevel, J., [1971 c], 394, 418, 420, figs. 17g, 18a-f  
[Syn.]: *Selenidium "en point virgule"* Caullery et Mesnil, 1899  
*Cirratulus cirratus*: Wimereux
- Selenidium fallax* MacGregor et Thomasson, 1965  
Schrevel, J., [1971 c]  
morphology  
*Audouinia tentaculata*: Wimereux, Roscoff
- Selenidium fallax* MacGregor et Thomasson, 1965  
Schrevel, J., 1971 d, figs.  
trophozoite ultrastructure, cortical structure
- Selenidium fallax*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Audouinia tentaculata*
- Selenidium filiformis* n. sp.  
Schrevel, J., [1971 c], 394, 417, 418, 420, 422, fig. 16d  
[Syn.]: *Selenidium "libre à 60 stries"* Caullery et Mesnil, 1899  
*Cirratulus cirratus* (intestin postérieur): Wimereux
- Selenidium filiformis* Schrevel, 1970  
Schrevel, J., 1971 d, figs.  
trophozoite ultrastructure, cortical structure
- Selenidium filiformis*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Cirratulus cirratus*
- Selenidium hollandei* Vivier et Schrével, 1966  
Schrevel, J., [1971 c], figs.  
life cycle, morphology, reproduction  
*Sabellaria alveolata* (intestin): Ile Rouge à St. Efflam (Nord Finistère)
- Selenidium hollandei* Vivier et Schrével, 1966  
Schrevel, J., 1971 d, figs.  
trophozoite ultrastructure, cortical structure
- Selenidium hollandei*  
Vivier, E.; et al., 1970 a, figs.  
surface structure, cytology, electron microscopy  
*Sabellaria alveolata*

- Selenidium melinnae* n. sp.  
Schrevel, J., [1971 c], 394, 417-418, figs. 17d-f  
*Melina palmata*: Terenès; Penpoull (Nord Finistère)  
[lapsus p. 418 as *S. mellinae*]
- Selenidium mellinae*  
Schrevel, J., [1971 c], 418  
[lapsus for *S. melinnae* n. sp.]
- Selenidium mercierellae* Théodoridès et Laubier, 1962  
Schrevel, J., [1971 c], figs.  
life cycle, morphology, reproduction  
*Mercierella enigmatica*: Canal de Caen
- Selenidium mesnili* Brasil, 1909  
Schrevel, J., [1971 c], figs.  
life cycle, morphology, reproduction  
*Myxicola infundibulum*: Penpoull (Nord Finistère)
- Selenidium pendula* Giard, 1884  
Schrevel, J., [1971 c], figs.  
life cycle, morphology, reproduction  
*Nerine cirratulus* (epithelium intestinale): Wimereux,  
Luc-sur-Mer, Roscoff
- Selenidium pendula* Giard 1884  
Schrevel, J., 1971 d, figs.  
trophozoite ultrastructure, cortical structure
- Selenidium pendula*  
Vivier, E.; et al., 1970 a  
surface structure, cytology, electron microscopy  
*Nerine cirratulus*
- Selenidium sabellariae* n. sp.  
Schrevel, J., [1971 c], 389, 394, 404-407, figs. 9a-c,  
10a-i, 11a-i  
life cycle, morphology, reproduction  
*Sabellaria alveolata* (region abdominale ou post-abdom-  
inale, intestin): Ile Rouge à St. Efflam (Nord Fini-  
stère)
- Selenidium spionis* (Kolliker) Ray, 1930  
Schrevel, J., [1971 c], figs.  
life cycle, morphology, reproduction  
*Scolecopsis fuliginosa*: Cherbourg, Roscoff
- Selenidium terebellae* (Koll.) Ray 1930  
Schrevel, J., [1971 c], figs.  
morphology  
*Terebella lapidaria*: Roscoff
- Selenidium virgula* Caullery et Mesnil, 1919  
Schrevel, J., [1971 c], figs.  
morphology  
*Cirratulus cirratus*: Wimereux
- Selenidium virgula* Caullery et Mesnil, 1919  
Schrevel, J., 1971 d, figs.  
trophozoite ultrastructure, cortical structure
- Selenidae*  
Schrevel, J., 1971 d  
discussion of systematic position within "Grégarino-  
morphes", distinction from "Eugrégarines", considered  
as primitive gregarines, "favorables à leur maintien  
actuel dans l'ordre des Archigrégarines"; ultrastruc-  
ture and physiology of some species
- Selenocystis foliata* (Ray) Dibb, 1938  
Schrevel, J., [1971 c], figs.  
life cycle, morphology, reproduction  
*Scolecopsis fuliginosa*: Cherbourg, Roscoff
- Sicuophora* n. gen.  
de Puytorac, P.; and Grain, J., 1968 a, 405, 412  
no type designated, includes: *S. xenopi* n. sp.; *S.*  
*cheni* (Wichterman, 1934) [n. comb.]; *S. kalii* (Uttan-  
gi, 1950) [n. comb.]  
*Plagiotomidae*
- Sicuophora cheni* (Wichterman, 1934) [n. comb.]  
de Puytorac, P.; and Grain, J., 1968 a, 412  
Syn.: *Nyctotherus cheni* Wichterman, 1934
- Sicuophora heimi* n. sp.  
Albaret, J.-L., 1970 a, 183, 184-187, figs. 1-5, 10, 11,  
14, 22-29  
description, skeletal apparatus, fibrillar system  
*Rana occipitalis*: République Centrafricaine; Congo  
Brazzaville  
*Ptychadena perreti*: République Centrafricaine
- Sicuophora kalii* (Uttangi, 1950) [n. comb.]  
de Puytorac, P.; and Grain, J., 1968 a, 412  
Syn.: *Nyctotherus kalii* Uttangi, 1950
- Sicuophora mabokensis* n. sp.  
Albaret, J.-L., 1970 a, 183, 187-189, figs. 6-9  
*Rana occipitalis*: République Centrafricaine; Congo  
Brazzaville
- Sicuophora xenopi* n. gen., n. sp.  
de Puytorac, P.; and Grain, J., 1968 a, 405-414, figs.  
1b, 2-10, pls. I-IV, figs. 1-11  
*Xenopus fraseri* (ampoule rectale): Makokou (Gabon)
- Siedleckiella* Jan.  
Ormieres, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidia*, key
- Siedleckiellinae* Jan.  
Ormieres, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidia*, key
- Sinuolinea magna* sp. n.  
Yoshino, T. P.; and Noble, E. R., 1973 a, 844, 847,  
figs. 3-5  
*Coryphaenoides acrolepis* (urinary bladder): off  
southern California (San Diego Trough)
- Sinuolinea magna* Yoshino & Noble, 1973  
Yoshino, T. P.; and Moser, M., 1974 a  
*Coryphaenoides pectoralis* (urinary bladder): northern  
California
- Sinuolinea triangulata* Schulman, 1966  
Yoshino, T. P.; and Moser, M., 1974 a  
(urinary bladder of all)  
*Coryphaenoides leptolepis*: Oregon  
*C. acrolepis*: northern California  
*C. filifer*: Oregon
- Sogdianella moshkovskii* Schurenkova, 1938  
Peirce, M. A., 1975 a  
as syn. of *Babesia moshkovskii* Laird & Lari, 1957
- Sphaeractinomyxidae* Jan.  
Ormieres, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidia*, key
- Sphaeractinomyxon* Caull. Mesn.  
Ormieres, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidia*, key
- Sphaerocystidae* Chakravarty, 1959  
Geus, A., 1969 a  
includes: *Sphaerocystis* Léger, 1892; *Schneideria*  
Léger, 1892; *Neoschneideria* Ormieres, Manier et  
Matthiez, 1965
- Sphaerocystis* Léger, 1892  
Geus, A., 1969 a  
*Sphaerocystidae*
- Sphaerorhynchus* Labbé, 1899  
Geus, A., 1969 a  
*Stylocephalidae*

- Sphaerospora angulata* Fujita, 1912  
Vinnichenko, L. N.; et al., 1971 a  
*Carassius auratus gibelio*; *Cyprinus carpio haematopterus*: all from mouth of Budunda
- Sphaerospora carassii* Kudo, 1919  
Hámory, G.; and Molnar, K., 1972 a, figs.  
carp fry (gills): Hungary
- Sphaerospora cyprini* (Fujita, 1912)  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: *Mitraspora cyprini* Fujita, 1912  
*Carassius auratus gibelio* (urinary bladder); *Cyprinus carpio haematopterus* (urinary bladder): all from mouth of Budunda
- Sporozoa  
Frenkel, J. K., 1974 a  
recent advances, morphology, life cycles, classification, extensive review
- Sporozoa, unidentified  
Hartley, W. J.; and Blakemore, W. F., 1974 a, figs.  
sheep, pathology, encephalomyelitis and myelomalacia; mixed infection with *Cysticercus tenuicollis*: Tasmania
- Sporozoa  
Porchet-Hennere, E.; and Vivier, E., 1971 a  
infectious stages, comparative ultrastructure, review
- Sporozoa Leuckart, 1879  
Scholtyssek, E. O.; and Mehlhorn, H., 1970 b  
Annulifera  
includes: *Gregarinia* Dufour, 1828; *Coccidia* Leuckart, 1879
- Sporozoa  
Schrével, J., 1971 b  
polysaccharides, coccidia, gregarines, *Toxoplasma*, hemosporidians, piroplasms, review
- Sporozoa  
Vivier, E.; et al., 1970 a  
vegetative forms, species of gregarines, coccidia, Plasmodium, piroplasmids, *Toxoplasma*, surface structures, comparative cytology, electron microscopy
- Sporozoa  
Vivier, E.; and Petitprez, A., [1970 a], figs.  
morphological criteria useful in taxonomy
- Sporozoan (possible connection with *Sarcocystis*)  
Dissanaike, A. S.; Lim, B.-L.; and Poopalachelvam, M., 1974 a  
*Echinorex gymmurus* (spleen): Perak
- Sporozoa Leuckart, 1879  
Levine, N. D., 1970 c  
*Apicomplexa* nov. subphylum  
Syn.: *Telosporea* Schaudinn, 1900  
includes: *Gregarinia* Dufour, 1828; *Coccidia* Leuckart, 1879; *Toxoplasma* Biocca, 1957
- Steinina ovalis*  
Devauchelle, G.; and Oger, C., 1968 a, fig.  
measurements, growth  
*Tenebrio molitor*
- Steinina ovalis*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Tenebrio molitor*
- Stempellia magna* (Kudo, 1920)  
Simmers, J. W., 1974 b  
*Culex restuans*; *Guliseta inornata*; *Anopheles punctipennis* (fat bodies, hemocoels of all): all from Carbondale, Illinois
- Stempellia magna* (Kudo, 1920)  
Tour, S.; Rioux, J. A.; and Croset, H., 1971 a, figs.  
morphology, life cycle  
*Aedes detritus*: southern France
- Stempellia milleri* Hazard and Fukuda, 1974  
Miller, F. M.; and Scanlon, J. E., 1976 a  
establishment and dispersal of infection in uninfected natural mosquito population, *Culex pipiens quinquefasciatus*, brief persistence in wild population: Harris County, Texas
- Stempellia simulii* Maurand et Manier, 1968  
Maurand, J.; and Loubes, C., [1974 a]  
cytochemical observations
- Stempellia tuzetae* n. sp.  
Tour, S.; Rioux, J. A.; and Croset, H., 1971 a, 205, 216-219, figs. 9, 11  
morphology, life cycle  
*Aedes detritus*: Aigues-Mortes (Gard), southern France
- Stenophora Labbé*, 1899  
Geus, A., 1969 a  
Stenophoridae
- Stenophora lagenata* n. sp.  
Geus, A., 1969 a, 60, 322-323, figs. 181a-d  
*Glomeris* sp.: Jugoslavien (Rovinj)
- Stenophora negotiosus*, new species  
Ramachandran, P., 1974 a, 149-152, figs. 1A-K  
*Phyllogonostreptus negotiosus* (midgut): Thottada, Cannanore, Kerala, India
- Stenophora orthomorphae* Rauchalles n. sp.  
Geus, A., 1969 a, 60, 327-328, figs. 186a-d  
*Orthomorpha gracilis*: Erlangen (Botanischer Garten), Germany  
key
- Stenophora vermiformis* Rauchalles n. sp.  
Geus, A., 1969 a, 59, 320-322, figs. 180a-d  
*Orthomorpha gracilis*: Erlangen (Botanischer Garten), Germany  
key
- Stenophoridae Léger et Duboscq, 1904  
Geus, A., 1969 a  
includes: *Stenophora Labbé*, 1899; *Fonsecaia Pinto*, 1922; *Hyalosporina Chakravarty*, 1935
- Stomatophoridae Bhatia, 1930  
Geus, A., 1969 a
- Strigomonas oncopelti*  
Chugunov, V. A.; Shirshov, A. T.; and Zaitseva, G. N., 1971 a  
ribosomes of kinetoplasts and cytoplasm, comparison
- Strigomonas oncopelti*  
Losaberidze, N. Sh., 1970 b, figs.  
ultrastructure, cellular membrane, nucleus, nucleoli, ribosomes, mitochondria microtubules, Golgi apparatus
- Strigomonas oncopelti*  
Zaitseva, G. N.; et al., 1971 a  
sedimentation properties of ribosomes and RNA, fractionation of ribosomal proteins, nucleotide composition of DNA and RNA
- Stylocephalidae Ellis, 1912  
Geus, A., 1969 a  
includes: *Stylocephalus* Ellis, 1912; *Ocephalus* Schneider, 1886; *Lophocephalus* Labbé, 1899; *Sphaerorhynchus* Labbé, 1899; *Lepismatophila* Adams et Travis, 1935; *Colepismatophila* Adams et Travis, 1935; *Bulbocephalus* Watson, 1916; *Cystocephalus* Schneider, 1886; *Campanacephalus* Théodoridès, 1955; *Cystocephaloides* Théodoridès et Jolivet, 1963

- Stylocephalus* Ellis, 1912  
Geus, A., 1969 a  
Stylocephalidae
- Stylocephalus* sp.  
Crumpton, W. J., 1974 a, fig.  
incidence, description, diagnosis, in larvae  
*Pericoptus truncatus* (gut): Spencer Park beach, North  
Canterbury
- Stylocephalus coniontis* n. sp.  
Nelson, J. K., 1970 a, 21, pl. 1, figs. c-e  
Coniontis sp.: Jefferson County, Colorado
- Stylocephalus convexus* n. sp.  
Nelson, J. K., 1970 a, 21, pl. 1, figs. f, l  
Eleodes sp.: Jefferson County, Colorado
- Stylocephalus elongatus* (Frantzius 1846), nov. comb.  
Geus, A., 1969 a, 69, 499-501, figs. 306a-e  
synonymy  
*Adesmia metallica*; *Crypticus quisquilius*
- Stylocephalus gigas* Filliponi, 1949  
Nelson, J. K., 1970 a, pl. 1, figs. g-h  
Eleodes *tricostata*: Jefferson County, Colorado
- Stylocephalus lanatus* n. sp.  
Nelson, J. K., 1970 a, 22-23, pl. 1, figs. i-k  
Eleodes sp.: Jefferson County, Colorado
- Stylocephalus lingulus* n. sp.  
Nelson, J. K., 1970 a, 23, pl. 2, figs. e-g  
Eleodes *extricata*: Jefferson County, Colorado
- Stylocephalus lingulus* [lapsus for *S. projectus* n. sp.]  
Nelson, J. K., 1970 a, 23
- Stylocephalus projectus* n. sp.  
Nelson, J. K., 1970 a, 23-24, pl. 1, figs. a-b  
[lapsus p. 23 as *S. lingulus*]  
Eleodes *extricata*: Jefferson County, Colorado
- Stylorhynchus elongatus* Wellmer, 1911  
Geus, A., 1969 a, 69, 499  
as syn. of *Stylocephalus elongatus* nov. comb.
- Sycia inopinata*  
Vivier, E.; et al., 1970 a, fig.  
surface structure, cytology, electron microscopy  
*Audouinia tentaculata*
- Synactinomyxon*  
Ormieres, R.; and Frezil, J.-L., 1969 a  
*Actinomyxidia*, key
- Syndinium gammari* n. sp.  
Manier, J.-F.; Fize, A.; and Grizel, H., 1971 a, 213-219,  
figs. 1-15  
*Gammarus locusta* (cavité générale, appendices): étang  
de Thau (Hérault)

- Telosporea Schaudinn, 1900  
Levine, N. D., 1970 c  
as syn. of Sporozoea Leuckart, 1879
- Tetractinomyxidae Poiss.  
Ormieres, R.; and Frezil, J.-L., 1969 a  
Actinomyxididae, key
- Tetractinomyxon Ikeda  
Ormieres, R.; and Frezil, J.-L., 1969 a  
Actinomyxididae, key
- Tetrahymena sp.  
Hoffman, G. L.; et al., 1975 a  
Ictalurus punctatus: Arkansas
- Tetrahymena corlissi Thompson, 1955  
Hoffman, G. L.; et al., 1975 a, figs.  
description, pathology, key  
Foecilia reticulatus (skin, muscle, viscera): aquariums  
and hatcheries
- Tetrahymena pyriformis (Ehrenberg, 1830)  
Vinnichenko, L. N.; et al., 1971 a  
Syn.: Glaucoma pyriformis Lwoff, 1922  
Elopichthys bambusa; Brachymystax lenok (nasal fossa  
of all): all from Amur, region of Lake Khivand
- Tetrahymena stegomyiae (Keilin)  
Villacarlos, L. T.; and Gabriel, B. P., 1974 a, figs.  
Aedes aegypti (nat. and exper.); A. albopictus; Armi-  
geres joloensis: all from Laguna, Philippines
- Tetratrichomonas  
Brugerolle, G., 1971 a  
comparison with other genera of Trichomonadinae, dis-  
cussion of phylogeny
- Tetratrichomonas garnhami sp. n.  
Navarathnam, E. S., 1971 c, 137-140, figs. 1-9  
Coturnix coturnix (intestine and caecum): India
- Tetragonospora Smith, 1930  
Geus, A., 1969 a  
Didymophyidae
- Thalassomyces fagei (Boschma, 1948)  
de Bhaldrathe, P., 1973 a, figs.  
Meganyctiphanes norvegica (cephalothorax): Galway  
Bay, off west coast of Ireland
- Thecamoeba sp.  
Sawyer, T. K.; et al., 1975 a  
Salmo gairdneri (gills): Michigan  
Oncorhynchus tshawytscha (gills, gill filaments):  
Oregon  
Oncorhynchus kisutch (gills): Oregon
- Thecamoeba hoffmani sp. n.  
Sawyer, T. K.; Hnath, J. G.; and Conrad, J. F., 1974 a,  
677-681, figs. 1-7  
Salmo gairdneri (gills): transported from Wolf Lake  
State Fish Hatchery, Mattawan, Michigan to Hatchery  
Biology Center, Grayling, Michigan  
Oncorhynchus kisutch; O. tshawytscha (gills of all):  
all from hatcheries in Washington; Oregon
- Theileria  
Kawamura, S., 1973 a, figs.  
bovine, diagnosis, giemsa and fluorescent stains, con-  
centration methods, agar gel precipitation, complement  
fixation: Japan
- Theileria  
Mohan, R. N., 1972 a  
detected in 1905, cattle, probably earliest report:  
India
- Theileria  
Young, A. S.; and Newson, R. M., 1973 a  
field-collected ticks maintained at 4°C vs. ambient tem-  
perature were superior material for attempts to isolate  
protozoa, higher rates of attachment and feeding on rab-  
bits and cattle
- Theileria sp.  
Barker, R. W.; et al., 1973 a  
found in Amblyomma americanum-infested neonatal  
Odocoileus virginianus, haematological changes:  
Oklahoma
- Theileria sp. (Githunguri strain)  
Burridge, M. J.; et al., 1974 b  
serological studies, atypical strain, unlike T. mutans,  
T. lawrencei and T. parva, some antigens in common with  
latter two species, passages, clinical studies, no  
subsequent immunity to T. parva  
Bos taurus (exper.)  
Rhipicephalus appendiculatus (exper.)  
Bos: Kiambu District, Kenya
- Theileria sp.  
Saito, Y.; and Hoogstraal, H., 1973 a  
Haemaphysalis mageshimaensis sp. n. likely vector,  
cattle: Mage Island, Kagoshima Prefecture, Japan
- Theileria annulata  
Bhattacharyulu, Y.; Chaudhri, R. P.; and Gill, B. S.,  
1975 a  
attempted transstadial transmission through six species  
of common ixodid ticks infesting Indian cattle, course  
and symptoms of infection in test calves
- Theileria annulata  
Burridge, M. J.; Brown, C.G.D.; and Kimber, C.D., 1974 a  
cell culture schizont antigen, indirect fluorescent  
antibody test, cross reactions with Theileria parva,  
T. lawrencei, and T. mutans
- Theileria annulata  
Gallo, C.; Guercio, V.; and Turla, B., 1971 a  
bovina: Ragusa, Sicilia ("importate dalla Danimarca")
- Theileria annulata  
Hashemi-Fesharki, R.; and Shad-Del, F., 1973 b  
strains, long term maintenance, freezing at -70 C
- Theileria annulata  
Hashemi-Fesharki, R.; and Shad-Del, F., 1974 a  
Terramycin, cattle, ineffective
- Theileria annulata  
Houshmand Rad, P., 1975 a  
infected lymphocytes, culture, lactalbumin hydrolysate  
and yeast extract in Eagle's medium
- Theileria annulata  
Mazlum, Z., 1968 a  
cattle, experimental transmission by Hyalomma a. asia-  
ticum
- Theileria annulata  
Pipano, E.; Klopfer, U.; and Cohen, R., 1973 a  
inoculation of cattle with infected bovine lymphoid cell  
line vaccine, no clinical signs of theileriosis or  
other harmful effects; inoculation of cheek pouches of  
golden hamsters produced no tumors
- T[heileria] annulata  
Popov, Iu. A., 1965 a  
bovine, seasonal distribution, berenil + naganin,  
berenil + sulfantrol: Batken region, Kirgiz
- Theileria annulata  
Shomein, A. M.; and Obeid, H. M., 1973 a  
protozoacides, cattle, not effective: Sudan
- Theileria annulata  
Turla, B.; Gallo, C.; and Sanna, P., 1975 a  
bovine, extensive review
- Theileria hirci  
Houshmand-Rad, P.; and Hawa, N. J., 1975 a  
cultivation, ovine lymphoid cells

- Theileria lawrencei*  
 Burridge, M. J.; et al., 1974 a  
 buffalo cell culture schizont antigen, comparison with bovine schizont antigens of *T. parva* and *T. lawrencei*, indirect fluorescent antibody test
- Theileria lawrencei*  
 Burridge, M. J.; et al., 1974 b  
 antigenic comparison with *Theileria* sp. (Gunthunguri strain)
- Theileria lawrencei*  
 Burridge, M. J.; Brown, C.G.D.; and Kimber, C.D., 1974 a  
 indirect fluorescent antibody test, cross reactions with *Theileria annulata* cell culture schizont antigen
- Theileria lawrencei*  
 Burridge, M. J.; and Odeke, G.M., 1973 a  
*Bubalus bubalis* (exper.), susceptibility, course of infection
- Theileria lawrencei*  
 Cunningham, M. P.; et al., 1974 a  
 cattle, homologous immunization effective, *T. parva* immunization ineffective
- Theileria lawrencei*  
 Irvin, A. D.; et al., 1974 b  
 bovine lymphoid cell cultures, autoradiography, cell fusion
- Theileria lawrencei*  
 Radley, D. E.; et al., 1975 b  
 cattle immunized by infection with several strains of *T. parva* or *T. lawrencei* in combination with oxytetracycline prophylaxis, protection against homologous and heterologous challenge
- Theileria lawrencei*  
 Young, A. S.; et al., 1973 b  
 cattle, cross-immunity with *Theileria parva*
- Theileria lawrencei*  
 Young, A. S.; et al., 1975 a  
 morphology of parasites developing in salivary glands of *Rhipicephalus appendiculatus* correlated with infectivity for cattle, preparation of stabilates of optimally infective material
- Theileria mutans*  
 Burridge, M. J.; et al., 1974 b  
 antigenic comparison with *Theileria* sp. (Gunthunguri strain)
- Theileria mutans*  
 Burridge, M. J.; Brown, C.G.D.; and Kimber, C.D., 1974 a  
 indirect fluorescent antibody test, cross reactions with *Theileria annulata* cell culture schizont antigen
- Theileria mutans*  
 Callow, L. L.; et al., 1976 a  
 diagnosis, indirect fluorescent antibody test, immunoelectrophoresis, homology of buffalo and bovine serum proteins, transmission from *Bubalus bubalis* to splenectomized *Bos taurus* (exper.)
- Theileria mutans*  
 Hoyte, H. M. D., 1972 a  
 calf inoculated with bovine blood from English abattoir, course of infection
- Theileria mutans*  
 Kagonyera, G., 1975 a  
 necessity for distinguishing from *T. parva* in studies of chemotherapy and mortality rates, cattle
- Theileria mutans* Theiler, 1906  
 Mimioglu, M. M.; Guler, S.; and Ulutas, M., 1972 a  
 morphology  
 Rind (Blut): Turkei
- Theileria mutans*  
 Morzaria, S. P.; Barnett, S. F.; and Brocklesby, D. W., 1974 a  
 cattle (nat. and exper.); *Haemaphysalis punctata*: all from Essex
- Theileria mutans*  
 Rogers, R. J.; and Callow, L. L., 1966 a  
 cattle, pathology, 3 fatal cases: Queensland, Australia
- Theileria mutans*  
 Turla, B.; Gallo, C.; and Sanna, P., 1975 a  
 bovine, extensive review
- Theileria ornithorhynchi* Mackerras, 1959  
 McMillan, B.; and Bancroft, B. J., 1974 a  
*Ornithorhynchus anatinus* (blood): New South Wales
- Theileria ovis*  
 Cogkuner, M. R., 1971 a  
 ovine: Turkey  
*Rhipicephalus bursa* (exper.)
- Theileria parva*  
 Burridge, M. J., 1971 a  
 indirect fluorescent antibody test, cattle
- Theileria parva*  
 Burridge, M. J.; et al., 1972 a  
 cattle, duration of immunity to East Coast fever in absence of reinfection
- Theileria parva*  
 Burridge, M. J.; et al., 1974 a  
 buffalo cell culture schizont antigens of *T. lawrencei*, comparison with bovine schizont antigens of *T. parva* and *T. lawrencei*, indirect fluorescent antibody test
- Theileria parva*  
 Burridge, M. J.; et al., 1974 b  
 antigenic comparison with *Theileria* sp. (Gunthunguri strain), cattle not protected by previous infection by this strain
- Theileria parva*  
 Burridge, M. J.; Brown, C.G.D.; and Kimber, C.D., 1974 a  
 indirect fluorescent antibody test, cross reactions with *Theileria annulata* cell culture schizont antigen
- Theileria parva*  
 Cunningham, M. P.; et al., 1973 a  
 ticks fed various substrates, infectivity for cattle
- Theileria parva*  
 Cunningham, M. P.; et al., 1973 b  
 cryopreservation, infective particles
- Theileria parva*  
 Cunningham, M. P.; et al., 1973 c  
 East Coast fever-susceptible and -recovered cattle, challenge with ground tick stabilate vs. classical 10-tick challenge (*Rhipicephalus appendiculatus*)
- Theileria parva*  
 Cunningham, M. P.; et al., 1974 a  
 cattle, immunization ineffective against *T. lawrencei*
- Theileria parva*  
 Cunningham, M. P.; et al., 1974 b  
 immunization, cattle, suspensions of tick-derived material, titrated infection
- Theileria parva*  
 Duffus, W. P. H.; and Wagner, G. G., 1974 a  
 cattle immunized with stabilate and concurrently treated with oxytetracycline, specific immunoglobulin response, serological tests on whole and fractionated sera



- Theileria parva*  
Duffus, W.P.H.; and Wagner, G.G., 1974 b  
indirect hemagglutination test using piroplasm antigen
- Theileria parva*  
Gourlay, R. N.; and Brocklesby, D. W., 1967 a  
antigen, agar gel precipitin test, intradermal skin test, ox
- Theileria parva*  
Hussel, L.; et al., 1970 a  
East Coast fever, cattle, etiology, pathogenesis, treatment, immunity, control of tick vector by dipping, extensive review, cattle and tick survey: Tanzania
- Theileria parva*  
Irvin, A. D.; et al., 1974 b  
bovine lymphoid cell cultures, autoradiography, cell fusion
- Theileria parva*  
Irvin, A. D.; et al., 1974 c  
infection of *Rhipicephalus appendiculatus* with *Theileria parva* by feeding on rabbits inoculated with infected bovine blood
- Theileria parva*  
Irvin, A. D.; et al., 1974 d, figs.  
inoculation of infected bovine lymphoid cells, whole-body irradiated mice, pathology
- Theileria parva*  
Irvin, A. D.; et al., 1974 e  
hamster kidney cells, bovine lymphoid cells, interspecies transfer, virus-induced cell fusion
- Theileria parva*  
Irvin, A. D.; et al., 1975 a  
heterotransplantation, infected bovine cells, irradiated athymic mice, production of tumor-like masses
- Theileria parva*  
Irvin, A. D.; et al., 1975 b  
failure to infect experimental mice, strain infective to cattle
- Theileria parva*  
Irvin, A. D.; Brown, C. G. D.; and Stagg, D. A., 1975 a, figs.  
short-term effects of irradiation on parasitized bovine lymphoid cells
- Theileria parva*  
Kagonyera, G., 1975 a  
cattle, failure of clinical East Coast fever to respond to chemotherapy, necessity for differentiating infection with *T. mutans*: Uganda
- Theileria parva*  
Muhammed, S. I., 1975 a  
infected cultured bovine lymphoid cells, experimentally infected cattle, 3,6-bis-dimethylaminoacridine, cells killed, delayed appearance of piroplasms
- Theileria parva*  
Muhammed, S. I., 1975 b  
cultured transformed bovine lymphoblastoid cells, migration in capillary tubes inhibited by leucocytes from immunized cattle
- Theileria parva*  
Purnell, R. E.; et al., 1973 a  
stage of maturation in ticks (determined by histologic exam of salivary glands) correlated with infectivity for cattle
- Theileria parva*  
Purnell, R. E.; et al., 1974 a  
<sup>60</sup>Co-irradiation in *Rhipicephalus appendiculatus* nymphs, impractical for producing attenuated vaccine
- Theileria parva*  
Purnell, R. E.; et al., 1974 b  
*Rhipicephalus appendiculatus*, infection rate variation, possible factors
- Theileria parva*  
Purnell, R. E.; Ledger, M. A.; and Obatre, J. B., 1972 a, figs.  
irradiation of infected *Rhipicephalus appendiculatus*, incidence of parasites in salivary glands
- Theileria parva*  
Radley, D. E.; et al., 1974 a  
cattle inoculated with suspensions of tick-derived infective material, dose- and time-dependent reactions, quantitative aspects of infection
- Theileria parva*  
Radley, D. E.; et al., 1975 a  
cattle, immunized by chemoprophylaxis, exposed to tick challenge, *Rhipicephalus appendiculatus*, survival with minimal reactions; unimmunized cattle exposed to same challenge died
- Theileria parva*  
Radley, D. E.; et al., 1975 b  
cattle immunized by infection with several strains of *T. parva* or *T. lawrencei* in combination with oxytetracycline prophylaxis, protection against homologous and heterologous challenge
- Theileria parva*  
Spooner, R. L.; et al., 1973 a  
cattle undergoing mild, severe, and fatal reactions to exper. East Coast fever, serum globulin changes
- Theileria parva*  
Turla, B.; Gallo, C.; and Sanna, P., 1975 a  
bovine, extensive review
- Theileria parva*  
Wagner, G.G.; et al., 1974 a  
specific antigens extracted from schizonts in infected bovine lymphoblast cell line, characterization, activity in immunodiffusion and complement fixation tests
- Theileria parva*  
Wagner, G.G.; et al., 1974 b  
piroplasm antigens isolated from French pressure cell extracts and by sonication, characterization, assay by immunodiffusion and complement fixation tests
- Theileria parva*  
Wagner, G. G.; et al., 1975 a  
cattle (exper.) during clinically severe East Coast fever, specific immunoglobulin response as demonstrated by complement fixation, indirect haemagglutination and indirect immunofluorescence tests on fractionated sera
- Theileria parva*  
Wagner, G. G.; Duffus, W. P. H.; and Burridge, M. J., 1974 a  
cattle immunized with purified piroplasm and/or schizont antigen, specific immunoglobulin response, serological tests on whole and fractionated sera, no protection against challenge infection
- Theileria parva*  
Young, A. S.; et al., 1973 b  
cattle, cross-immunity with *Theileria lawrencei*
- Theileria sergenti*  
Ito, S.; Kagota, K.; and Hirasawa, K., 1974 a  
experimental mixed infection with *Dictyocaulus viviparus*, calves
- Theileriasis*  
Fedorov, A. I.; and Karput, I. M., 1970 a  
bovine, immunomorphological changes, hematopoietic organs
- Theileriasis*  
Pabs-Carnon, L.; and Foley, V. A., 1974 a  
goats, hairy Sahelian: imported into Sierra Leone
- Theileriasis*  
Turla, B.; Gallo, C.; and Sanna, P., 1975 a  
bovine, case histories

- Thelohanellellus amurensis* Achmerov, 1955  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Thelohanellellus dogieli* Achmerov, 1955
- Thelohanellellus carassii* Achmerov, 1960  
Vinnichenko, L. N.; et al., 1971 a  
as syn. of *Thelohanellellus dogieli* Achmerov, 1955
- Thelohanellellus catlae* Chakravarty et Basu, 1958  
Vinnichenko, L. N.; et al., 1971 a  
*Ophiocephalus argus* warpachowskii (kidney): region of Lake Bolon
- Thelohanellellus cyprini* Hoshina et Hossodo, 1957  
Vinnichenko, L. N.; et al., 1971 a  
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*Cyprinus carpio haematopterus*; *Carassius auratus gibelio*: all from region of Lake Bolon; River Zeia (region of the mouth of Budunda)
- Thelohanellellus fuhrmanni* (Auerbach, 1909)  
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- Thelohanellellus hovorkae* Achmerov, 1960  
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Sprague, V., 1970 a  
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- Thelohania* sp.  
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Gassouma, M. S. S., 1972 a, 29, 32, pl. 1, fig. 2; pl. 2, fig. E  
spore dimensions, seasonal incidence, pathogenicity  
*Simulium ornatum* (fat body): River Lea (Hertfordshire), England
- Thelohania bertrami* sp. nov.  
Gassouma, M. S. S., 1972 a, 29, 30-31, pl. 2, fig. B; pl. 3, fig. 9; pl. 4, fig. 1-2  
spore dimensions, seasonal incidence, pathogenicity  
*Simulium ornatum* (fat body): River Lea (Hertfordshire), England
- Thelohania bicortex* n. sp.  
Baudoin, J., [1970 b], 443, 444, figs. 5-10  
*Phryganea grandis*: mare voisine du lac Chambon  
*Trichostegia minor*: mare du Puy-de-Côme, environs de Clermont-Ferrand
- Thelohania bracteata*  
Ezenwa, A. O., 1973 a  
*Simulium decorum*; *S. venustum*: all from vicinity of Churchill Falls, Labrador
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host-parasite relationships, potential for biological control of simuliids  
*Simulium venustum*; *S. vittatum*; *S. latipes*: all from Avalon Peninsula, Newfoundland
- Thelohania bracteata* (Strickland, 1913)  
Ezenwa, A. O., 1974 b  
seasonal occurrence and life cycles of parasite and simuliid hosts, possible biological control  
*Simulium venustum*: Avalon Peninsula, Newfoundland
- Thelohania bracteata* (Strickland, 1913)  
Liu, T. P.; and Davies, D. M., 1972 c, figs.  
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ultrastructure of frozen-etched polar filament, micro-cylinders may control the opening and closing of the central tube through which sporoplasm is discharged
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Gassouma, M. S. S., 1972 a, 31, pl. 2, fig. C; pl. 4, fig. 5  
spore dimensions, seasonal incidence, pathogenicity  
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- Thelohania contejeani* Henneguy, 1892  
Cossins, A. R.; and Bowler, K., 1974 a, figs.  
low infection rate, possible mode of transmission, life cycle stages (histological and ultrastructural studies)  
*Austropotamobius pallipes*: Northumberland, U. K.
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cytochemical observations
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*Austropotamobius pallipes*
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*Heliothis virescens*: Illinois
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life cycle, transovarial passage, infected eggs develop only into females  
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- Thelohanhia legeri*  
Fowler, J. L.; and Reeves, E. L., 1974 a  
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*Anopheles quadrimaculatus*: Florida
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*Anopheles labranchiae atroparvus*: southern France
- Thelohanhia minuta* sp. nov.  
Cassouma, M. S. S., 1972 a, 30, pl. 2, fig. A; pl. 3, figs. 7-8  
spore dimensions, seasonal incidence, pathogenicity  
*Simulium ornatum* (fat body): Tilling Bourne (Surrey), England
- Thelohanhia milleri* Stempell  
Bulnheim, H.-P., 1971 b, fig.
- Thelohanhia octospora* Henneguy, 1892  
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- Thelohanhia opacita* Kudo, 1922  
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morphology, life cycle  
*Aedes detritus*; *A. caspius*: all from southern France
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Syn.: *Plistophora peponoides* Schulman, 1962  
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adaptation to various insect hosts, possible biological control  
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spore dimensions, seasonal incidence, pathogenicity  
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- Thelohanhia trichostegiae* n. sp.  
Baudoin, J., [1970 b], 442, 443, 444, figs. 1-4  
*Trichostegia minor* (tissu adipeux, glandes séricigènes, tube digestif): mare du Puy-de-Côme, environs de Clermont-Ferrand
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[Syn.]: *Toddia* [sp.] Marquardt and Yaegert, 1967  
key  
*Agkistrodon piscivorus leucostoma*
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key  
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Gregarinidae  
tod: *T. stammeri* Rauchalles n. sp.  
key
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*Xenopus* spp. (blood): Uganda; Kenya  
*X. laevis*: Rhodesia
- Trypanosoma* [sp.]  
Zaman, V., 1972 c, figs.  
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- Trypanosoma amurensis* Vinnichenko, sp. n.  
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- Trypanosoma anura* Vinnichenko, sp. n.  
Vinnichenko, L. N.; et al., 1971 a, 13, 14-15, fig. 6  
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*Ploceus nigricollis brachypterus*; *Euplectes orix franciscana*; *Lonchura cucullatus cucullatus*; *Estrilda caerulea* (all exper.)
- Trypanosoma bouffardi*  
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- Trypanosoma brucei* spp.  
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- Trypanosoma brucei*  
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Mortelmans, J.; and Neetens, A., 1975 a, figs.  
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Murray, P. K.; et al., 1974 a  
mice, immunosuppression, possible role of macrophages, slight evidence

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mice, immunosuppression, associated with presence of live trypanosomes, possibly mediated through B lymphocyte defect
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*Mus musculus* (exper.)  
*Triatoma protracta navajoensis* (exper.)  
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- Trypanosoma lewisi*  
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- ?*Trypanosoma lewisi* of Johnson, 1933  
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measurements  
*Liocassis ussuriensis* (blood vessel): Amur River in region of Lake Khivand; River Zeia (mouth of Budunda)  
*L. braschnikovi* (blood vessel): River Zeia (mouth of Budunda)
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- Trypanosoma musculi*  
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- Trypanosoma musculi* (*Trypanosoma duttoni*)  
Dusanic, D. G., 1975 a  
infection patterns in complement-deficient vs. normal mice, severity of parasitemia, parasite reproductive activity, period of parasitemia, mechanism for elimination of parasites apparently not complement-dependent, antibody-mediated immune cytolysis
- Trypanosoma musculi*  
Dusanic, D. G., 1975 b  
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- Trypanosoma musculi*  
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- Trypanosoma musculi* (= *T. duttoni*)  
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lack of ablastin control of parasite reproduction in pregnant mice, placenta acts as "focus" of trypanosome reproduction, possible role of hormones and nutritional factors
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immunological response in normal and T-lymphocyte deprived mice, passive transfer of serum and cells, parasite DNA synthesis, agglutination and neutralization tests, persistence of parasite in kidneys of immune mice despite demonstration of trypanocidal and ablastic effects in serum
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- Trypanosoma musculi*  
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cell-mediated immunity, CBA mice
- Trypanosoma musculi*  
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mice, strong, species-specific and long-lasting immunity after recovery from infection, infectivity neutralization test reveals no demonstrable antigenic differences between stabilates, immunization confers strong but not complete protection
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synonymy, redescription, host specificity (cross-transmission studies), intensity and duration of parasitaemia, sterile immunity, morphology (size comparisons) *Spermophilus columbianus*; *S. franklinii*; *S. richardsonii*; *S. tridecemlineatus*; *S. undulatus plesius* (all nat. and exper.): all from Canada  
*Spermophilus lateralis tescoorum* (exper.)
- Trypanosoma* (*Herpetosoma*) *otospermophili*  
Hilton, D. F. J.; and Mahrt, J. L., 1972 b  
prevalence (haematocrit centrifuge technique vs. stained thin blood films), seasonal fluctuation  
*Spermophilus columbianus*; *S. franklinii*; *S. richardsonii*; *S. tridecemlineatus*: all from Alberta, Canada  
*Spermophilus undulatus plesius*: Yukon Territory, Canada
- Trypanosoma* (*Megatrypanum*) *pestanai*  
Peirce, M. A.; and Neal, C., 1974 a, fig.  
*Meles meles* (blood): Cornwall, British Isles
- Trypanosoma pitymydis* n. sp.  
Jolivet, A., 1970 a, 53-54, fig.  
*Pitymys multiplex* (= *P. incertus*) (sang): Hautes-Alpes (Beaumes)
- Trypanosoma plicae* sp. nov.  
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*Flica umbra* (blood): Belem, Para, Brazil
- Trypanosoma pseudobagri* Dogiel et Achmerov, 1959  
Vinnichenko, L. N.; et al., 1971 a, fig.  
measurements  
*Pseudobagrus fulvidraco* (blood vessel): Amur River in region of Petrovsk  
*Liocassis ussuriensis* (blood vessel): River Zeia in region near mouth of Budunda

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- Trypanosoma rangeli*  
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incidence survey, triatomid bugs, endemic areas *Rhodnius pallescens* (intestine, hemolymph, salivary glands): Republic of Panama
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*Proechimys iheringi* (blood): Estado de São Paulo
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- Trypanosoma rhodesiense*  
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Wellde, B. T.; et al., 1975 a  
variant specificity of immunity induced by irradiated parasites, rats
- T[*trypanosoma*] *rhodesiense*  
Wijers, D. J. B., 1974 a  
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- Trypanosoma rotatorium*  
Desser, S. S.; McIver, S. B.; and Jez, D., 1975 a  
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development in *Culex territans*, potential vector
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Fromentin, H., 1969 a  
cultivation, Parker medium, survival in presence of micro-organisms
- Trypanosoma (Trypanosoma) rotatorium* (Mayer, 1843) Gruby, 1843  
Fromentin, H., 1971 b, fig.  
cultivation in liquid media, nutritional needs, minimal medium, blood growth factors, extensive studies
- Trypanosoma rotatorium*  
Lank, D. R. (jr.), 1971 a  
*Rana catesbeiana*: Indiana
- Trypanosoma salamantae* sp. n.  
Pessoa, S. B.; and Fleury, G. C., 1969 a, 83, figs. 6-9  
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- Trypanosoma scelopori*  
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proline metabolism, proline-glutamate interconversion pathway suggested
- Trypanosoma siluri* Li, sp. n.  
Vinnichenko, L. N.; et al., 1971 a, 17, 18, fig. 11  
*Parasilurus asotus* (blood vessel): Lake Bolon; River Zeia (mouth of Budunda)  
*Silurus soldatovi* (blood vessel): Lake Bolon
- Trypanosoma (Nannomonas) simiae* (Bruce and others 1912)  
MacKenzie, P.K.I.; Boyt, W.P.; and Enslie, V.W., 1975 a, figs.  
sheep (nat. and exper.): Lusulu, Rhodesia  
domestic pig (exper.)
- Trypanosoma simiae*  
Vohradsky, F., 1974 a, fig.  
limiting factor, animal production, developing countries
- Trypanosoma sinipercae* Vinnichenko, sp. n.  
Vinnichenko, L. N.; et al., 1971 a, 15, 16-17, fig. 9  
*Siniperca chua-tsi* (blood vessel): Amur River (region of Petrovsk)
- Trypanosoma spermophili*  
Hilton, D. F. J.; and Mahrt, J. L., 1972 a  
"might be synonymous with *T. otospermophili*"
- Trypanosoma striata* Vinnichenko, sp. n.  
Vinnichenko, L. N.; et al., 1971 a, 15-16, fig. 7  
*Liocassis braschnikowi* (blood vessel): basin Amur River (Zeia River, mouth of Budunda)
- Trypanosoma (Herpetosoma) tamiasi* n. sp.  
Riedel, D.G., 1975 a, 1094B-1095B  
*Tamias striatus* (blood): Parc Provincial d'Algonquin, Ontario, Canada  
*Eutamias minimus*; *Spermophilus tridecemlineatus*; *Megathobris acerbus*; *M. quirini*; *Tamiochloa grandis* (all exper.)
- Trypanosoma theileri*-like  
Ayala, S. C.; et al., 1973 a  
*Mazama gouazoubira* (blood): eastern Colombia
- Trypanosoma theileri*  
Bhambhani, B. D., 1968 a, fig.  
bovine (peripheral blood), clinical symptoms: India
- Trypanosoma theileri*  
Chander, S.; and Gilman, J. P. W., 1975 a, figs.  
bovine, equal incidence of trypanosomiasis in leukosis and control herds, no correlations between trypanosomiasis, lymphocytosis and DNA synthesizing lymphocytes in peripheral circulation
- Trypanosoma theileri*  
Diaz Ungria, C., 1969 e  
bovinos: Estado Zulia, Venezuela
- Trypanosoma (Megatrypanum) theileri*, Laveran, 1902  
Fromentin, H., 1971 b, fig.  
cultivation in liquid media, nutritional needs, minimal medium, blood growth factors, extensive studies
- Trypanosoma theileri*  
Guillemain, B.; et al., 1975 a  
bovine, associated with lymphocytosis, possible correlation with leukemia virus
- Trypanosoma theileri*  
Hoyte, H. M. D., 1972 a, figs.  
calves inoculated with bovine blood from Algerian and English abattoirs, morphology, measurements, course of infection
- Trypanosoma theileri*  
Mammerickx, M.; and Dekegel, D., 1975 a, figs.  
no correlation between persistent lymphocytosis in short-term lymphocyte cultures and *T. theileri*, bovine leukosis

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Fromentin, H., 1971 b, fig.  
cultivation in liquid media, nutritional needs, minimal medium, blood growth factors, extensive studies
- Trypanosoma tritonis* Ogawa, 1913  
Isobe, C., 1964 b, fig.  
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- Trypanosoma vivax*  
Anosa, V. O.; and Isoun, T. T., 1976 a  
experimental infection in goats and sheep, serum proteins, blood and plasma volumes, anemia attributable to hemodilution and decrease in total circulating red cell volume
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Clarkson, M. J.; Penhale, W. J.; and McKenna, R. B., 1975 a  
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Diaz-Ungria, C.; and Maldonado Alvarez, C., 1969 a  
bovine, diagnosis
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Faucheux, M.-J., 1974 a  
*Glossina p. palpalis*: région de Brazzaville
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Isoun, M. J.; and Isoun, T. T., 1975 a, figs.  
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- Trypanosoma vivax*  
Isoun, T. T., 1975 a  
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Isoun, T. T.; and Isoun, M. J., 1974 a  
multiplication, mammalian tissue culture media buffered with 4-(2-hydroxy-ethyl)-1-piperazine-ethane sulphonic acid, isolated from cattle
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- Trypanosoma vivax*  
Leeflang, P., 1975 a  
cattle, distant from primary focus of savannah tsetse, higher infection rate than *T. congolense* in *Glossina morsitans*, short development in *G. morsitans*, close contact between dispersed tsetse and cattle
- Trypanosoma vivax*-type  
Moloo, S. K.; Steiger, R. F.; and Brun, R., 1973 a  
incidence increased with host age  
*Glossina swynnertoni*; *Glossina pallidipes*: all from Tanzania
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infection rates in cattle: Ikoma, South Mara District, Tanzania
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limiting factor, animal production, developing countries
- Trypanosoma vivax*  
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Wilson, A. J.; et al., 1975 a  
beef cattle, tsetse-infested area, Berenil, Samorin, no resistance developed, economic study: Kenya
- Trypanosoma vivax*  
Wilson, A. J.; et al., 1976 a  
cattle, Berenil, Samorin, development of immunity, challenge after withdrawal of drugs, tsetse infested area: Kenya
- Trypanosoma vivax*  
Wilson, A. J.; Paris, J.; and Dar, F. K., 1975 a  
cattle, maintenance with diminazene aceturate, productivity losses compared with herd in trypanosomiasis-free area, host resistance same in both herds
- Trypanosomatidae*  
Genermont, J., 1971 a  
kinetoplasts, genetics, review
- Trypanosomatidae* [sp.]  
Williams, P., 1976 a  
incidence, distribution in host gut  
"there can be little doubt that the parasites found . . . were *Trypanosoma leonidasdeanei*"  
*Lutzomyia beltrani* (gut): Belize, Central America
- Trypanosomatidae* [sp.]  
Williams, P., 1976 a  
incidence, distribution in gut of host  
*Lutzomyia trinidadensis* (gut): Belize, Central America
- Trypanosomatids*  
Christensen, H.A.; and Herrero, A., 1973 a  
*Lutzomyia gomezi*; *L. micropyga*; *L. panamensis*; *L. sanguinaria*; *L. trapidoi*; *L. trinidadensis*; *L. vesper-tilionis*: all from Panama
- Trypanosomatids*  
de Souza, W., 1975 a  
technique, cytochemical detection of polysaccharide surface coat
- Trypanosomes*  
Ayala, S. C.; et al., 1973 a  
*Didelphis marsupialis*; *Odocoileus virginianus*; *Rattus rattus* (blood of all): all from eastern Colombia
- Trypanosomes*  
Baker, J. R., 1974 a  
*Bufo regularis*: Zaire; Ethiopia  
*Ptychadena mascareniensis*; *Phrynobatrachus natalensis*: all from Ethiopia
- Trypanosomes*, mammalian  
von Brand, T. G., 1970 c  
biochemical and physiological findings as basis for distinguishing species and studying phylogeny, review

- Trypanosomes ("morphologically resembling *T. uniforme*")  
Chander, S.; and Gilman, J. P. W., 1975 a  
cattle
- Trypanosomes  
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method of infecting tsetse flies, defibrinated ox  
blood through chicken skin membrane
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tsetse fly dissection, midgut, separation of endo-  
from ectoperitrophic space, determination of parasite  
distribution
- Trypanosomes (?*Trypanosoma aunawa* sp. n.)  
Ewers, W. H., 1974 a, fig.  
leech feeding on *Miniopterus tristis* possible vector  
*Philaemon* sp., ?*jawarensis* (gut): Javarere Cave,  
near Pt. Moresby, Papua New Guinea
- Trypanosomes  
Hilgenfeld, M.; and Punke, G., 1974 a  
differential diagnosis
- Trypanosomes  
Kingston, N.; and Morton, J., 1973 a  
*Cervus canadensis* (blood): Wyoming
- Trypanosomes  
Krinsky, W. L., 1975 a, fig.  
*Odocoileus virginianus* (blood): Ithaca, New York
- Trypanosomes  
Krinsky, W. L.; and Pechuman, L. L., 1975 a  
distribution, morphology, culture forms  
*Chrysops ater*; *C. callidus*; *C. cincticornis*; *C. cuclux*;  
*C. geminatus*; *C. indus*; *C. macquarti*; *C. mitis*; *C.*  
*shermani*; *C. vittatus*; *Hybomitra difficilis*; *H. epis-*  
*tates*; *H. illota*; *H. lasiophthalma*; *H. sodalis*; *H.*  
*typhus*; *H. zonalis*; *Tabanus calens*; *T. marginalis*; *T.*  
*quinquevittatus*; *T. sackeni*; *T. similis*; *T. sparus*  
*milleri*; *T. sulcifrons*; *T. superjumentarius*: all from  
central New York State
- Trypanosomes, salivarian  
Lumsden, W. H. R., 1972 b  
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- Trypanosomes  
Lumsden, W. H. R.; Herbert, W. J.; and McNeillage, G. J. C.,  
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serology, laboratory hosts, chromatography, statistical  
methods)
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Maillot, L., 1975 a  
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Moloo, S. K.; Steiger, R. F.; and Hecker, H., 1970 a  
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possibly in region of Type II cells
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Sen Gupta, M. R., 1974 a, figs.  
mixed infection, *Haemogregarina*, common krait: Zoo-  
logical Gardens, Calcutta; degenerative stages in  
blood of dead wolf, white tiger
- Trypanosomes  
Stohlman, V.; et al., 1973 a  
biphasic medium for culture, nutrient diffusion
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Weinman, D., 1970 b  
*Macaca ira*: Malaysia  
*M. nemestrina*: Malaysia  
*Triatoma rubrofasciata*: Singapore  
mice (exper.)
- Trypanosome (resembles *T. americanum*)  
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cattle, intrauterine transmission
- Trypanosomes  
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"Cyto-centrifuge"
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IgM level
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AS hemoglobin carriers, higher receptivity; AC hemo-  
globin carriers, partial protection, IgM levels
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elimination, insecticides, biological control, review
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of etiology of disease, and native herb treatments:  
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mission by laborers from endemic areas to non-endemic  
areas
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human, gel diffusion test against *Sarcocystis* antigen,  
nonspecific precipitation reactions

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tsetse fly

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control measures

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England

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human, possible correlation of B-cell mitogen and  
hypergammaglobulinemia of infection

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cultured, all modified by factors in vector, not  
genetically changed by isolation, review

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- Wartón, A., 1973 a  
cytochemistry, biochemistry and electron microscopy,  
kinetoplast, review

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- Maurand, J.; et al., 1971 a, 221, 224  
Microsporidia, mt: *T. infirma* (Kudo, 1921) [n. comb.]

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- Maurand, J.; et al., [1973 a], figs.  
*Macrocyclops albidus*: le ruisseau La Vene a Issanka  
(eaux continentales de la region de Montpellier)

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life cycle, sterilization of host  
Syn.: *Nosema infirmum* Kudo, 1921  
*Macrocyclops fuscus* (ovaire): région d'Alès (Gard-  
France)

## Tyzzeria alleni Chakravarti &amp; Basu (1947)

- Mandal, A. K., 1971 a  
*Nettapus coromandelianus* (faecal): suburb of Calcutta,  
India

## Tyzzeria pellerdyi

- Bhatia, B. B., 1968 b, figs.  
morphology  
*Ansar indicus* (feces)



- Unicapsula pflugfelderi* n. sp.  
 Schubert, G.; Sprague, V.; and Reinboth, R., 1975 a,  
 245-252, figs. 1-11.  
 possible pinocytosis of host tissue by trophozoite  
*Maena smar*is (dorsal muscles): Banyuls-sur-Mer,  
 France
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 Canning, E. U.; and Nicholas, J. P., 1974 a, 92-100,  
 figs. 1-22  
 morphology, light and electron microscopy  
*Meigymnophallus minutus*: Southend, England
- Urceolaria mirabilis* sp. n.  
 Shtein, G. A., 1974 a, 965, 970-972, fig. 4(1-2)  
*Strongylocentrotus nudus* (surface): Sea of Japan (Gulf  
 of Peter the Great)
- Urospora longissima*  
 Vivier, E.; et al., 1970 a  
 surface structure, cytology, electron microscopy  
*Dodecaceria caulleryi*
- Urosporididae Léger, 1892  
 Geus, A., 1969 a
- Urosporidium Caullery & Mesnil*, 1905  
 Sprague, V., 1970 b  
 Haplosporidiidae
- Urosporidium crescens*  
 Couch, J. A., 1974 a, figs.  
 pathological changes, *Megalophallus* sp.;  
*Callinectes sapidus*: all from Chincoteague Bay,  
 Maryland
- Vahlkampfiidae  
 Gordeeva, L. M., 1973 a  
 species causing disease in humans and animals, review
- Wenyonella mackinnoni* Misra (1947)  
 Mandal, A. K., 1971 a  
*Motacilla alba* (faecal): suburb of Calcutta, India
- Whirling disease. See [*Myxosoma cerebralis*]

- Zelleriella bolivari*  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Zelleriella cornucopia*  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Zelleriella dubia*  
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length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Zelleriella leptodeirae*  
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length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Zelleriella ovonucleata*  
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length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Zelleriella proterocarya* Amaro, A., 1964  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition  
Leptodactylus podicipinus: State of Bahia, Brazil
- Zelleriella uruguayensis quadrata*  
Earl, P. R., 1969 a  
length, width, length:breadth ratio, phenotypic and intraspecific variations, implications for species recognition
- Zschokkella globulosa* Davis, 1917  
Yoshino, T. P.; and Moser, M., 1974 a  
(urinary bladder and ducts, kidney tubules of all)  
*Coryphaenoides abyssorum*: central California; Oregon  
*C. leptolepis*: central California; Oregon; Washington
- Zschokkella nova*  
Rauckis, E., 1970 b  
*Rutilus rutilus* (gall bladder): Lake Dusia, Lithuanian SSR
- Zschokkella nova* Klokačewa, 1914  
Vinnichenko, L. N.; et al., 1971 a  
(gall bladder of all)  
*Leuciscus waleckii*: region of Lake Bolon; River Zeia (region of mouth of Budunda)  
*Otenopharyngodon idella*: Amur River in region of Petrovsk
- Zschokkella ophiocephali* Chen, 1961  
Vinnichenko, L. N.; et al., 1971 a  
*Ophiocephalus argus warpachowskii* (liver, bile duct, gall bladder): Amur River in region of Lake Bolon
- Zschokkella parasiluri* Fujita, 1927  
Vinnichenko, L. N.; et al., 1971 a  
(gall bladder of all)  
*Silurus soldatovi*: Amur River in region of Lake Khivand  
*Parasilurus asotus*: region of Lake Bolon  
*Pseudobagrus fulvidraco*: region of Lake Bolon
- Zschokkella russelli* Tripathi, 1948  
Yoshino, T. P.; and Moser, M., 1974 a  
*Coryphaenoides abyssorum*; *C. filifer* (urinary bladder of all): all from Oregon
- Zygocystis ictericae* Segun  
Segun, A. O., 1972 a  
*Allolobophora icterica* (=Eophila icterica): Britain
- Zygocystis legeri*  
McMahan, M. L., 1975 a  
*Pheretima diffringens* (seminal vesicles): East Baton Rouge Parish, Louisiana

