

CATALOGUE OF PROTOZOAN PARASITES RECORDED IN AUSTRALIA

PETER J. O'DONOGHUE & ROBERT D. ADLARD

O'Donoghue, P.J. & Adlard, R.D. 2000 02 29: Catalogue of protozoan parasites recorded in Australia. *Memoirs of the Queensland Museum* **45**(1):1-164. Brisbane. ISSN 0079-8835.

Published reports of protozoan species from Australian animals have been compiled into a host-parasite checklist, a parasite-host checklist and a cross-referenced bibliography. Protozoa listed include parasites, commensals and symbionts but free-living species have been excluded. Over 590 protozoan species are listed including amoebae, flagellates, ciliates and 'sporozoa' (the latter comprising apicomplexans, microsporans, myxozoans, haplosporidians and paramyxians). Organisms are recorded in association with some 520 hosts including mammals, marsupials, birds, reptiles, amphibians, fish and invertebrates. Information has been abstracted from over 1,270 scientific publications predating 1999 and all records include taxonomic authorities, synonyms, common names, sites of infection within hosts and geographic locations. *Protozoa, parasite checklist, host checklist, bibliography, Australia.*

Peter J. O'Donoghue, Department of Microbiology and Parasitology, The University of Queensland, St Lucia 4072, Australia; Robert D. Adlard, Protozoa Section, Queensland Museum, PO Box 3300, South Brisbane 4101, Australia; 31 January 2000.

CONTENTS

| | |
|-------------------------|-----|
| HOST-PARASITE CHECKLIST | 5 |
| Mammals | 5 |
| Reptiles | 21 |
| Amphibians | 26 |
| Birds | 34 |
| Fish | 44 |
| Invertebrates | 54 |
| PARASITE-HOST CHECKLIST | 63 |
| Flagellates | 63 |
| Opalinids | 73 |
| Amoebae | 77 |
| Apicomplexans | 79 |
| Microsporans | 106 |
| Myxozoans | 108 |
| Haplosporidians | 111 |
| Paramyxians | 112 |
| Ciliates | 112 |
| LITERATURE CITED | 119 |
| APPENDIX (BIBLIOGRAPHY) | 120 |

Published records of protozoan organisms associated with Australian hosts are scattered throughout the scientific literature covering a wide range of disciplines and fields; including medicine, veterinary science, zoology, limnology, marine science, microbiology, entomology, biochemistry, haematology, pathology, molecular biology, genetics, systematics and evolution. The diverse array of potential source documents presents many difficulties when searching

the literature for reports relevant to contemporary studies. Such problems could be avoided if all previous records were consolidated into a single database. Most researchers currently avail themselves of various electronic database and abstracting services but none include literature published earlier than 1985 and not all journal titles are covered in their databases.

Several catalogues of parasites in Australian hosts have previously been published. Mackerras (1958) published a four part catalogue recording protozoan, helminth and pentastomid parasites in monotremes and marsupials, eutheria, introduced herbivora and the domestic pig, and man in Australia. Beumer *et al.* (1982) published a checklist of protozoan and helminth parasites of fishes from Australia and adjacent Antarctic territories. These definitive works have been of immense value but they are outdated. Many new species have since been described, the life cycles of several heteroxenous species have been determined and many groups (both parasite and host assemblages) have undergone taxonomic revision. Many synonymies have been proposed and several problems in the identification of hosts and parasites perpetuated in the early literature have been resolved.

Given the considerable progress made over the last few decades and the resurgence of interest in protozoology in Australia, we consider it timely to take stock of the present situation and to summarize all previous records into a single work. To facilitate future studies, we have compiled all

TABLE 1: Taxonomic overview and codes used throughout the text

| KINGDOM | PHYLUM | CLASS | ORDER | CODE | |
|----------|-------------------|--------------------|-------------------|-----------------|---------|
| Metazoa | Chordata | Mammalia | | MAM | |
| | | Reptilia | | REP | |
| | | Amphibia | | AMP | |
| | | Aves | | AVE | |
| | | Chondrichthyes | | CHO | |
| | | | Actinopterygii | | ACT |
| | | Arthropoda | | | ART |
| | | Echinodermata | | | ECH |
| | | Annelida | | | ANN |
| | | Mollusca | | | MOL |
| | Platyhelminthes | | | PLA | |
| Protista | Sarcomastigophora | Phytomastigophorea | Dinoflagellida | PHY:din | |
| | | | Euglenida | PHY:eug | |
| | | | Zoomastigophorea | Kinetoplastida | ZOO:kin |
| | | | | Proteromonadida | ZOO:pro |
| | | | | Retortamonadida | ZOO:ret |
| | | Diplomonadida | | ZOO:dip | |
| | | Pyrsonymphida | | ZOO:pyr | |
| | | | | Trichomonadida | ZOO:tri |
| | | | | Hypermastigida | ZOO:hyp |
| | | | Opalinatea | Opalinida | OPA:opa |
| | | | Lobosea | Amoebida | LOB:amo |
| | | | | Acanthopodida | LOB:aca |
| | | | | Leptomyxida | LOB:lep |
| | | | Heterolobosea | Schizopyrenida | HET:sch |
| | | | | Neogregarinida | GRE:neo |
| | | Apicomplexa | Gregarinia | GRE:eug | |
| | | | Coccidia | Adeleida | COC:ade |
| | | | | Eimeriida | COC:eim |
| | | Haematozoa | Haemosporida | HEM:hae | |
| | | | Piroplasmida | HEM:pir | |
| | | Microspora | Microsporeia | MIC:mic | |
| | | | Myxozoa | Bivalvulida | MYX:biv |
| | | Multivalvulida | | MYX:mul | |
| | | Actinosporea | | ACT:act | |
| | | Haplosporidia | | Haplosporida | HAP:hap |
| | | | | Marteilida | MAR:mar |
| | | Paramyxia | Marteilida | MAR:mar | |
| | | Ciliophora | Spirotrichea | SPI:cle | |
| | | | Litostomatea | Clevelandellida | SPI:cle |
| | | | | Pleurostomatida | LIT:ple |
| | | | Vestibulifera | LIT:ves | |
| | | | Entodiniomorphida | LIT:ent | |
| | | Phyllopharyngea | Cyrtophorida | PHY:cyr | |
| | Endogenida | | PHY:end | | |
| | Exogenida | | PHY:exo | | |
| | Oligohymenophorea | Hymenostomatida | OLI:hym | | |
| | | Scuticociliatida | OLI:scu | | |
| | | Sessilida | OLI:ses | | |
| | | Mobilida | OLI:mob | | |
| | | Apostomatia | OLI:apo | | |
| | Uncertain status | | | UNC:sta | |

published accounts of protozoan organisms associated with host organisms in Australia into a host-parasite checklist, a parasite-host checklist and bibliography. The terms italicised below are defined further in the context of this document.

Published Accounts: This catalogue is restricted to factual accounts published prior to 1999 in reference text books, refereed scientific journals and the edited proceedings of major conferences or workshops (i.e. sources allocated an ISBN code and readily available in major libraries). Unconfirmed anecdotal observations, thesis reports and conference abstracts have not been included as they are not recognized as legitimate sources for species descriptions according to the International Code of Zoological Nomenclature (1999). Every effort has been made in this catalogue to maintain accurate historical records with due regard for subsequent synonyms (complete synonymy indicated by the abbreviation “syn.” and partial synonymy indicated by the symbol “=“). Despite our best efforts some published records may have been overlooked and we would welcome any additions or corrections. The catalogue database is managed electronically and can be readily upgraded.

It should be noted that there remains great scope for research on protozoan parasites in Australia. From a taxonomic viewpoint, it is clear that we have little knowledge of the true biodiversity of protozoan parasites of our vertebrate fauna, while that of our invertebrate hosts is largely unknown (see Adlard & O’Donoghue, 1998).

Protozoan organisms: Protozoan nomenclature follows the classification system recommended by the Society of Protozoologists Committee on Nomenclature and Systematics (Levine *et al.*, 1980) which was subsequently revised in their illustrated guide (edited by Lee *et al.*, 1985) and elaborated by Margulis *et al.* (1990). Protozoa have conventionally been classified as members of the animal kingdom due to their many similarities to metazoan cells. More recently, they have been classified together with several algal and fungal groups in the kingdom Protista (or Protoctista) mainly on the basis of their unicellular organization (protozoa being known as motile protists as distinct from non-motile algal and fungal protists). Whatever the case, the subkingdom Protozoa has never been considered a natural assemblage of organisms but rather one of convenience and the name protozoa has been retained by many authorities for historical reasons. The phylum

Myxozoa has also been retained for historical reasons despite recent evidence that these multicellular spore-formers may actually be Cnidaria or Bilateria. The systematic positions of all protozoa recorded in the host-parasite checklist are indicated by abbreviations placed at the start of each record (see Table 1).

Host Organisms: This catalogue contains records of all protozoa associated with a host organism, irrespective of the nature of that relationship, be it parasitic, symbiotic or commensal. Hosts predominantly include vertebrates (mammals, reptiles, amphibia, birds and fish) as well as some miscellaneous invertebrates (mainly molluscs, decapods and insects). The classification systems follow that of Strahan (1998) for mammals, Cogger (1996) for reptiles and amphibians, Sibley & Monroe (1990, 1993) for birds, Nelson (1994) for fish and various authors for arthropods. Every effort has been made to use contemporary but generally accepted classification systems to simplify data retrieval. The catalogue does not include any records of free-living protozoa (a bibliography of free-living protozoa in Australia has recently been compiled by David Patterson and Alistair Simpson at the University of Sydney, pers. comm.). Most records pertain to free-ranging wild animals but where they do not, they have been annotated appropriately (e.g. zoo animal, experimental infection, etc.). The site of infection within or on the host is recorded to indicate possible tissue or organ specificity as well as to suggest the potential pathogenic outcome or consequences of infection.

Australia: The continent of Australia and its adjacent waters have been divided into 30 distinct zoogeographic regions on the basis of their fauna, flora, climate, geology and hydrology. Terrestrial regions (1-12) conform to natural drainage divisions (Anonymous, 1976) whereas marine regions (13-30) conform to natural oceanographic divisions (Beumer *et al.*, 1982) (Fig. 1).

Host-parasite Checklist: Hosts are listed according to phylum and all protozoan records are entered for each species. Host nomenclature follows lists published by the Australian Biological Resources Study in the “Fauna of Australia” and the “Zoological Catalogue of Australia”. Common names are provided where possible together with relevant synonyms arising from revisions. Animals have not been listed if no protozoa have been recorded in association with them.

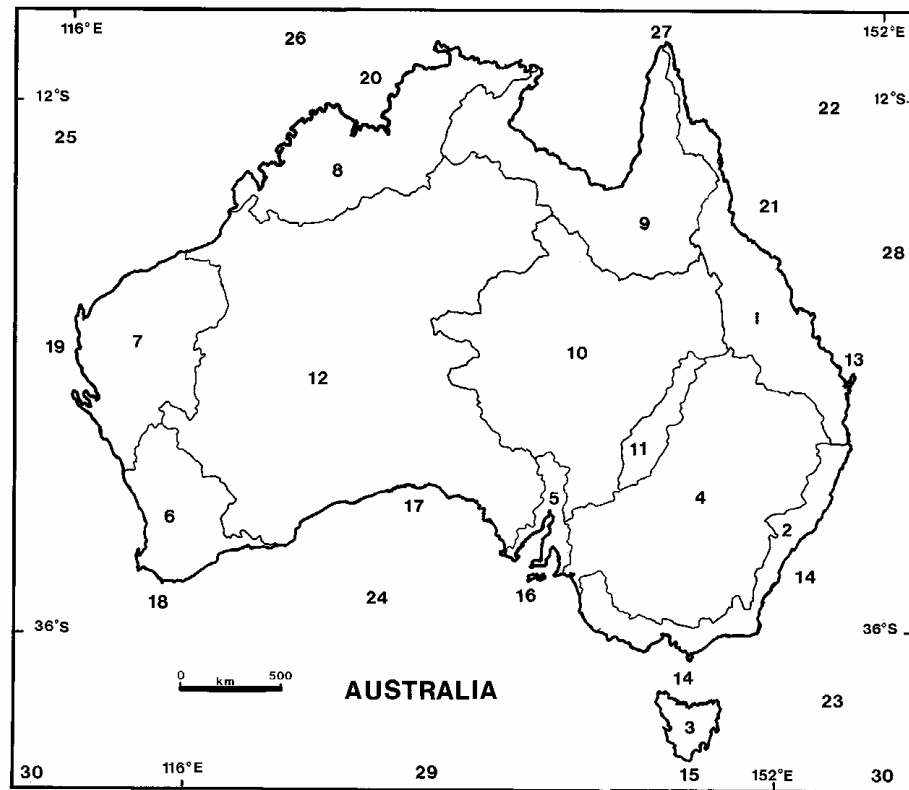


FIG.1. Regions of Australia given for each entry in checklist: R1, North-east drainage; R2, South-east drainage; R3, Tasmanian drainage; R4, Murray-Darling drainage; R5, South Australian drainage; R6, South-west drainage; R7, Far-west drainage; R8, North-west drainage; R9, Carpentarian drainage; R10, Lake Eyre drainage; R11, Bulloo-Bancannia drainage; R12, Western plateau drainage; R13, North-east coast; R14, South-east coast and Bass Strait; R15, Tasmanian coast; R16, South Australian Gulf; R17, Bight coast; R18, South-west Coast; R19, Far west coast; R20, Timoresian coast; R21, Great Barrier Reef; R22, Coral Sea; R23, Tasman Sea; R24, Great Australian Bight; R25, Indian Ocean; R26, Timor Sea/Arafura Sea; R27, Gulf of Carpentaria/Torres Strait; R28, Pacific Ocean; R29, Antarctic Region; R30, Southern Ocean.

Parasite-host Checklist: Parasites are listed according to the classification system proposed and modified by the Society of Protozoologists (Levine *et al.*, 1981; Lee *et al.*, 1985; Margulis *et al.*, 1990). All hosts recorded for individual parasites are listed alphabetically according to species and common names are provided as appropriate.

Bibliography: All publications are listed alphabetically according to author(s) and numbered in ascending order; the number corresponding to those given in brackets at the end of each record in the checklists. Abbreviations of journal titles in the

Appendix follows the World List of Scientific Periodicals.

Abbreviations. CSFA, complement-staining fluorescent-antibody test; DT, dye test; DAT, direct agglutination test; CFT, complement fixation test; ELISA, enzyme-linked immunosorbent assay; HAT, haemagglutination test; IFAT, indirect fluorescent-antibody test; IHAT, indirect haemagglutination test; LAT, latex agglutination test; LU, location unspecified; MAT, modified agglutination test; RIA, radio immuno-assay; RU, region unspecified.

HOST-PARASITE CHECKLIST

Class: MAMMALIA [mammals]
 Subclass: EUTHERIA [placental mammals]
 Order: PRIMATES [prosimians and simians]
 Suborder: SIMIAE [monkeys, apes, man]
 Family: HOMINIDAE [man]

Homo sapiens Linnaeus, 1758 [man]

COC:eim *Cryptosporidium parvum* Tyzzer, 1912; faeces; R5, R6 (184, 765, 796, 797, 798, 799, 1239)
 COC:eim *Cryptosporidium* sp.; faeces, intestines, bile; R2, R3, R5, R10 (37, 80, 167, 239, 349, 358, 426, 466, 470, 675, 677, 678, 740, 889, 935, 1102, 1175, 1177, 1178, 1179, 1180, 1183, 1225)
 COC:eim *Cyclospora* sp. (= CLB's, cyanobacteria-like or coccidia-like bodies); faeces; R1, R2, R5 (141, 742, 913)
 COC:eim *Isoospora belli* Wenyon, 1923; faeces; R2, R8 (142, 763)
 COC:eim *Sarcocystis hominis* (Railliet & Lucet, 1891); faeces; RU, R8 (167, 1038, 1102)
 COC:eim *Sarcocystis* sp.; muscle, antibodies (ELISA), faeces; R1, R2, R5 (692, 763, 861, 924, 925)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, lymph nodes, antibodies (CFT, DT, IHAT, DAT, LAT, IFAT, ELISA); RU, R1, R2, R3, R4, R5, R6, R9 (41, 167, 223, 248, 249, 310, 325, 388, 436, 437, 494, 527, 534, 536, 537, 544, 547, 559, 621, 692, 781, 812, 827, 901, 925, 1010, 1011, 1032, 1060, 1063, 1102, 1116, 1129, 1132, 1219)
 HEM:hae *Plasmodium falciparum* Welch, 1897; blood; RU, R1, R2, R3, R8, R9 (22, 80, 84, 85, 87, 88, 89, 90, 91, 129, 194, 240, 342, 343, 344, 370, 510, 567, 581, 685, 686, 687, 688, 690, 692, 878, 1006)
 HEM:hae *Plasmodium malariae* (Feletti & Grassi, 1889); blood; RU, R1, R2, R3, R8, R9 (87, 89, 90, 91, 194, 240, 370, 522, 567, 581, 685, 686, 692, 878)
 HEM:hae *Plasmodium ovale* Stephens, 1922; blood; R8 (90, 91, 370)
 HEM:hae *Plasmodium* sp.; blood; RU, R1, R8, R9 (193, 322, 692, 729, 1235)
 HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); blood; RU, R1, R2, R3, R8, R9 (22, 82, 84, 85, 86, 87, 88, 89, 90, 91, 129, 194, 218, 219, 240, 342, 343, 344, 370, 510, 562, 567, 573, 581, 685, 686, 687, 688, 689, 692, 791, 877, 878, 1006, 1250)
 HET:sch *Naegleria fowleri* Carter, 1970; brain, cerebrospinal fluid; R1, R5, R6 (1, 9, 180, 181, 182, 351, 354, 356, 381, 425, 524, 532)

LIT:ves *Balantidium coli* (Malmstein, 1857); colon, urogenital tract; RU, R6 (692, 873, 1102, 1215)
 LOB:aca *Acanthamoeba* sp.; eye, brain, R5, R6 (44, 183, 532, 1028)
 LOB:amo *Amoeba* sp.; gut; RU (692, 876)
 LOB:amo *Dientamoeba fragilis* Jepps & Dobell, 1918; gut; RU, R2 (65, 130, 692, 1217)
 LOB:amo *Endolimax nana* (Wenyon & O'Connor, 1917); colon, faeces; RU, R2, R3 (65, 405, 692, 1217)
 LOB:amo *Entamoeba coli* (Grassi, 1879); gut, faeces; RU, R1, R2, R3, R8 (65, 405, 567, 570, 692, 741, 763, 1217, 1244)
 LOB:amo *Entamoeba gingivalis* (Gros, 1849); mouth; RU (562, 567, 573, 692)
 LOB:amo *Entamoeba hartmanni* Prowazek, 1912; faeces; R2, R8 (763, 1217)
 LOB:amo *Entamoeba histolytica* Schaudinn, 1903; gut, liver, faeces; RU, R2, R3 (65, 80, 132, 194, 240, 359, 405, 518, 562, 567, 570, 573, 581, 692, 1139, 1209, 1217, 1244)
 LOB:amo *Iodamoeba butschlii* (Prowazek, 1911); gut, faeces; RU, R2, R3 (65, 283, 405, 692, 728, 1217, 1244)
 MIC:mic *Encephalitozoon cuniculi* Levaditi *et al.*, 1923; antibodies (IFAT); RU (1246)
 MIC:mic *Encephalitozoon intestinalis* (Cali *et al.*, 1993); intestines; RU (615)
 MIC:mic *Enterocytozoon bienersi* Desportes *et al.*, 1985; faeces, intestinal biopsy; R5 (679)
 MIC:mic *Nosema* sp.; faeces (incidental finding); R1 (741)
 MYX:biv *Myxobolus plectroplites* Johnston & Bancroft, 1918; faeces (incidental finding); R1 (120)
 UNC:sta *Blastocystis hominis* Brumpt, 1912; faeces; R1, R2 (80, 117, 118, 119, 185, 319, 470, 552, 742, 1095, 1096, 1097, 1098, 1186, 1217)
 UNC:sta *Pneumocystis carinii* Delanoë, 1912; lung; RU, R2 (692, 992, 1102, 1179)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); gut, faeces, coproantigens (ELISA); RU, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R12 (16, 18, 19, 20, 37, 65, 80, 83, 101, 102, 103, 104, 105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 116, 131, 132, 133, 134, 176, 186, 187, 188, 228, 238, 239, 324, 328, 337, 338, 339, 340, 346, 358, 405, 423, 468, 470, 488, 489, 490, 495, 616, 692, 728, 735, 736, 741, 745, 757, 758, 759, 760, 761, 762, 763, 764, 792, 795, 953, 993, 994, 995, 1050, 1066, 1081, 1102, 1142, 1144, 1145, 1146, 1147, 1149, 1150, 1160, 1161, 1162, 1163, 1184, 1185, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1204, 1205, 1217, 1244)

ZOO:kin *Leishmania donovani* (Laveran & Mesnil, 1903); skin; RU (439, 692, 003)
 ZOO:ret *Chilomastix mesnili* (Wenyon, 1910); faeces, gut; RU, R8 (65, 692, 728, 763)
 ZOO:ret *Retortomonas intestinalis* (Wenyon & O'Connor, 1917); faeces; R3 (405)
 ZOO:tri *Trichomonas (Pentatrachomonas) hominis* (Davaine, 1860); faeces, gut; RU, R8 (65, 692, 763)
 ZOO:tri *Trichomonas vaginalis* Donne, 1837; urogenital tract; RU, R1, R12 (132, 662, 692, 922, 1204, 1211, 1212)

Family: HYLOBATIDAE [gibbons]

Hylobates syndactylus Raffles, 1821 [siamang]

LIT:ent *Troglodytella abrossarti* Brumpt & Joyeux, 1912; faeces, zoo (Aust.) (897)

Family: PONGIDAE [orang utan]

Pongo pygmaeus Linnaeus, 1760 [orang utan]

LOB:lep *Balamuthia mandrillaris* Visvesvara *et al.*, 1993; brain, R2, zoo (Aust.) (169)

Order: CARNIVORA [carnivores]

Family: CANIDAE [dog, fox]

Canis familiaris Linnaeus, 1758 [dog]

COC:ade *Hepatozoon* sp.; blood, liver; R1 (136, 692, 1059)

COC:eim *Cryptosporidium* sp.; faeces; R2, R3 (184, 593, 780)

COC:eim *Eimeria canis* Wenyon, 1923; faeces; R5 (167)

COC:eim *Hammondia heydorni* (Tadros & Laarman, 1976); faeces; R6 (1040)

COC:eim *Hammondia* sp.; faeces; R2, R5 (167, 593)

COC:eim *Isoospora canis* Nemeseri, 1959; faeces; R2, R5, R6 (95, 167, 1040)

COC:eim *Isoospora felis* Wenyon, 1923; faeces; R2 (67, 373, 692, 1060)

COC:eim *Isoospora ohioensis* Dubey, 1975; faeces; R2, R5, R6 (67, 95, 167, 692, 1040, 1060)

COC:eim *Isoospora* sp.; faeces; R2, R8 (220, 373, 593, 763, 1148)

COC:eim *Neospora caninum* Dubey *et al.*, 1988; central nervous system, antibodies (IFAT); RU, R2, R3, R6 (49, 314, 316, 389, 856)

COC:eim *Sarcocystis betrami* Doflein, 1901; faeces; RU (29, 167)

COC:eim *Sarcocystis capracanis* Fischer, 1979; faeces; RU (167)

COC:eim *Sarcocystis cruzi* (Hasselmann, 1923); faeces; RU, R6 (167, 1041, 1043, 1044, 1047)

COC:eim *Sarcocystis fayeri* Dubey *et al.*, 1977; faeces; RU (29, 167)

COC:eim *Sarcocystis levinei* Dissanaiké & Kan, 1978; faeces; RU (167)

COC:eim *Sarcocystis miescheriana* (Kuhn, 1865); faeces; RU (167, 821)

COC:eim *Sarcocystis tenella* (Railliet, 1886); faeces; R5 (167, 372, 374, 378, 814, 821, 845, 847, 854, 883, 952, 997)

COC:eim *Sarcocystis* sp.; intestines, faeces; RU, R1, R2, R6, R8 (95, 167, 220, 312, 371, 373, 375, 593, 692, 763, 815, 819, 823, 1040, 1148)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, antibodies (CFT, HAT); RU, R1, R2 (167, 224, 310, 459, 692, 1059, 1060, 1222, 1238, 1247)

COC:eim Unidentified coccidian; faeces; RU (692, 1059)

LOB:amo *Entamoeba coli* (Grassi, 1879); faeces; R8 (763, 1148)

HEM:pir *Babesia canis* (Piana & Galli-Valerio, 1895); blood; R1, R8, R10 (167, 476, 477, 517, 605, 674, 1060, 1258)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces, coproantigens (ELISA), duodenum; R2, R3, R5, R6, R8 (167, 221, 270, 488, 490, 593, 616, 757, 760, 762, 763, 764, 780, 793, 1040, 1102, 1117, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1187, 1221)

ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood (exptl. infection); RU (1059, 1060)

Canis familiaris dingo Linnaeus, 1758 [dingo]

COC:eim *Eimeria canis* Wenyon, 1923; faeces, R2 (67, 167, 692, 1060)

COC:eim *Isoospora ohioensis* Dubey, 1975; faeces; R2 (67, 692, 1060)

COC:eim *Sarcocystis tenella* (Railliet, 1886); faeces; R5 (167)

COC:eim *Sarcocystis* sp.; faeces; R2, R5 (67, 375)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); antibodies (DAT); R2 (555)

HEM:pir *Babesia canis* (Piana & Galli-Valerio, 1895); blood; R6 (167)

Vulpes vulpes (Linnaeus, 1758) [fox]

COC:eim *Sarcocystis cruzi* (Hasselmann, 1923); faeces; RU (167)

COC:eim *Sarcocystis tenella* (Railliet, 1886); faeces; R5 (167, 378, 854)

COC:eim *Sarcocystis* sp.; faeces; R5 (375)

Family: FELIDAE [cats]

Felis catus Linnaeus, 1758 [cat]

COC:eim *Besnoitia wallacei* (Tadros & Laarman, 1976); faeces; R3 (167, 733, 952, 1085)

- COC:eim *Cryptosporidium muris* Tyzzer, 1907; faeces; RU (1085)
 COC:eim *Cryptosporidium* sp.; faeces; R6 (1036)
 COC:eim *Eimeria* sp.; faeces; R3 (781)
 COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; faeces; RU (167, 731, 1085)
 COC:eim *Isoospora felis* Wenyon, 1923; faeces; R1, R2, R3, R4, R6, R8 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148, 1241)
 COC:eim *Isoospora rivolta* (Grassi, 1879); faeces; R2, R3, R4, R6, R8 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148)
 COC:eim *Isoospora* sp.; faeces; R3 (781)
 COC:eim *Sarcocystis cuniculi* Brumpt, 1913; faeces; R3 (167, 835, 1085)
 COC:eim *Sarcocystis fusiformis* (Railliet, 1897); faeces; RU (167, 1085)
 COC:eim *Sarcocystis gigantea* (Railliet, 1886); faeces, intestines; RU, R3, R5 (167, 376, 814, 843, 854, 908, 997, 1085)
 COC:eim *Sarcocystis hirsuta* Moule, 1888; faeces; RU (167, 1085)
 COC:eim *Sarcocystis medusiformis* Collins *et al.*, 1979; faeces; RU (167, 854, 909, 1085)
 COC:eim *Sarcocystis muris* (Railliet, 1886); faeces; RU (1085)
 COC:eim *Sarcocystis porcifelis* Dubey, 1976; faeces; RU (1085)
 COC:eim *Sarcocystis* sp.; faeces; R2, R3 (220, 312, 373, 375, 424, 828, 840)
 COC:eim *Sarcocystis/Frenkelia* sp.?: faeces; RU (830)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); faeces, various tissues, antibodies (LAT, HAT, IHAT, ELISA), R1, R2, R3, R4, R5, R6, R8 (167, 222, 224, 296, 310, 373, 424, 459, 494, 519, 692, 763, 781, 825, 829, 957, 1059, 1060, 1065, 1085, 1086, 1102, 1134, 1148, 1222, 1238, 1243)
 UNC:sta *Blastocystis* sp.; faeces; R1 (119)
 ZOO:dip *Giardia doudenalis* (Davaine, 1875); faeces, duodenum, R1, R2, R3, R6 (132, 176, 186, 221, 339, 489, 490, 616, 735, 736, 759, 760, 762, 764, 781, 795, 1102, 1117, 1142, 1143, 1144, 1146, 1149, 1160, 1187, 1191, 1199)
- Panthera leo*** Linnaeus, 1758 [lion]
 UNC:sta *Blastocystis* sp.; faeces, circus animal; R1 (119, 1099)
- Order: PINNIPEDIA [seals & sea-lions]
 Family: OTARIIDAE [sea-lions, fur-seals]
- Neophoca cinerea*** (Peron, 1816) [Australian sea-lion]
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); heart; RU (348)
- Order: CETACEA [whales, dolphins & porpoises]
 Family: DELPHINIDAE [dolphins, killer whales]
- Delphinus*** (unidentified species)
 COC:eim *Sarcocystis* sp.; muscle; RU (830)
- Family: PHYSETERIDAE [sperm whales]
- Physeter macrocephalus*** Linnaeus, 1758 [sperm whale]
 syn. *P. catadon*
 COC:eim *Sarcocystis* sp.; muscle; RU (754, 830, 917)
- Order: SIRENIA [dugong]
 Family: DUGONGIDAE [dugong]
- Dugong dugon*** (Müller, 1776) [dugong]
 COC:eim *Cryptosporidium* sp.; small intestine; R21 (478)
- Order: PERISSODACTYLA
 [odd-toed hoofed mammals]
 Family: EQUIDAE [horse, donkey]
- Equus caballus*** Linnaeus, 1758 [horse]
 COC:ade *Klossiella equi* Baumann, 1946; kidney; R1 (29, 167, 644)
 COC:eim *Cryptosporidium* sp.; faeces; RU (167, 349, 1177)
 COC:eim *Eimeria leuckarti* (Fleisch, 1883); faeces, intestines; RU, R1, R3 (29, 51, 167, 730, 991)
 COC:eim *Sarcocystis betrami* Doflein, 1901; muscle; RU (29, 167)
 COC:eim *Sarcocystis fayeri* Dubey *et al.*, 1977; muscle; RU (29, 167)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); muscle, antibodies (CFT); R1 (167, 224, 310)
 HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood; R1 (149)
 HEM:pir *Babesia equi* (Laveran, 1901); blood, antibodies (IFAT); R1 (29, 165, 167, 192, 715)
 LIT:ves *Balantidium* sp.; faeces; R2 (724)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; R2, R5 (341, 616, 724)
 ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood (exptl. infection); R6 (567, 1059, 1060)
 ZOO:tri *Trichomonas equi* (Fantham, 1921); caecum, colon; RU (29, 167)
 ZOO:tri *Trichomonas* sp.; faeces; R2 (724)

Order: ARTIODACTYLA [even-toed hoofed mammals]
 Suborder: SUIFORMES [pig]
 Family: SUIDAE [pigs]

Sus scrofa Linnaeus, 1758 [pig]

COC:eim *Cryptosporidium* sp.; small intestine, faeces; RU, R2, R5, R6 (167, 349, 668, 889, 1173, 1177, 1178)
 COC:eim *Eimeria cerdonis* Vetterling, 1965; faeces; R1 (167, 1214)
 COC:eim *Eimeria deblickei* Douwes, 1921; gut, faeces; RU, R1, R5 (167, 594, 692, 1214)
 COC:eim *Eimeria neodeblickei* Vetterling, 1965; faeces; R1, R5 (594, 167)
 COC:eim *Eimeria porci* Vetterling, 1965; faeces; R1 (594)
 COC:eim *Eimeria scabra* Henry, 1931; faeces; R1 (167, 594, 1214)
 COC:eim *Eimeria suis* Noller, 1921; faeces; R1 (167, 594, 1214)
 COC:eim *Isoospora suis* Biester, 1934; faeces; R1, R2, R3, R5, R6 (167, 304, 305)
 COC:eim *Sarcocystis meischeriana* (Kuhn, 1865); muscle; RU, R3 (167, 568, 569, 570, 692, 821)
 COC:eim *Sarcocystis* sp.; muscles; R3, R4 (754, 818)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); muscles; antibodies (IFAT); R3, R5 (167, 307, 310, 550, 817, 1019, 1085)
 COC:eim Unidentified coccidian; gut; RU (692, 1059, 1060)
 LIT:ves *Balantidium coli* (Malmstein, 1857); gut; RU, R1, R2, R3 (167, 653, 692, 1059, 1060, 1102)
 LOB:amo *Entamoeba polecki* Prowazek, 1912; gut; RU (692)
 UNC:sta *Blastocystis* sp.; faeces; R1 (185)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; R5 (341)
 ZOO:tri *Trichomonas suis* Gruby & Delafond, 1843; gut; RU (167)
 ZOO:tri *Trichomonas* sp.; gut; RU (692, 1059)

Suborder: TYLOPODA [one-humped camel]
 Family: CAMELIDAE [camel]

Camelus dromedarius Linnaeus, 1758 [dromedary]

UNC:sta *Blastocystis* sp.; faeces, circus animal; R1 (119, 1099)
 ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood; RU (167, 207, 570, 692, 1059, 1060)

Lama glama Linnaeus, 1758 [llama] (= *L. peruana*)

UNC:sta *Blastocystis* sp.; faeces, circus animal; R1 (119, 1099)

Lama pacos Linnaeus, 1758 [alpaca]

UNC:sta *Blastocystis* sp.; faeces; R1 (119)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; R5 (341)

Suborder: RUMINANTIA [ruminants]
 Family: BOVIDAE [cattle, sheep, goat]
Bos taurus (*var. indicus*) Linnaeus, 1766 [zebu]

HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood; R1 (268)

HEM:pir *Babesia bovis* (Babes, 1888); blood, antibodies (IHAT); R1 (268, 721)

Bos taurus Linnaeus, 1758 [ox]

COC:eim *Cryptosporidium bovis* Barker & Carbonell, 1974; small intestines; R2 (53, 167)
 COC:eim *Cryptosporidium parvum* Tyzzer, 1912; faeces; R5, R6 (765, 796, 797, 798, 799, 1239)
 COC:eim *Cryptosporidium* sp.; faeces, small intestines; RU, R2, R5 (529, 889, 1173, 1176, 1177, 1178)
 COC:eim *Eimeria alabamensis* Christensen, 1941; faeces; R5 (167)
 COC:eim *Eimeria auburnensis* Christensen & Porter, 1939; faeces; R1, R5 (167, 934, 937)
 COC:eim *Eimeria bovis* (Zublin, 1908); faeces; R1, R2, R5 (167, 749, 934, 937, 1060)
 COC:eim *Eimeria bukidnonensis* Tubangui, 1931; faeces; R1, R5 (167, 933, 934, 937)
 COC:eim *Eimeria canadensis* Bruce, 1921; faeces; R1, R5 (167, 595, 934, 937)
 COC:eim *Eimeria cylindrica* Wilson, 1931; faeces; R1, R5 (167, 749, 934, 937)
 COC:eim *Eimeria ellipsoidalis* Becker & Frye, 1929; faeces; R1, R5 (167, 749, 934, 936, 937)
 COC:eim *Eimeria pellita* Supperer, 1952; faeces; R5 (167)
 COC:eim *Eimeria subspherica* Christensen, 1941; faeces; R1, R5 (167, 934, 936, 937)
 COC:eim *Eimeria wyomingensis* Huizinga & Winger, 1942; faeces; R1 (167, 933, 934, 937)
 COC:eim *Eimeria zuernii* (Rivolta, 1878); faeces; R1, R2, R5 (167, 749, 933, 934, 936, 937, 1060)
 COC:eim *Eimeria* sp.; gut; RU (213, 692)
 COC:eim *Neospora caninum* Dubey *et al.*, 1988; central nervous system, foetal tissues; R2, R3 (121, 313, 316, 912)
 COC:eim *Sarcocystis blanchardi* Doflein, 1901; muscle; RU (570, 692, 1059)
 COC:eim *Sarcocystis cruzi* (Hassellmann, 1923); muscles, various organs, antibodies (IHAT, ELISA); R2, R5, R6 (167, 178, 312, 379, 568, 581, 692, 886, 1038, 1041, 1044, 1045, 1046, 1102)
 COC:eim *Sarcocystis hirsuta* Moule, 1888; muscle; R5, R6 (167, 886, 1038)

- COC:eim *Sarcocystis hominis* (Railliet & Lucet, 1891); muscles; RU (167)
- COC:eim *Sarcocystis* sp.; muscle, foetus, placenta, antibodies (CFT); RU, R3, R6, R7, R8, R12 (298, 692, 818, 820, 1037, 1042, 1060)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); neural tissues, muscles, antibodies (DT, CFT, IFAT); R1, R3 (167, 224, 306, 310, 459, 813, 817, 829, 832, 1041, 1085)
- COC:eim Unidentified cysts; foetal brain; R2 (941)
- COC:eim Unidentified coccidian; gut; RU (692, 1059)
- HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood, antibodies (CFT, HAT, IFAT); RU, R1, R8, R9 (39, 99, 145, 146, 148, 149, 151, 156, 157, 164, 167, 204, 243, 244, 245, 251, 252, 254, 259, 263, 264, 265, 268, 298, 299, 364, 406, 407, 442, 496, 497, 499, 500, 512, 587, 591, 592, 598, 599, 600, 605, 646, 647, 648, 649, 652, 674, 692, 693, 699, 700, 701, 702, 703, 704, 708, 711, 712, 716, 756, 787, 955, 963, 964, 998, 999, 1015, 1031, 1058, 1059, 1060, 1090, 1158, 1213, 1259, 1265)
- HEM:pir *Babesia bovis* (Babes, 1888); blood, antibodies (CFT, IFAT, IHAT, HAT, ELISA, RIA); RU, R1, R8, R9 (98, 99, 146, 147, 150, 152, 154, 155, 156, 158, 159, 160, 161, 163, 164, 166, 167, 241, 242, 243, 245, 246, 250, 255, 257, 258, 260, 262, 264, 265, 266, 267, 268, 295, 299, 327, 331, 385, 404, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 440, 441, 499, 500, 562, 581, 587, 588, 589, 590, 591, 592, 597, 599, 600, 602, 603, 604, 605, 648, 651, 652, 664, 674, 692, 693, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 710, 711, 712, 713, 714, 716, 717, 718, 719, 720, 721, 756, 785, 871, 955, 963, 982, 998, 1000, 1013, 1014, 1015, 1018, 1031, 1059, 1060, 1090, 1158, 1159, 1166, 1224, 1259, 1260, 1261, 1262, 1263, 1264, 1266, 1267, 1268, 1269)
- HEM:pir *Babesia* sp.; blood; R1, R8, R9 (395, 396, 513, 514, 515, 587, 650, 805, 966, 1058)
- HEM:pir *Theileria mutans* (Theiler, 1906); blood, lymph nodes; RU, R1, R8, R9 (145, 167, 300, 301, 498, 648, 692, 693, 755, 915, 1001, 1012, 1058, 1059, 1060, 1104, 1105, 1181, 1182)
- UNC:sta *Blastocystis* sp.; faeces, circus animal; R1 (119, 1099)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; R1, R5 (341, 735, 1199)
- ZOO:kin *Trypanosoma theileri* Laveran, 1902; blood; RU, R1, R2 (167, 692, 693, 1059, 1060, 1168, 1169, 1170, 1171, 1220)
- ZOO:tri *Tritrichomonas foetus* (Riedmuller, 1928); urogenital tract; RU, R1, R2, R3, R8, R9 (6, 63, 69, 70, 132, 167, 189, 190, 197, 198, 199, 200, 201, 202, 280, 302, 318, 326, 383, 467, 618, 692, 753, 860, 866, 867, 939, 940, 987, 1016, 1059, 1060, 1069, 1114, 1115, 1125, 1167, 1256, 1257)
- Bubalus bubalis*** (Linnaeus, 1758) [water buffalo]
- COC:eim *Sarcocystis fusiformis* (Railliet, 1897); muscles; RU (167)
- COC:eim *Sarcocystis levinei* Dissanaïke & Kan, 1978; muscles; RU (167)
- HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood; RU (162, 1151)
- HEM:pir *Babesia bovis* (Babes, 1888); blood; RU (162, 1151)
- HEM:pir *Theileria mutans* (Theiler, 1906); blood; RU (162, 167, 1151)
- Capra hircus*** Linnaeus, 1758 [goat]
- COC:eim *Cryptosporidium* sp.; faeces, small intestines; R5 (167, 349, 554, 676, 677, 678, 734, 1174, 1239)
- COC:eim *Eimeria alijevi* Musaev, 1970; faeces; R1, R2, R5 (608, 881)
- COC:eim *Eimeria apsheronica* Musaev, 1970; faeces; R1, R2, R5 (608, 881)
- COC:eim *Eimeria arloingi* (Marotel, 1905); faeces; R1, R2, R5 (167, 608, 881)
- COC:eim *Eimeria caprina* Lima, 1979; faeces; R5 (881)
- COC:eim *Eimeria caprovina* Lima, 1980; faeces; R5 (881)
- COC:eim *Eimeria christenseni* Levine *et al.*, 1962; faeces; R1, R2, R5 (167, 608, 881)
- COC:eim *Eimeria crandallis* Honess, 1942; faeces; RU (167)
- COC:eim *Eimeria faurei* (Moussu & Marotel, 1901); gut; RU (167, 475, 692)
- COC:eim *Eimeria granulosa* Christensen, 1938; faeces; RU (167)
- COC:eim *Eimeria hirci* Chevalier, 1966; faeces; R1, R2, R5 (608, 881)
- COC:eim *Eimeria jolchijevi* Musaev, 1970; faeces; R1, R2, R5 (608, 881)
- COC:eim *Eimeria ninakohlyakimovae* Yakimoff & Rastegaïeff, 1930; faeces; R1, R2, R5 (167, 608, 881)
- COC:eim *Eimeria pallida* Christensen, 1938; faeces; R1, R2 (167, 608)
- COC:eim *Eimeria parva* Kotlan *et al.*, 1929; faeces; RU (167)
- COC:eim *Eimeria* sp.; faeces, duodenum; RU (493)
- COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; LU (exptl. infection); R3 (853)
- COC:eim *Sarcocystis capracanis* Fischer, 1979; muscles; R5 (167, 379, 886)
- COC:eim *Sarcocystis* sp.; muscles, antibodies (CFT); R5, R10 (469)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, antibodies (IFAT, IHAT); RU, R2, R3 (167, 747, 831, 853, 875, 910, 1102)

Ovis aries Linnaeus, 1758 [sheep]

COC:eim *Cryptosporidium agni* Barker & Carbonell, 1974; small intestines; R2 (53, 167)
 COC:eim *Cryptosporidium* sp.; faeces (exptl. infection); RU, R5 (349, 889, 1177)
 COC:eim *Eimeria ahsata* Honess, 1942; faeces; R5 (167, 880)
 COC:eim *Eimeria crandallii* Honess, 1942; faeces; R5 (167, 880)
 COC:eim *Eimeria faurei* (Moussu & Marotel, 1901); faeces, gut; RU, R5 (167, 585, 692, 880)
 COC:eim *Eimeria gilruthi* (Chatton, 1910); abomasum, intestine; RU, R3, R5 (167, 394, 692, 976, 1059, 1060)
 COC:eim *Eimeria granulosa* Christensen, 1938; faeces; R5 (167, 880)
 COC:eim *Eimeria intricata* Spiegl, 1925; faeces; R5 (167, 880)
 COC:eim *Eimeria ovina* Levine & Ivens, 1970; faeces; R5 (167, 880)
 COC:eim *Eimeria ovinoidalis* McDougald, 1979; faeces; R5 (167, 880)
 COC:eim *Eimeria pallida* Christensen, 1938; faeces; R5 (167, 880)
 COC:eim *Eimeria parva* Kotlan *et al.*, 1929; faeces; R5 (167, 880)
 COC:eim *Eimeria punctata* Landers, 1955; faeces; R5 (167, 880)
 COC:eim *Eimeria weybridgeensis* Norton *et al.*, 1974; faeces; R5 (880)
 COC:eim *Eimeria* sp.; faeces, abomasum; RU, R4 (143, 837, 1242)
 COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; LU (exptl. infection), antibodies (IFAT); R3 (848)
 COC:eim *Sarcocystis arieticanis* Heydorn, 1985; muscle; RU, R6 (312, 330, 854, 1039, 1041)
 COC:eim *Sarcocystis gigantea* (Railliet, 1886); muscle, antibodies (CFT, IFAT, ELISA); R1, R2, R3, R4, R5, R6 (24, 167, 330, 376, 377, 379, 435, 525, 531, 549, 568, 569, 570, 692, 766, 814, 837, 838, 843, 844, 854, 886, 887, 892, 895, 908, 1060, 1102, 1131, 1133, 1135, 1236)
 COC:eim *Sarcocystis medusifformis* Collins *et al.*, 1979; muscle; R5 (167, 312, 837, 854, 886, 887, 909, 1102)
 COC:eim *Sarcocystis tenella* (Railliet, 1886); various tissues, antibodies (CFT, IFAT, ELISA); RU, R3, R5, R6 (24, 167, 330, 372, 374, 378, 435, 692, 766, 814, 821, 834, 837, 838, 841, 845, 846, 847, 854, 883, 884, 886, 887, 891, 892, 895, 952, 954, 997, 1039, 1041, 1059, 1133)

COC:eim *Sarcocystis* sp.; muscle, brain, foetal tissues, antibodies (CFT); R2, R3, R5 (311, 371, 375, 458, 530, 739, 815, 818, 819, 828)
 COC:eim *Neospora caninum* Dubey *et al.*, 1988; central nervous system; R2 (316)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, antibodies (DT, CFT, IFAT, IHAT, ELISA); RU, R1, R2, R3, R4, R5, R6 (167, 225, 281, 308, 310, 455, 456, 457, 460, 692, 806, 807, 809, 810, 816, 817, 832, 837, 848, 849, 850, 888, 914, 956, 957, 958, 1059, 1060, 1077, 1078, 1079, 1085, 1086, 1109, 1134, 1238)
 COC:eim Unidentified coccidia; gut; RU (692, 1059, 1060)
 HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood; R1 (149)
 HEM:pir *Theileria mutans* (Theiler, 1906); blood (exptl. infection); RU (498, 1060)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces, gut; RU, R5, R6 (132, 328, 341, 762, 764, 795, 1149)
 ZOO:dip *Giardia* sp.; gut; RU, R6 (167, 692, 735, 837, 1059, 1060, 1144, 1172)
 ZOO:kin *Trypanosoma melophagium* (Flu, 1908); blood, RU (167, 692, 693, 1059, 1060, 1170, 1171)

Order: CHIROPTERA [bats]
 Suborder: MEGACHIROPTERA [herbivorous bats]
 Family: PTEROPODIDAE
 [flying-foxes, fruit-bats, blossom-bats]

Dobsonia moluccense (Quoy & Gaimard, 1810) [bare-backed fruit-bat]
 HEM:hae *Hepatocystis* sp.; blood; R9 (692, 726)
Pteropus alecto Temminck, 1837 [black flying-fox]
 HEM:hae *Hepatocystis* sp.; blood; R1 (899)
Pteropus colinus Anderson, 1908 [-]
 HEM:hae *Hepatocystis pteropi* (Breinl, 1913); blood; R1 (692, 744)
Pteropus conspicillatus Gould, 1850 [spectacled flying-fox]
 HEM:hae *Hepatocystis pteropi* (Breinl, 1913); blood; R1 (64, 345, 692, 693)
Pteropus geddiei MacGillivray, 1860 [-]
 HEM:hae *Hepatocystis pteropi* (Breinl, 1913); blood; R1 (692, 744)
Pteropus gouldii Peters, 1867 [-]
 HEM:hae *Hepatocystis pteropi* (Breinl, 1913); blood; R1 (64, 128, 345, 387, 581, 642, 692, 693, 726)
 ZOO:kin *Trypanosoma pteropi* Breinl, 1913; blood; R1 (128, 483, 581, 692, 693, 790)
Pteropus poliocephalus Temminck, 1825 [grey-headed flying-fox]
 HEM:hae *Hepatocystis levinei* Landau *et al.*, 1985; blood, liver; R1 (623)

- HEM:hae *Hepaticystis pteropi* (Breinl, 1913); blood; R1 (387, 692, 693)
- Pteropus sacculatus*** Peters, 1862 [little red flying-fox]
HEM:hae *Hepaticystis pteropi* (Breinl, 1913); blood; R1 (64, 345, 642, 692, 693)
- Pteropus*** (unidentified species)
HEM:hae *Hepaticystis pteropi* (Breinl, 1913); blood; RU (286)
- Suborder: MICROCHIROPTERA
[mainly insectivorous bats]
- Family: HIPPOSIDERIDAE [horseshoe-bats]
- Hipposideros ater*** Templeton, 1848 [dusky horseshoe bat]
(=*H. bicolor*)
ZOO:kin *Trypanosoma hipposideri* Mackerras, 1959; blood; R1 (483, 693, 790)
- Hipposideros semoni*** Matschie, 1903 [greater wart-nosed horseshoe-bat]
HEM:hae *Polychromophilus melanipherus* (Dionisi, 1899); blood; R1 (387, 692, 693)
- Family: VESPERTILIONIDAE ['ordinary' bats]
- Eptesicus pumilus*** (Gray, 1841) [little cave eptesicus]
HEM:hae *Polychromophilus melanipherus* (Dionisi, 1899); blood; R1 (287)
- Miniopterus australis*** Tomes, 1858 [little bent-wing bat]
HEM:hae *Polychromophilus murinus* (Dionisi, 1899); blood; R1 (692, 744)
- Miniopterus blepotis*** (Temminck, 1840) [-]
HEM:hae *Polychromophilus melanipherus* (Dionisi, 1899); blood; R1 (387, 692, 693)
- Miniopterus schreibersii*** (Kuhl, 1817) [common bent-wing bat]
HEM:hae *Polychromophilus melanipherus* (Dionisi, 1899); blood; RU, R2, R5 (287, 622, 692, 1234)
HEM:hae Unidentified haemosporidian; blood; RU (692, 767)
ZOO:kin *Trypanosoma vespertilionis* Battaglia, 1904; blood; RU (692, 1234)
- Myotis myotis*** (Bechstein, 1819) [-]
HEM:hae Unidentified haemosporidian; blood; RU (692, 767)
- Myotis nattererii*** (Kuhl, 1819) [-]
HEM:hae Unidentified haemosporidian; blood; RU (692, 767)
- Nyctophilus bifax*** Thomas, 1915 [North Queensland long-eared bat]
HEM:hae *Polychromophilus melanipherus* (Dionisi, 1899); blood; R1 (387, 693)
- Vespadelus pumilis*** (Gray, 1841) [-]
HEM:hae *Polychromophilus melanipherus* (Dionisi, 1899); blood; R1 (387, 692, 693)
- Order: RODENTIA [rodents]
Suborder: MYOMORPHA
- Family: MURIDAE [rats & mice]
Subfamily: HYDROMYINAE ['old endemic' rodents]
Tribe: HYDROMYINI [aquatic rats]
- Hydromys chrysogaster*** Geoffroy, 1804 [water rat]
COC:ade *Klossiella hydromyos* Winter & Watt, 1972; kidney; R1 (1073, 1074, 1124, 1249)
COC:eim *Sarcocystis* sp.; muscle; RU, R1 (830, 1074)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain; kidney, muscle, heart, antibodies (CFT); R1, R2, R3 (167, 224, 398, 399, 907, 1060, 1073, 1074, 1079, 1080)
ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1 (483, 693)
- Tribe: UROMYINI [mosaic-tailed rats]
- Melomys cervinipes*** (Gould, 1852) [fawn-footed melomys]
COC:eim *Sarcocystis* sp.; muscle; R1 (830)
COC:eim *Toxoplasma* sp.; brain, antibodies (CFT); R1 (224)
- Melomys littoralis*** (Lonnberg, 1916) [climbing rat]
COC:eim *Sarcocystis* sp.; muscle, R1 (830)
COC:eim *Toxoplasma* sp.; antibodies (CFT); R1 (224)
- Uromys caudimaculatus*** (Krefft, 1867) [white-tailed rat]
COC:eim *Sarcocystis* sp.; muscle; R1 (830)
COC:eim *Toxoplasma* sp.; antibodies (CFT); R1 (224)
- Tribe: CONILURINI [rabbit-rats, tree-rats, rock-rats, stick-nest rats, hopping-mice, native mice]
- Mastacomys fuscus*** Thomas, 1882 [broad-toothed rat]
COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; R3 (836)
COC:eim *Sarcocystis* sp.; muscle; RU (830)
- Notomys alexis*** Thomas, 1922 [spinfex hopping-mouse]
ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; R5 (339)
- Pseudomys higginsii*** (Trouessart, 1897) [long-tailed mouse]
COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; R3 (836)
COC:eim *Sarcocystis* sp.; muscle; RU (830)

Subfamily: MURINAE ['new endemic' and introduced rodents]

Mus musculus Linnaeus, 1758 [house mouse]

COC:ade *Hepatozoon muris* (Balfour, 1906); blood; RU (727)

COC:ade *Klossiella muris* Smith & Johnson, 1902; kidney; RU (284, 692)

COC:eim *Besnoitia wallacei* (Tadros & Laarman, 1976); heart, tongue, lungs (exptl. infection); R3 (733)

COC:eim *Cryptosporidium muris* Tyzzer, 1907; gut; RU (284, 692)

COC:eim *Cryptosporidium parvum* Tyzzer, 1912; gut (exptl. infection); R6 (765)

COC:eim *Cryptosporidium* sp.; small intestine, faeces; RU, R5 (167, 889, 1177)

COC:eim *Eimeria falciformis* (Eimer, 1870); gut; RU (692)

COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; muscles; R5 (546)

COC:eim *Sarcocystis muris* (Railliet, 1886); muscle (exptl. infection); R5 (886, 1130)

COC:eim *Sarcocystis* sp.; muscle; RU (830)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, peritoneum; RU, R3, R5 (81, 225, 247, 249, 296, 329, 435, 436, 437, 531, 535, 538, 539, 540, 541, 542, 543, 544, 545, 546, 548, 550, 558, 560, 680, 682, 683, 722, 829, 903, 938, 1060, 1077, 1079, 1129, 1132, 1134, 1135)

HEM:hae *Plasmodium berghei* (Vincke & Lips, 1948); blood (exptl. infection); R1, R2 (614)

HEM:hae *Plasmodium yoelii* (Landau & Killick-Kendrick, 1966); blood (exptl. infection); R2 (614)

HEM:pir *Babesia rodhaini* van den Berghe *et al.*, 1950; blood (exptl. infection); R1, R2 (253, 327, 614, 674)

HET:sch *Naegleria australiensis* DeJonckheere, 1981; brain (exptl. infection); RU (272)

HET:sch *Naegleria fowleri* Carter, 1970; brain (exptl. infection); R5 (8, 9, 181, 182, 352, 353, 354, 355, 356, 357, 523, 1152, 1153, 1154, 1155, 1156)

LOB:aca *Acanthamoeba* sp.; LU; R5 (556)

LOB:amo *Entamoeba muris* (Grassi, 1879); gut; RU (284, 692)

ZOO:dip *Hexamita muris* (Grassi, 1881); gut; RU (692)

ZOO:dip *Giardia muris* (Grassi, 1879); gut, antibodies (RIA); RU, R2, R5 (7, 20, 284, 692, 735, 736, 1008, 1009)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); intestine, faeces; R1, R5, R6 (18, 19, 108, 116, 338, 339, 341, 735, 736, 792, 793, 1064, 1144, 1193, 1197, 1203)

ZOO:dip *Spironucleus muris* (Grassi, 1888); gut, faeces; R5, R6 (922, 1064)

ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R2 (562)

ZOO:tri *Trichomonas muris* (Grassi, 1879); gut; RU (284, 692)

Rattus fuscipes (Waterhouse, 1839) [bush rat, allied rat]

COC:ade *Hepatozoon* sp.; blood; R1 (899)

COC:ade *Hepatozoon muris* (Balfour, 1906); blood; R1, R2, R6, (692, 693)

COC:eim *Sarcocystis* sp.; muscle; RU (606)

COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; RU (836)

COC:eim *Sarcocystis* sp.; skeletal muscle; RU, R1 (830, 1033, 1034)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various organs, antibodies (CFT); R1 (167, 224, 692, 961)

ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1 (483, 692, 693)

Rattus lutreolus (Gray, 1841) [swamp rat]

COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; RU (836)

COC:eim *Sarcocystis* sp.; muscle; R1, R3 (754, 830)

Rattus norvegicus (Berkenhout, 1769) [brown rat] syn.

Rattus decumanus Pallus, 1778, *Mus decumanus*

COC:ade *Hepatozoon muris* (Balfour, 1906); blood; R1, R2, R6 (203, 562, 568, 569, 570, 573, 583, 692, 693)

COC:eim *Besnoitia wallacei* (Tadros & Laarman, 1976); tissues; R3 (733)

COC:eim *Eimeria nieschulzi* Dieben, 1924; gut; RU (692)

COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; RU (836)

COC:eim *Sarcocystis muris* (Railliet, 1886); muscle; RU, R2 (568, 569, 570, 583, 692)

COC:eim *Sarcocystis* sp.; muscle; RU (830)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, antibodies (CFT); R1 (224, 692, 961)

COC:eim Unidentified coccidian; gut; RU (360, 692)

HEM:pir *Babesia rodhaini* van den Berghe *et al.*, 1950; blood (exptl. infection); R1 (674)

LOB:aca *Acanthamoeba* sp.; cornea; R5 (44)

LOB:amo *Entamoeba muris* (Grassi, 1879); gut; RU (692)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); intestine (exptl. infection); R5, R6 (762, 764, 1064, 1142, 1144)
 ZOO:dip *Spirotrunculus muris* (Grassi, 1888); gut, faeces; R5 (1064)
 ZOO:dip *Hexamita muris* (Grassi, 1881); gut; RU (692)
 ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1, R2 (360, 562, 568, 570, 573, 581, 583, 692, 693, 965, 1059, 1060)
 ZOO:tri *Trichomonas muris* (Grassi, 1879); gut; RU (692)

Rattus rattus (Linnaeus, 1758) [black rat]

COC:ade *Hepatozoon muris* (Balfour, 1906); blood; R1, R2, R6 (568, 570, 573, 583, 692, 693, 899)
 COC:eim *Besnoitia wallacei* (Tadros & Laarman, 1976); various tissues (exptl. infection); R3 (733)
 COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; skeletal muscle; RU (731)
 COC:eim *Sarcocystis murinotrichis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; RU (836)
 COC:eim *Sarcocystis muris* (Railliet, 1886); muscle, R2 (568, 569, 570, 583, 692)
 COC:eim *Sarcocystis* sp.; muscle; RU, R3 (606, 830, 840)
 COC:eim *Toxoplasma* sp.; antibodies (CFT); R1 (224)
 COC:eim Unidentified coccidian; faeces; RU (360, 692)
 ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood (exptl. infection); RU (1059, 1060)
 ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1 (167, 360, 562, 568, 570, 573, 581, 583, 692, 693, 965, 1059, 1060)

Rattus sordidus (Gould, 1858) [canefield rat] syn. *R.*

conatus
 COC:ade *Hepatozoon muris* (Balfour, 1906); blood; R1, R2, R6 (693)
 COC:eim *Sarcocystis* sp.; muscle; R1 (830)
 COC:eim *Toxoplasma* sp.; antibodies (CFT); R1 (224)

Rattus villosissimus (Waite, 1898) [long-haired rat]

LOB:amo *Entamoeba* sp.; gut; RU (692)
 ZOO:dip *Giardia* sp.; gut; RU (692)
 ZOO:dip *Hexamita* sp.; gut; RU (692)
 ZOO:tri *Trichomonas* sp.; gut; RU (692)

Rattus (unidentified species)

COC:ade *Hepatozoon muris* (Balfour, 1906); blood; RU (205, 692, 727)
 COC:ade *Klossiella* sp.; kidney; R1 (398)
 COC:eim *Sarcocystis* sp.; diaphragm; R1 (398)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); diaphragm, brain; R1 (398)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); gut; RU (735, 759)
 ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1 (46, 205, 581, 583, 692)

Family: CAVIIDAE [guinea pigs]

Cavia porcellus Linnaeus, 1758 [guinea pig] syn. *Cavia cutleri* Bennett, 1835

ZOO:dip *Giardia* sp.; gut, faeces; R5 (735)
 ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood (exptl. infection); R6 (567, 1059, 1060)

Order: LAGOMORPHA [lagomorphs]

Family: LEPORIDAE [hare, rabbit]

Lepus europaeus Pallas, 1778 [hare]

COC:eim *Eimeria perforans* (Leuckart, 1879); faeces; RU (692, 1059, 1060)

Oryctolagus cuniculus (Linnaeus, 1758) [rabbit]

COC:eim *Eimeria coecicola* Kheissin, 1947; faeces; R6 (484)
 COC:eim *Eimeria exigua* Yakimoff, 1934; faeces; R2, R6 (484, 1107, 1108)
 COC:eim *Eimeria flavescens* Marotel & Guilhon, 1941; faeces; R6 (484)
 COC:eim *Eimeria intestinalis* Kheisin, 1948; faeces; R6 (484)
 COC:eim *Eimeria irresidua* Kessel & Jankiewicz, 1931; faeces, RU, R2, R4, R6 (484, 692, 862, 864, 1060, 1107, 1108)
 COC:eim *Eimeria magna* Perard, 1925; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059, 1060, 1107, 1108)
 COC:eim *Eimeria media* Kessel, 1929; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1060, 1107, 1108)
 COC:eim *Eimeria perforans* (Leuckart, 1879); faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059, 1060, 1107, 1108)
 COC:eim *Eimeria piriformis* Kotlan & Pospesch, 1934; faeces; R2, R4, R6 (484, 864, 1060, 1107, 1108)
 COC:eim *Eimeria stiedae* (Lindemann, 1895); faeces, liver, gall bladder; R1, R2, R4, R5, R6 (167, 320, 321, 448, 484, 557, 562, 567, 569, 573, 583, 692, 862, 864, 1057, 1059, 1060, 1107, 1108)
 COC:eim *Eimeria* sp.; faeces; RU (321, 863)
 COC:eim *Sarcocystis cuniculi* Brumpt, 1913; muscle; R3 (835)
 COC:eim *Sarcocystis* sp.; muscle; RU (830)
 COC:eim *Toxoplasma* sp.; brain, antibodies (IFAT); RU, R3 (692, 811, 1059, 1060, 1238)
 COC:eim Unidentified coccidian; caecum; RU (1060)

MIC:mic *Encephalitozoon cuniculi* Levaditi *et al.*, 1923; various organs, antibodies (IFAT); R2, R6 (231, 232, 233, 234, 235, 236, 975, 1136, 1140)

Subclass: PROTHERIA
Order: MONOTREMATA [monotremes]
Family: ORNITHORHYNCHIDAE [platypus]

Ornithorhynchus anatinus (Shaw & Nodder, 1799) [platypus]
HEM:pir *Theileria ornithorhynchi* Mackerras, 1959; blood; R1, R3 (693, 750) [incorrectly recorded as *T. binneyi* in 1059, 1060]
HEM:pir *Theileria* sp.; blood; RU (692)
ZOO:kin *Trypanosoma (Megatrypanum) binneyi* Mackerras, 1959; blood; R2, R3 (483, 693, 750)
ZOO:kin *Trypanosoma* sp.; blood; RU (692, 916)

Family: TACHYGLOSSIDAE [echidna]

Tachyglossus aculeatus (Shaw & Nodder, 1792) [short-beaked echidna]
COC:eim *Cryptosporidium* sp.; intestines; R5 (349, 898)
COC:eim *Eimeria echidnae* Barker *et al.*, 1985; faeces; R3 (57)
COC:eim *Eimeria tachyglossi* Barker *et al.*, 1985; faeces, small intestine; R3 (57)
COC:eim *Eimeria* sp.; faeces; R1 (899)
COC:eim *Ocysporella hystrix* Barker *et al.*, 1985; faeces; R2 (57)
HEM:pir *Babesia tachyglossi* Backhouse & Bollinger, 1959; blood; R2 (43, 1004)
HEM:pir *Babesia* sp.; blood; R2 (693)
HEM:pir *Theileria tachyglossi* Priestley, 1915; blood, various organs; R1, R2 (693, 974, 1059, 1060)
ZOO:kin *Trypanosoma cruzi* Chagas, 1909; blood (exptl. infection); R2 (42)

Subclass: MARSUPIALIA [marsupials]
Order: POLYPROTODONTA
Suborder: DASYUROMORPHIA
Family: DASYURIDAE [quolls, dunnarts, antechinus, planigales, ningauis, Tasmanian devil]

Antechinus minimus (Geoffroy, 1803) [swamp antechinus]
COC:eim *Toxoplasma* sp.; LU; RU (826)

Antechinus stuartii Macleay, 1841 [brown antechinus]
COC:eim *Cryptosporidium* sp.; small intestine; R2 (55, 349)
COC:eim *Sarcocystis* sp.; muscle; RU (826, 830)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)
COC:eim Unidentified coccidia; small intestine; R2 (55)
HEM:pir *Babesia* sp.; blood; R2 (28, 31, 55, 826, 851)

Antechinus swainsonii (Waterhouse, 1840) [dusky antechinus]
COC:eim *Sarcocystis* sp.; muscle; RU (826, 830)
COC:eim *Toxoplasma* sp.; LU; RU (826)

Dasyercus byrnei (Spencer, 1896) [kowari] syn. *Dasyuroides byrnei*
COC:ade *Hepatozoon dasyuroides* Mackerras, 1959; blood; R10 (693)
COC:ade *Klossiella* sp.; kidney; RU (826, 851)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts, RU (38)

Dasyercus cristicauda (Kreff, 1867) [mulgara]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)

Dasyurus hallucatus (Gould, 1842) [northern quoll]
COC:eim *Sarcocystis* sp.; muscle; RU (606, 692)
Dasyurus maculatus (Kerr, 1792) [tiger quoll]
COC:eim *Sarcocystis* sp.; faeces; RU (830)
Dasyurus viverrinus (Shaw, 1800) [eastern quoll]
COC:ade *Hepatozoon dasyuri* (Welsh *et al.*, 1909); blood; R2 (563, 570, 693, 826, 851, 1230, 1231, 1234)
COC:eim *Toxoplasma* sp.; lung; RU (1059)

Dasyurus (unidentified species)
COC:eim *Toxoplasma* sp.; various tissues, immunolabelling; RU (168)
Parantechinus apicalis (Gray, 1842) [dibbler]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)
Parantechinus macdonnellensis (Spencer, 1896) [fat-tailed antechinus]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)

Phascogale tapoatafa (Meyer, 1793) [brush-tailed phascogale]
COC:eim *Toxoplasma* sp.; brain; R1 (224, 826)
Sarcophilus harrisi (Boitard, 1841) [Tasmanian devil]
COC:eim *Sarcocystis* sp.; faeces, muscle; R3 (830)
ZOO:dip *Giardia* sp.; faeces; R3 (781)
Sminthopsis crassicaudata (Gould, 1844) [fat-tailed dunnart]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)
Sminthopsis laniger (Gould, 1856) [kultarr]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)

Sminthopsis leucopus (Gray, 1842) [white-footed dunnart]
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)

Sminthopsis macroura (Gould, 1845) [stripe-faced dunnart]
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38)

Family: MYRMECOBIIDAE [numbat]

Myrmecobius fasciatus Waterhouse, 1836 [numbat]
 COC:eim *Toxoplasma* sp.; various tissues; RU (168)

Suborder: PERAMELOMORPHIA
 Family: PERMELIDAE [bandicoots]

Isoodon macrourus (Gould, 1842) [northern brown bandicoot]
 COC:eim *Sarcocystis* sp.; muscle; RU (830)
 HEM:pir *Theileria* sp.; blood; R1 (1060)

Isoodon obesulus (Shaw, 1797) [southern brown bandicoot]
 syn. *Thylacis obesulus*
 COC:ade *Hepatozoon peramelis* (Welsh & Dalyell, 1909); blood; RU (691, 693, 826, 851)
 COC:ade *Klossiella quimrensis* Barker *et al.*, 1975; kidney; R3 (54, 826, 851, 1124)
 COC:ade *Klossiella* sp.; kidney; RU, R1 (691, 692)
 COC:eim *Cryptosporidium* sp.; intestines; R5 (349, 898)
 COC:eim *Eimeria* sp.; intestines; RU (692)
 COC:eim *Sarcocystis* sp.; skeletal muscle; RU (606, 691)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung, brain, antibodies (CFT); R1 (224, 826, 961, 962, 1060)
 HEM:pir *Babesia thylacis* Mackerras, 1959; blood; R1 (693)
 HEM:pir *Theileria peramelis* Mackerras, 1959; blood; R1 (691, 693, 826, 851, 1059)
 LOB:amo *Entamoeba* sp.; intestines; RU (692)
 ZOO:dip *Giardia* sp.; intestines; RU (692)
 ZOO:kin *Trypanosoma (Megatrypanum) thylacis* Mackerras, 1959; blood; RU (483, 691, 693)
 ZOO:kin *Trypanosoma* sp.; blood; R3 (78)
 ZOO:tri *Trichomonas* sp.; intestines; RU (692)

Perameles gunnii Gray, 1838 [eastern barred bandicoot]
 COC:ade *Klossiella quimrensis* Barker *et al.*, 1975; kidney; R3 (54, 826, 851, 1124)
 COC:ade *Hepatozoon* sp.; blood; R3 (77, 899)
 COC:eim *Sarcocystis* sp.; muscle; RU (830)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); central nervous system; R3 (911)
 ZOO:kin *Trypanosoma* sp.; blood; R3 (78)

Perameles nasuta Geoffroy, 1804 [long-nosed bandicoot]
 COC:ade *Hepatozoon peramelis* (Welsh & Dalyell, 1909); blood; RU (693, 826, 851, 1228, 1229, 1234)
 COC:ade *Klossiella* sp.; kidney; RU (692)
 COC:eim *Sarcocystis* sp.; muscle; RU (830)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, antibodies (CFT); R1 (224, 826, 961, 962)
 HEM:pir *Theileria peramelis* Mackerras, 1959; blood; R1 (693)
 HEM:pir *Theileria* sp.; blood; RU (691, 692, 826, 851)

Perameles (unidentified species)
 COC:eim *Toxoplasma* sp.; various tissues; RU (168)
 ZOO:dip *Giardia* sp.; faeces; R3 (781)

Family: THYLACOMYIDAE [bilbys]

Macrotis lagotis (Reid, 1837) [bilby]
 COC:eim *Toxoplasma* sp.; various tissues; RU (168)

Order: DIPROTODONTA
 Family: PHALANGERIDAE [brush-tail possums, cuscuses]

Trichosurus arnhemensis Collett, 1897 [northern brush-tail possum]
 ZOO:dip *Giardia* sp.; faeces; R3 (781)

Trichosurus caninus (Ogilby, 1836) [mountain brush-tail possum]
 COC:eim *Eimeria* sp.; faeces; R4 (969, 973)
 COC:eim *Sarcocystis* sp.; muscle; R1 (830, 969, 973)

Trichosurus vulpecula (Kerr, 1792) [common brush-tail possum]
 COC:eim *Eimeria* sp.; faeces; R1, R2, R3 (899, 968, 970, 973)
 COC:eim *Sarcocystis* sp.; muscle; R1 (830, 970, 973)
 COC:eim *Toxoplasma* sp.; brain, heart, antibodies (CFT); R1, R2 (224, 826, 970, 973, 1060)
 LOB:amo *Entamoeba* sp.; intestines; RU (692)
 ZOO:kin *Leishmania donovani* (Laveran & Mesnil, 1903); heart (exptl. infection); R2 (42)
 ZOO:kin *Trypanosoma cruzi* Chagas, 1909; blood, various organs (exptl. infection); R2 (42)

- Family: PETAURIDAE [ringtail possums, larger gliders]
- Hemibelideus lemuroides** (Collett, 1884) [lemuroid ringtail possum]
 COC:ade *Klossiella* sp.; kidney; R1 (1084)
 COC:eim *Eimeria* sp.; intestines; R1 (1084)
- Petauroides volans** (Kerr, 1792) [greater glider]
 COC:ade *Klossiella schoinobatis* Barker *et al.*, 1985; kidney; R2 (58, 851)
- Petaurus breviceps** Waterhouse, 1839 [sugar glider]
 COC:ade *Hepatozoon petauri* (Welsh & Barling, 1909); blood; RU (692, 693, 826, 851)
- Petaurus norfolcensis** (Kerr, 1792) [squirrel glider] syn. *P. sciureus*
 COC:ade *Hepatozoon petauri* (Welsh & Barling, 1909); blood; RU (563, 570, 693, 826, 851, 1226, 1227, 1234)
- Pseudocheirus herbertensis** (Collett, 1884) [Herbert River ringtail possum]
 COC:ade *Hepatozoon* sp.; blood; R1 (1084)
 COC:ade *Klossiella* sp.; kidney; R1 (1084)
 COC:ade Unidentified haemogregarine; blood; R1 (1084)
 COC:eim *Eimeria* sp.; intestines; R1 (1084)
- Pseudocheirus langinosus** (Gould, 1858) [ring tail possum]
 COC:ade *Hepatozoon pseudecheiri* Mackerras, 1959; blood; R1 (693)
- Pseudocheirus peregrinus** (Boddaert, 1785) [common ringtail possum]
 COC:ade *Haemogregarina* sp.; blood; RU (692)
 COC:ade *Klossiella convolutor* Barker *et al.*, 1975; kidney; R3 (54, 826, 851, 971, 1124)
 COC:eim *Eimeria* sp.; faeces, R1 (899)
- Pseudocheirus archeri** (Collett, 1884) [green ringtail possum]
 COC:ade *Klossiella* sp.; kidneys; R1 (1084)
 COC:eim *Eimeria* sp.; intestines; R1 (1084)
 COC:eim *Sarcocystis* sp.; muscle; RU (830, 1084)
- Pseudocheirus** (unidentified species)
 COC:eim *Toxoplasma* sp.; various tissues, immunolabelling; RU (168)
- Family: POTOROIDAE [potoroos, bettongs, rat-kangaroos]
- Aepyprymnus rufescens** (Gray, 1837) [rufous bettong]
 COC:eim *Eimeria aepyprymni* Barker *et al.*, 1988; faeces; zoo (Aust.) (61)
 COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)
- Bettongia gaimardi** (Desmarest, 1822) [Tasmanian bettong]
 COC:ade *Klossiella bettongiae* Barker *et al.*, 1985; kidney; R3 (58, 851)
 COC:eim *Eimeria gaimardi* Barker *et al.*, 1988; faeces; R3 (61)
- Bettongia lesueuri** (Quoy & Gaimard, 1824) [burrowing bettong]
 COC:eim *Sarcocystis bettongiae* Bourne, 1934; skeletal muscle; R6 (122, 312, 606)
- Hypsiprymnodon moschatus** Ramsay, 1876 [musky rat-kangaroo]
 COC:eim *Eimeria hypsiprymnodontis* Barker *et al.*, 1988; faeces; R1 (61)
 COC:eim *Eimeria kairensis* Barker *et al.*, 1988; faeces; R1 (61)
 COC:eim *Eimeria spearei* Barker *et al.*, 1988; faeces; R1 (61)
 COC:eim *Eimeria spratti* Barker *et al.*, 1988; faeces; R1 (61)
 COC:eim *Eimeria tinaroensis* Barker *et al.*, 1988; faeces; R1 (61)
- Potorous tridactylus** (Kerr, 1792) [long-nosed potoroo, long-nosed rat kangaroo]
 COC:ade *Klossiella* sp.; kidney; R3 (54, 826, 851)
 COC:eim *Eimeria mundayi* Barker *et al.*, 1988; faeces; R3 (61)
 COC:eim *Eimeria potoroi* Barker *et al.*, 1988; faeces; R3 (61)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lungs, liver, muscle, antibodies (IHAT); zoo (USA) (528, 944)
 HEM:pir *Theileria peramelis* Mackerras, 1959; blood; R1 (693)
 HEM:pir *Theileria* sp.; blood; RU (691, 692, 826, 851, 1086)
- Family: MACROPODIDAE [kangaroos, wallabies, pademelons, quokka]
- Dendrolagus inustus** Mueller, 1840 [grizzled tree-kangaroo]
 ZOO:tri *Trichomonas guttula* Kirby & Honigberg, 1950; intestines; zoo (USA) (613)
- Dendrolagus lumholtzi** Collett, 1884 [Lumholtz's tree-kangaroo]
 COC:eim *Eimeria dendrolagi* Barker *et al.*, 1988; faeces; R1 (60)
 COC:eim *Eimeria lumholtzi* Barker *et al.*, 1988; faeces; R1 (60)
 COC:eim *Sarcocystis* sp.; muscle; R1 (1086)
 COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); LU, R6, zoo (Aust.) (167)
- Lagorchestes conspicillatus** Gould, 1842 [spectacled hare-wallaby]
 COC:ade *Klossiella beveridgei* Barker *et al.*, 1985; kidney; R1 (58, 851)

COC:eim *Eimeria lagorchestis* Barker *et al.*, 1988; faeces; R1 (60)
 COC:eim *Eimeria* sp.; faeces; R1 (60)
 COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)

Macropus agilis (Gould, 1842) [agile wallaby]

COC:eim *Eimeria mykutowyczi* Barker *et al.*, 1989; faeces; R8 (62)
 COC:eim *Eimeria prionotemni* Barker *et al.*, 1989; faeces; R5, zoo (Aust.) (62)
 COC:eim *Eimeria* sp.; ileum; RU (1083, 1086)
 COC:eim *Sarcocystis* sp.; skeletal muscle; RU (830, 1083, 1086)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); heart; RU (1083, 1086)
 COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 LIT:ves *Isotricha* sp.; stomach; RU (906)

Macropus antilopinus (Gould, 1842) [antelope wallaroo]

COC:eim *Eimeria flindersi* Barker *et al.*, 1989; faeces; R1 (62)
 COC:eim *Eimeria mykutowyczi* Barker *et al.*, 1989; faeces; R1 (62)

Macropus dorsalis (Gray, 1837) [black-striped wallaby]

COC:eim *Eimeria hestermani* Mykutowycz, 1964; faeces; R1 (62)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R1, R4, zoo (USSR) (62, 865, 1272)
 COC:eim *Eimeria prionotemni* Barker *et al.*, 1989; faeces; R1 (62)
 COC:eim *Eimeria* sp.; intestines; R1 (fauna park) (1082, 1086)
 LIT:ent *Cycloposthium* sp.; stomach; R1 (899)
 LIT:ent *Macropodinium* sp.; stomach; R1 (899)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 LIT:ves *Isotricha* sp.; stomach; RU, R1 (899, 906)

Macropus eugenii (Desmarest, 1817) [tammar wallaby]

LOB:amo Unidentified amoebae; LU; RU (826, 851)
 COC:eim *Eimeria flindersi* Barker *et al.*, 1989; faeces; R5 (62)
 COC:eim *Eimeria hestermani* Mykutowycz, 1964; faeces; R5, zoo (Aust.) (62)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R4, R5, zoo (Aust., USSR) (62, 865, 1272)
 COC:eim *Eimeria prionotemni* Barker *et al.*, 1989; faeces; R5, zoo (Aust.) (62)
 COC:eim *Eimeria toganmainensis* Mykutowycz, 1964; faeces; R5 (62)

COC:eim Unidentified coccidia; small intestine, liver; RU (31, 1086)
 COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; LU (exptl. infection), antibodies (ELISA); R2 (985)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, antibodies (IHAT); R2, R6, zoo (EUR, USA) (167, 287, 296, 519, 528, 944, 985, 986)
 LIT:ves *Dasytricha* sp.; stomach; RU (273, 906)
 LIT:ves *Isotricha* sp.; stomach; RU (273, 906)
 LIT:ent *Heterotricha* sp.; stomach; R4 (273)

Macropus fuliginosus (Desmarest, 1817) [western grey kangaroo]

COC:ade *Klossiella callitris* Barker *et al.*, 1975; kidney; R4 (54, 826, 851, 1124)
 COC:eim *Eimeria gungahlinensis* Mykutowycz, 1964; faeces; R4 (62)
 COC:eim *Eimeria hestermani* Mykutowycz, 1964; faeces; R4 (62)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R4, zoo (USSR) (62, 865, 1272)
 COC:eim *Eimeria marsupialium* Yakimoff & Matschoulsky, 1936; faeces; R4, R5 (62)
 COC:eim *Eimeria toganmainensis* Mykutowycz, 1964; faeces; R4, R5 (62)
 COC:eim *Eimeria wilcanniensis* Mykutowycz, 1964; faeces; R4, R5, zoo (Aust.) (62)
 COC:eim *Eimeria yathongensis* Barker *et al.*, 1989; faeces; R4, R5 (62)
 COC:eim *Toxoplasma gondii* (Nichole & Manceaux, 1908); various tissues, antibodies (IHA, LAT, MAT, DT); zoo (USA) (309, 310)
 COC:eim Unidentified coccidia; stomach, intestines, faeces; RU, zoo (Aust., Japan) (28, 31, 368, 369, 1086, 1273)
 LIT:ent *Macropodinium yalanbense* Dehority, 1966; forestomach; R6 (271)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 LIT:ves *Isotricha* sp.; stomach; RU (906)

Macropus giganteus Shaw, 1790 [eastern grey kangaroo]
 syn. *M. canguru*

COC:eim *Eimeria cunnamullensis* Mykutowycz, 1964; faeces, small intestine; R4 (52, 167, 865, 948)
 COC:eim *Eimeria gungahlinensis* Mykutowycz, 1964; faeces; R4 (62, 167, 865, 948)
 COC:eim *Eimeria hestermani* Mykutowycz, 1964; faeces; R4 (62, 167, 865, 948)
 COC:eim *Eimeria kogoni* Mykutowycz, 1964; faeces, small intestine; R4 (28, 52, 167, 865, 948)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces, small intestine; R4, zoo (USSR) (52, 62, 167, 865, 946, 947, 948, 949, 1272)

- COC:eim *Eimeria marsupialium* Yakimoff & Matschoulsky, 1936; faeces; R4, zoo (USSR) (62, 167, 946, 947, 948, 949, 1272)
 COC:eim *Eimeria toganmainensis* Mykytowycz, 1964; faeces; R4 (62)
 COC:eim *Eimeria wilcanniensis* Mykytowycz, 1964; faeces; R4 (62)
 COC:eim *Eimeria yathongensis* Barker *et al.*, 1989; faeces; R4 (62)
 COC:eim *Eimeria* sp.; intestines; R1, R4 (fauna park) (31, 50, 576, 1060, 1082, 1086, 1248)
 COC:eim Unidentified coccidia; faeces, intestines; RU, zoo (Aust., USA) (135, 368, 369)
 COC:eim *Sarcocystis* sp.; muscle; RU (826, 830)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, antibodies (IHAT); RU, zoo (USA) (528, 944, 1086)
 LIT:ent *Heterotracha* sp.; stomach; R4 (273)
 LIT:ent *Macropodinium* sp.; stomach; R1 (899)
 LIT:ves *Dasytricha* sp.; stomach; RU, R1 (273, 899, 906)
 LIT:ves *Isotracha* sp.; stomach; RU, R1 (273, 899, 906)
 LOB:aca *Acanthamoeba* sp.?; brain; R1 (874)
 LOB:amo Unidentified amoebae; stomach, oesophagus; RU (826, 851, 906)
- Macropus irma** (Jourdan, 1837) [western brush wallaby]
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R4, R6, zoo (USSR) (62, 865, 1272)
- Macropus parma** Waterhouse, 1846 [parma wallaby]
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R2, R4, zoo (Aust., USSR) (62, 865, 1272)
 COC:eim *Eimeria parma* Barker *et al.*, 1989; faeces; zoo (Aust.) (62)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various organs; R6, zoo (Aust., USA) (167, 310, 1240)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 LIT:ves *Isotracha* sp.; stomach; RU (906)
- Macropus parryi** Bennett, 1835 [whiptail wallaby]
 COC:eim *Eimeria mykytowyczi* Barker *et al.*, 1989; faeces; zoo (Aust.) (62)
 COC:eim *Eimeria parryi* Barker *et al.*, 1989; faeces; zoo (Aust.) (62)
 COC:eim *Eimeria prionotemni* Barker *et al.*, 1989; faeces; R1, zoo (Aust.) (62)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R1, R4, zoo (Aust., USSR) (62, 865, 1272)
 COC:eim *Eimeria* sp.; intestinal mucosa; R1 (fauna park) (576, 581, 1082, 1086)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 LIT:ves *Isotracha* sp.; stomach; RU (906)
- Macropus robustus** Gould, 1841 [common wallaroo]
 COC:eim *Eimeria wilcanniensis* Mykytowycz, 1964; faeces; R5 (62)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lungs, antibodies (IHAT, CSFA); zoo (USA) (100, 310, 1002)
 LIT:ent *Entodinium* sp.; stomach; RU (273)
 LIT:ent *Heterotracha* sp.; stomach; R4 (273)
 LIT:ent *Macropodinium ennuensis* Dehority, 1966; forestomach; R6 (271)
 LIT:ent *Macropodinium* sp.; stomach; R1 (899)
 LIT:ves *Dasytricha* sp.; stomach; RU, R1 (273, 899)
 LIT:ves *Isotracha* sp.; stomach; RU, R1 (273, 899)
 LOB:amo Unidentified amoebae; glandular stomach; RU (825, 826, 851, 874)
 ZOO:ret *Retortomonas mitrula* Kirby & Honigberg, 1950; intestines; zoo (USA) (613)
 ZOO:tri *Monocercomonas* sp.; intestines; zoo (USA) (613)
 ZOO:tri *Trichomonas guttula* Kirby & Honigberg, 1950; intestines; zoo (USA) (613)
- Macropus rufogriseus** (Desmarest, 1817) [red-necked wallaby, Bennett's wallaby] syn. *M. bennetti*
 COC:ade *Klossiella rufogrisei* Barker *et al.*, 1985; kidney; R3 (58)
 COC:ade *Klossiella* sp.; kidney; RU (826, 851)
 COC:eim *Eimeria desmaresti* Barker *et al.*, 1989; faeces; R3 (62)
 COC:eim *Eimeria flindersi* Barker *et al.*, 1989; faeces; R3 (62)
 COC:eim *Eimeria hestermani* Mykytowycz, 1964; faeces; R3 (62, 948)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R4, zoo (UK, USSR) (62, 865, 946, 947, 948, 949, 967, 1233, 1272)
 COC:eim *Eimeria prionotemni* Barker *et al.*, 1989; faeces; R3 (62)
 COC:eim *Eimeria toganmainensis* Mykytowycz, 1964; faeces; R3 (62)
 COC:eim *Eimeria* sp.; faeces; zoo (EUR) (1137)
 COC:eim Unidentified coccidia; intestines; zoo (Aust., UK) (31, 368, 1054, 1086)
 COC:eim *Globidium mucosum* (Blanchard, 1885); small intestine; zoo (UK, EUR) (1054, 1274)
 COC:eim *Ileocystis macropodis* Gilruth & Bull, 1912; small intestine; zoo (UK) (1164, 1233)
 COC:eim *Lymphocystis macropodis* Gilruth & Bull, 1912; small intestine; zoo (UK) (1164, 1233)
 COC:eim *Sarcocystis mucosa* (Blanchard, 1885); gut wall; R1, R3 (312, 520, 890)
 COC:eim *Sarcocystis* sp.; gut wall, muscle; RU, zoo (UK) (606, 826, 830, 1054, 1165)

- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, antibodies (DAT, MAT, ELISA), R3, zoo (USA, UK, EUR) (31, 36, 167, 310, 434, 521, 551, 553, 725, 784, 826, 981, 1086, 1102)
 LIT:ent *Entodinium* sp.; stomach; RU (273)
 LIT:ent *Heterotricha* sp.; stomach; R4 (273)
 LIT:ent *Macropodinium* sp.; stomach; R1 (899)
 LIT:ves *Dasytricha* sp.; stomach; RU (273)
 LIT:ves *Isotricha* sp.; stomach; RU (273)
- Macropus rufus** (Desmarest, 1822) [red kangaroo] syn.
Megalia rufus
 COC:ade *Klossiella rufi* Barker *et al.*, 1985; kidney; R4 (58)
 COC:ade *Klossiella* sp.; kidney; R4 (30, 826, 851)
 COC:eim *Cryptosporidium* sp.; intestines; R5 (349, 898)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R4, R6, zoo (USSR) (62, 865, 1272)
 COC:eim *Eimeria rufusi* Prasad, 1960; faeces; zoo (UK) (167, 946, 947, 948, 949, 967)
 COC:eim *Eimeria toganmainensis* Mykytowycz, 1964; faeces; R4 (30, 167, 865, 948)
 COC:eim *Eimeria wilcanniensis* Mykytowycz, 1964; faeces; R4 (30, 167, 865, 948)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim *Sarcocystis* sp.; muscle; RU, R4 (30, 826, 830, 1086)
 COC:eim *Toxoplasma* sp.; various organs; RU, zoo (USA) (438, 528, 1086)
 COC:eim Unidentified coccidian; adipose tissue; R4 (315)
 LIT:ent *Macropodinium ennuensis* Dehority, 1966; forestomach; R6 (271)
 LIT:ent Unidentified ciliates; forestomach; R5 (449)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 LIT:ves *Isotricha* sp.; stomach; RU (906)
 LOB:amo Unidentified amoebae; stomach, oesophagus; RU (906)
 UNC:sta *Pneumocystis carinii* Delanoe, 1912; lungs; RU (826, 851)
- Macropus** (unidentified species)
 COC:eim *Globidium macropodis* (Gilruth & Bull, 1912); intestinal mucosa; zoo (Aust.) (397)
 COC:eim *Globidium* sp.; intestinal mucosa; zoo (Aust.) (397)
 COC:eim *Toxoplasma* sp.; various tissues, antibodies (IHAT); RU, zoo (USA) (168, 981, 1002)
 LOB:amo *Entamoeba* sp.; faeces, forestomach; zoo (USA) (1007)
 ZOO:dip *Giardia* sp.; faeces; R3 (781)
- Peradorcas concinna** Gould, 1842 [narbarlek]
 COC:eim *Sarcocystis* sp.; muscle; RU (826, 830, 1086)
- Petrogale brachyotis** (Gould, 1841) [short-eared rock-wallaby]
 COC:eim *Eimeria occidentalis* Barker *et al.*, 1988; faeces; R8 (59)
 COC:eim *Sarcocystis* sp.; muscle; RU (830, 1086)
- Petrogale godmani** Thomas, 1923 [Godman's rock-wallaby]
 COC:eim *Eimeria godmani* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1 (59)
- Petrogale inornata** Gould, 1842 [unadorned rock-wallaby]
 COC:eim *Eimeria boonderoensis* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria godmani* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria inornata* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Sarcocystis mucosa* (Blanchard, 1885); gut wall; R1 (312, 890)
- Petrogale lateralis** Gould, 1842 [black-footed rock-wallaby]
 COC:eim *Eimeria godmani* Barker *et al.*, 1988; faeces; R5 (882)
 COC:eim *Eimeria inornata* Barker *et al.*, 1988; faeces; R5 (882)
 COC:eim *Eimeria occidentalis* Barker *et al.*, 1988; faeces; R7, R8 (59)
 COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1, R5 (59, 882)
 COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R5, R6 (59, 882)
 COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)
- Petrogale penicillata** (Gray, 1825) [brush-tailed rock-wallaby]
 COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Sarcocystis mucosa* (Blanchard, 1885); colonic submucosa, zoo (EUR) (96, 97, 230, 606, 617, 663, 782, 872, 1234)
 COC:eim *Sarcocystis* sp.; muscle; RU (826)
 COC:eim Unidentified coccidian; faeces; R1 (59)
- Petrogale persephone** Maynes, 1982 [Proserpine rock-wallaby]
 COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59, 72)

COC:eim *Eimeria sharmani* Barker *et al.*, 1988;
faeces; R1 (72)
HEM:pir *Babesia* sp.; blood; R1 (899)

Petrogale rothschildi Thomas, 1904 [Rothschild's rock-wallaby]

COC:eim *Eimeria occidentalis* Barker *et al.*, 1988;
faeces; R6 (59)
COC:eim *Eimeria sharmani* Barker *et al.*, 1988;
faeces; R7 (59)

Petrogale xanthopus Gray, 1855 [yellow-footed rock-wallaby]

COC:eim *Eimeria xanthopus* Barker *et al.*, 1988;
faeces; R5, zoo (Aust.) (59)
COC:eim *Sarcocystis macropodis* Gilruth & Bull,
1912; intestinal submucosa; zoo (Aust.) (397)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); LU; RU (310)

Setonix brachyurus (Quoy & Gaimard, 1830) [quokka]

COC:eim *Eimeria quokka* Barker *et al.*, 1988; faeces;
R6 (60)
COC:eim *Eimeria setonicis* Barker *et al.*, 1988;
faeces; R6 (60)
COC:eim *Eimeria volckertzooni* Barker *et al.*, 1988;
faeces; R6 (60)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); muscle, brain, kidney, antibodies (DT); R6
(167, 310, 390, 826, 1086)
LIT:ent *Macropodinium baldense* Dehority, 1966;
forestomach; R6 (271)
LIT:ent *Macropodinium moiri* Dehority, 1966;
forestomach; R6 (271)
LIT:ent *Macropodinium setonixum* Dehority, 1966;
forestomach; R6 (271)
LIT:ent Unidentified ciliates; forestomach; R6 (783,
1271)
LOB:amo *Entamoeba* sp.; intestines; RU (692)

Thylogale billardieri (Desmarest, 1822) [Tasmanian pademelon]

COC:ade *Klossiella thylogale* Barker *et al.*, 1985;
kidney; R3 (58)
COC:ade *Klossiella* sp.; kidney; RU (826, 851)
COC:eim *Cryptosporidium* sp.; intestines; R5 (349,
898)
COC:eim *Eimeria obendorfi* Barker *et al.*, 1988;
faeces; R3 (60)
COC:eim *Eimeria ringaroomaensis* Barker *et al.*,
1988; faeces; R3 (60)
COC:eim *Eimeria thylogale* Barker *et al.*, 1988;
faeces; R3 (60)
COC:eim *Sarcocystis mucosa* (Blanchard, 1885);
intestinal submucosa; R3 (520)

COC:eim *Sarcocystis* sp.; muscle; RU (826, 830)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); various tissues, antibodies (DT, DAT, MAT,
ELISA); R3 (31, 167, 551, 553, 811, 826, 905, 1086)
LIT:ves *Dasytricha* sp.; stomach; RU (906)
LIT:ves *Isotricha* sp.; stomach; RU (906)

Thylogale thetis (Lesson, 1827) [red-necked pademelon]

COC:eim *Eimeria* sp.; intestinal mucosa; R4 (576)
COC:eim *Pfeifferinella/Tyzzeria* sp.?.; faeces; RU
(60)

Wallabia bicolor (Desmarest, 1804) [swamp wallaby]

LOB:amo Unidentified amoebae; stomach,
oesophagus; RU (906)
COC:eim *Eimeria bicolor* Barker *et al.*, 1988; faeces;
R2 (60)
COC:eim *Eimeria wallabiae* Barker *et al.*, 1988;
faeces; R2 (60)
COC:ade *Klossiella serendipensis* Barker *et al.*,
1975; kidney; R2 (54, 826, 851, 1124)
COC:eim *Sarcocystis* sp.; muscle; RU (830, 1086)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); various organs; RU, zoo (USA), (310, 1086,
1141)
LIT:ent *Heterotricha* sp.; stomach; R4 (273)
LIT:ves *Dasytricha* sp.; stomach; RU (273, 906)
LIT:ves *Isotricha* sp.; stomach; RU (273, 906)

Family: PHASCOLARTIDAE [koala]

Phascolarctos cinereus (Goldfuss, 1817) [koala]

COC:eim *Cryptosporidium parvum* Tyzzer, 1912;
faeces; R5 (798)
COC:eim *Cryptosporidium* sp.; intestines; R5 (349,
898)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); various tissues; RU, R1, zoo (Aust.) (31, 168,
288, 462, 826, 899)
UNC:sta *Blastocystis* sp.; faeces; R1 (119)

Family: VOMBATIDAE [wombats]

Lasiorhinus latifrons (Owen, 1845) [southern hairy-nosed wombat]

COC:eim *Eimeria wombati* (Gilruth & Bull, 1912);
intestinal mucosa, faeces; R2, zoo (EUR) (28, 56, 303,
397, 946, 947, 949, 1112, 1234)
COC:eim *Eimeria ursini* Supperer, 1957; intestines,
faeces; R2, R5, zoo (EUR) (56, 303, 946, 947, 949,
1112)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); LU; RU (303)

Vombatus ursinus (Shaw, 1800) [common wombat] syn.

Phascocom mitchelli

COC:eim *Eimeria arundeli* Barker *et al.*, 1979;
faeces, small intestine; R2, R3, zoo (Aust.) (56, 303,
972)

COC:eim *Eimeria* sp.; faeces; RU (28)

COC:eim *Toxoplasma wenyoni* Coutelen, 1932;
brain; zoo (UK) (229, 310)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); various organs; RU (28, 31, 168, 303, 972,
1102)

LIT:ves *Isotricha* sp.; hindgut; R1 (899)

Class: REPTILIA [reptiles]

Order: CROCODILIA [crocodiles]

Family: CROCODYLIDAE [crocodiles]

Crocodylus porosus Schneider, 1801 [estuarine or salt
water crocodile]

COC:eim *Goussia* sp.?: intestines; R1 (919)

HEM:hae Unidentified haemosporidian; erythrocytes;
R1 (919)

UNC:sta Unidentified protozoan; intestines (giant
cell enteritis); R1 (619)

Order: TESTUDINES [turtles & tortoises]

Family: CHELONIIDAE [sea turtles]

Chelonia mydas (Linnaeus, 1758) [green turtle]

COC:eim *Caryospora cheloniae* Leibovitz *et al.*,
1978; intestines, kidney, brain; R13 (421)

COC:eim *Caryospora* sp.; intestines; R13 (899)

COC:eim *Cryptosporidium* sp.; intestines; R13 (899)

Family: CHELIDAE [side-necked tortoises]

Chelodina expansa Gray, 1857 [broad-shelled river turtle,
lagoon tortoise]

COC:ade *Haemogregarina clelandi* Johnston, 1909;
blood; R1 (695)

COC:ade *Haemogregarina* sp.; blood; zoo (Aust.)
(581, 960)

Chelodina longicollis (Shaw, 1794) [eastern snake-necked
or long-necked tortoise]

COC:ade *Haemogregarina clelandi* Johnston, 1909;
blood; R1, R4 (128, 211, 212, 565, 575, 577, 581,
695)

HEM:hae *Haemocystidium chelodinae* Johnston &
Cleland, 1909; blood; R1 (211, 564, 570, 572, 575,
577, 695)

ZOO:kin *Trypanosoma chelodina* Johnston, 1907;
blood; R1, R4 (128, 211, 212, 533, 572, 575, 577,
581, 695, 1128)

Chelodina oblonga Gray, 1841 [oblong turtle]

COC:ade *Haemogregarina clelandi* Johnston, 1909;

blood; R4 (211, 565, 570, 572, 577, 695)

HEM:hae *Haemocystidium chelodinae* Johnston &
Cleland, 1909; blood; R2 (211, 575, 577, 695)

Elseya dentata (Gray, 1863) [northern snapping turtle]

COC:ade *Haemogregarina clelandi* Johnston, 1909;
blood; R4 (695)

HEM:hae *Haemocystidium chelodinae* Johnston &
Cleland, 1909; blood; R1 (695)

ZOO:kin *Trypanosoma chelodina* Johnston, 1907;
blood; R1 (695, 1128)

Elseya latisternum Gray, 1867 [saw-shelled turtle]

COC:ade *Haemogregarina clelandi* Johnston, 1907;
blood; R4 (695)

HEM:hae *Haemocystidium chelodinae* Johnston &
Cleland, 1909; blood; R1 (695)

ZOO:kin *Trypanosoma chelodina* Johnston, 1907;
blood; R1 (695, 1128)

Emydura krefftii (Gray, 1871) [Krefft's river turtle]

COC:ade *Haemogregarina clelandi* Johnston, 1909;
blood; R4 (211, 572, 575, 577, 581, 695)

HEM:hae *Haemocystidium chelodinae* Johnston &
Cleland, 1909; blood; R1 (211, 212, 572, 575, 695)

ZOO:kin *Trypanosoma chelodina* Johnston, 1907;
blood; R1 (211, 212, 572, 575, 577, 581, 695, 1128)

Emydura macquarii (Gray, 1830) [Murray turtle]

COC:ade *Haemogregarina clelandi* Johnston, 1909;
blood; R4 (577, 581, 695)

HEM:hae *Haemocystidium chelodinae* Johnston &
Cleland, 1909; blood; R2 (577, 581, 695)

ZOO:kin *Trypanosoma chelodina* Johnston, 1907;
blood; R4 (577, 581, 695, 1128)

Order: SQUAMATA [lizards & snakes]

Suborder: SAURIA [lizards]

Family: HELODERMATIDAE [Gila monsters]

Heloderma suspectum (Cope, 1869) [Gila monster]

COC:eim *Cryptosporidium* sp.; faeces; R5, zoo
(Aust.) (896, 898)

Family: GEKKONIDAE [geckos]

Gehyra australis Gray, 1845 [northern dtella]

COC:eim *Eimeria gastrosauris* Paperna, 1994;
stomach; R1 (932)

HEM:hae *Haemoproteus gehyrae* Paperna & Landau,
1991; blood; R1 (930)

Gehyra dubia (Macleay, 1877) [tree dtella]

COC:eim *Eimeria* sp.; faeces; R1, R9 (899, 900)

Gehyra punctata (Fry, 1914) [spotted dtella]

COC:eim *Isospora* sp.; faeces; R1 (899)

Gehyra robusta King, 1983 [robust dtella]

COC:ade *Haemogregarina* sp.; blood; R1, R9 (899, 900)

Gehyra variegata (Dumeril & Bibron, 1836) [tree dtella]

COC:ade *Haemogregarina* sp.; lung, blood; R1, R4 (285, 695, 1093, 1094)

COC:eim *Eimeria gehyrae* Cannon, 1967; faeces, gall bladder; R1 (172)

COC:eim *Isoospora* sp.; faeces, small intestines; R1, R2 (899, 1049)

HEM:hae *Haemoproteus mackerrasi* Paperna & Landau, 1991; blood; R1 (40, 695)

HEM:hae *Pirhemocytion tarentolae* Chatton & Blanc, 1914; blood; R1 (695, 1094)

Heteronotia binoei (Gray, 1845) [Bynoe's gecko]

COC:ade *Haemogregarina heteronotae* Mackerras, 1961; blood, lung; R1 (695)

COC:ade *Haemogregarina* sp.; blood; R1 (899)

COC:eim *Eimeria gastrosauris* Paperna, 1994; stomach; R1 (931, 932)

COC:eim *Eimeria* sp.; faeces; R1 (899)

COC:eim *Isoospora ablephari* Cannon, 1967; faeces, intestine; R1 (171)

COC:eim *Isoospora* sp.; faeces; R1 (899)

HEM:hae *Haemoproteus mackerrasi* Paperna & Landau, 1991; blood; R1 (40, 695, 930)

HEM:pir *Babesia* sp.; blood; R1 (899)

Nephrurus wheeleri Loveridge, 1932 [-]

COC:ade *Haemogregarina* sp.; blood; R1 (899)

COC:eim *Schellackia* sp.; blood; R1 (899)

Oedura castelnaui (Thominot, 1889) [northern velvet gecko]

HEM:hae *Haemoproteus oedurae* Paperna & Landau, 1991; blood; R1 (930)

Oedura monilis De Vis, 1888 [ocellated velvet gecko]

COC:eim *Eimeria gastrosauris* Paperna, 1994; stomach; R1 (931, 932)

Oedura tyroni De Vis, 1884 [southern spotted velvet gecko]

COC:ade *Haemogregarina* sp.; blood; R1 (577, 581)

HEM:hae *Haemocystidium* sp.; blood; R1 (577, 581)

HEM:hae *Haemoproteus mackerrasi* Paperna & Landau, 1991; blood; R1 (40, 695)

Phyllodactylus marmoratus (Gray, 1845) [marbled gecko]

HEM:hae *Billbraya australis* Paperna & Landau, 1990; blood; R5 (927)

Phyllurus cornutus (Ogilby, 1892) [northern leaf-tailed gecko]

COC:eim *Isoospora* sp.; faeces, intestine; R1 (171)

Phyllurus platurus (White, 1790) [southern leaf-tailed gecko]

COC:ade *Haemogregarina* sp.; blood; R2 (695)

HEM:hae *Haemoproteus mackerrasi* Paperna & Landau, 1991; blood; R2 (40, 695)

HEM:hae *Pirhemocytion tarentolae* Chatton & Blanc, 1914; blood; R2 (66, 695)

ZOO:kin *Trypanosoma phylluri* Mackerras, 1961; blood; R2 (695, 1128)

Pseudothecadactylus lindneri Cogger, 1975 [giant cave gecko]

COC:eim *Isoospora* sp.; faeces; R1 (899)

Underwoodsaurus milii (Bory de Saint-Vincent, 1825) [thick-tailed gecko]

COC:eim *Eimeria* sp.; faeces; R1 (899)

HEM:hae *Haemoproteus underwoodsauri* Paperna & Landau, 1991; blood; R5 (930)

Family: PYGOPODIDAE [snake lizards]

Delma nasuta Kluge, 1974 [-]

COC:eim *Isoospora delmae* Finkelman & Paperna, 1994; small intestine; R5 (366)

Lialis burtonis Gray, 1835 [Burton's snake-lizard]

COC:ade *Haemogregarina* sp.; blood; R1, R9 (899, 900)

Family: AGAMIDAE [dragon lizards]

Amphibolurus barbatus (Cuvier, 1829) [bearded dragon or Jew lizard] syn. *Ctenophorus barbatus*, *Pogona barbata*

COC:eim *Isoospora amphibolurus* Cannon, 1967; faeces, duodenum; R1 (171)

COC:eim *Isoospora* sp.; faeces; R1 (899)

COC:eim *Sarcocystis* sp.; muscle; RU (606)

HEM:hae *Plasmodium giganteum* Theiler, 1930; blood; R1 (40, 387, 695, 1127)

Amphibolurus caudicinctus (Gunther, 1875) [ring-tailed dragon]

COC:ade *Haemogregarina* sp. blood; R1 (899)

HEM:hae *Haemoproteus* sp.; blood; R9 (900)

Amphibolurus vitticeps Ahl, 1926 [inland bearded dragon]

COC:eim *Isoospora amphiboluri* Cannon, 1967; faeces; zoo (USA) (738)

Diporiphora australis (Steindachner, 1867) [-]

COC:eim *Isoospora cannoni* Finkelman & Paperna, 1994; small intestine; R1 (367)

Moloch horridus Gray, 1841 [thorny devil or moloch]

COC:eim *Eimeria molochis* Bovee & Telford, 1965; intestine, faeces; R10 (123, 172)

Physignathus lesueurii (Gray, 1831) [eastern water dragon]

COC:ade *Haemogregarina palmeri* Mackerras, 1961; blood; R2 (695)

- COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Family: VARANIDAE [goannas or monitor lizards]
- Varanus bellii*** Dumeril & Bibron, 1839 [-]
COC:ade *Haemogregarina varanicola* Johnston & Cleland, 1910; blood; R1 (580, 581)
- Varanus giganteus*** (Gray, 1845) [perentie]
COC:eim *Cryptosporidium* sp.; faeces; R5 (898)
- Varanus gouldii*** (Gray, 1838) [Gould's goanna or sand monitor]
COC:ade *Hepatozoon breinli* (Mackerras, 1961); blood; R1 (695, 697)
COC:ade *Haemogregarina gouldii* Johnston & Cleland, 1912; blood, R1 (211, 575, 577, 581, 695)
COC:ade *Haemogregarina johnstoni* Mackerras, 1961; blood, liver, heart; R1 (695)
COC:ade *Haemogregarina varanicola* Johnston & Cleland, 1910; blood; R1 (572, 695)
COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Varanus tristis*** (Schlegel, 1839) [spotted goanna]
COC:ade *Hepatozoon breinli* (Mackerras, 1961); blood; R1 (695, 697)
COC:ade *Haemogregarina gilruthi* Mackerras, 1961; blood; R1 (695)
COC:ade *Haemogregarina varanicola* Johnston & Cleland, 1910; blood; R4 (128, 572, 581, 695, 697)
- Varanus varius*** (White, 1790) [lace monitor]
COC:ade *Hepatozoon breinli* (Mackerras, 1961); blood; R1 (695, 697)
COC:ade *Haemogregarina johnstoni* Mackerras, 1961; blood, liver, heart; R1 (695)
COC:ade *Haemogregarina varanicola* Johnston & Cleland, 1910; blood; R4 (211, 212, 572, 575, 577, 695)
COC:ade *Haemogregarina* sp.; blood; R4 (393, 577, 697)
COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Family: SCINCIDAE [skinks]
- Ablepharus boutonii*** (Macleay, 1877) [callous-palmed shinning-skink]
COC:eim *Eimeria ablephari* Cannon, 1967; faeces, small intestine; R1 (172)
COC:eim *Isoospora ablephari* Cannon, 1967; faeces, intestine; R1 (171)
- Carlia jarnoldae*** Covacevich & Ingram, 1975 [-]
COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Carlia rhomboidalis*** (Peters, 1869) [-]
HEM:hae *Fallisia copemani* Paperna & Landau, 1990; blood; R1 (928, 929, 1048, 1127)
- Carlia vivax*** (De Vis, 1884) [-]
COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Cryptoblepharus virgatus*** (Garman, 1901) [-]
COC:eim *Isoospora cryptoblephari* Finkelman & Paperna, 1994; small intestine; R1 (366)
- Ctenotus severus*** Storr, 1969 [-]
HEM:pir *Babesia* sp.?; blood; R1 (899)
- Ctenotus taeniolatus*** (White, 1790) [copper-tailed skink]
COC:ade *Haemogregarina taeniolati* Mackerras, 1961; blood; R2 (695)
ZOO:kin *Trypanosoma* sp.; blood; R1, R2 (695)
- Egernia cunninghami*** (Gray, 1832) [Cunningham's skink]
COC:ade *Haemogregarina cunninghami* Mackerras, 1961; blood; R1, R2 (695)
COC:ade *Haemogregarina egerniae* Mackerras, 1961; blood; R2 (695)
COC:ade *Haemogregarina obscura* Mackerras, 1961; blood; R2 (695)
HEM:hae *Plasmodium mackerrasae* Telford, 1979; blood; R1 (1048, 1126, 1127)
ZOO:kin *Trypanosoma egerniae* Mackerras, 1961; blood; R1 (695, 1128)
- Egernia major*** (Gray, 1845) [land mullet]
HEM:hae *Plasmodium egerniae* Mackerras, 1961; blood; R1 (40, 387, 695, 1048, 1127)
- Egernia striolata*** (Peters, 1870) [tree skink]
COC:ade *Haemogregarina cunninghami* Mackerras, 1961; blood; R1 (695)
COC:ade *Haemogregarina egerniae* Mackerras, 1961; blood; R1 (695)
HEM:hae *Plasmodium mackerrasae* Telford, 1979; blood; R1 (1048, 1126, 1127)
ZOO:kin *Trypanosoma egerniae* Mackerras, 1961; blood; R2 (695, 1128)
- Egernia whitii*** (Lacepede, 1804) [White's skink]
COC:eim *Eimeria egerniae* Cannon, 1967; faeces, gall bladder; R4 (172)
COC:eim *Isoospora egerniae* Cannon, 1967; faeces, intestine; R4 (171)
HEM:hae *Plasmodium mackerrasae* Telford, 1979; blood (exptl. infection); R1 (1048, 1126, 1127)
- Lampropholis guichenoti*** (Dumeril & Bibron, 1839) [-]
COC:eim *Eimeria lampropholidus* Cannon, 1967; faeces, small intestine; R1 (172)
- Leiopisma challengerii*** Bullinger, 1887 [orange-tailed shade skink]
COC:eim *Eimeria leiopismatis* Cannon, 1967; faeces, small intestine; R1 (172)
- Leiopisma metallicum*** (O'Shaughnessy, 1874) [-]
COC:eim *Sarcocystis* sp.; muscle; RU (833)

- Lygosoma taeniolatum*** White, ex Shaw, 1790 [copper-tailed skink]
 COC:ade *Haemogregarina* sp.; blood; R1 (577, 581)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (577, 581)
- Sphenomorphus quoyii*** (Dumeril & Bibron, 1839) [eastern water skink] syn. *Lygosoma (Hinulia) quoyi*
 COC:ade *Haemogregarina hinuliae* Johnston & Cleland, 1910; blood; R1, R2 (211, 212, 572, 577, 695)
- Tiliqua multifasciata*** Sternfeld, 1919 [centralian blue-tongued lizard]
 COC:eim *Eimeria sternfeldi* McAllister *et al.*, 1993; faeces; zoo (USA) (737)
- Tiliqua occipitalis*** (Peters, 1863) [western blue-tongued lizard]
 COC:eim *Eimeria* sp.; faeces; R1 (899)
- Tiliqua scincoides*** (White, 1790) [eastern blue-tongued lizard]
 COC:ade *Haemogregarina tiliquae* Johnston & Cleland, 1912; blood, R2 (211, 212, 575, 577, 695)
- Trachydosaurus rugosus*** Gray, 1825 [shingleback, stumpy-tailed or sleepy lizard] syn. *Tiliqua rugosa*
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim *Schellackia* sp.; blood; R1 (899)
 HEM:hae *Hemolivia mariae* Smallridge & Paperna, 1997; blood; R5 (1076)
 LOB:amo *Endamoeba* sp.; rectum; R5 (586)
 SPI:cle *Nyctotherus trachysauri* Johnston, 1932; rectum; R5 (586)
 ZOO:kin *Bodo* sp.; rectum; R5 (586)
 ZOO:ret *Copromonas* sp.; rectum; R5 (586)
 ZOO:tri *Trichomonas* sp.; rectum; R5 (586)
- Suborder SERPENTES [snakes]
 Family: BOIDAE [pythons]
- Aspidites melanocephalus*** (Krefft, 1864) [black-headed python]
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Aspidites ramsayi*** (Macleay, 1882) [woma]
 COC:eim *Cryptosporidium* sp.; faeces; R5 (896, 898)
- Bothrochilus childreni*** (Gray, 1842) [Children's python]
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Bothrochilus fuscus*** (Peters, 1873) [water python]
 COC:ade *Haemogregarina fuscus* Lewis, 1913; blood, liver, lung; R8 (665, 695)
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Bothrochilus maculosus*** (Peters, 1873) [spotted python]
 HEM:pir *Babesia* sp.?.; blood; R1 (899)
- Bothrochilus olivaceus*** (Gray, 1842) [olive python]
 COC:ade *Haemogregarina* sp.; blood; R1, R9 (899, 900)
- COC:eim *Schellackia* sp.; blood; R1, R9 (899, 900)
- Chondropython viridis*** (Schlegel, 1872) [green python]
 COC:ade *Haemogregarina pythonis* (Billet, 1895); blood; R1, R2 (695)
- Morelia amethystinus*** (Schneiger, 1801) [amethystine python] syn. *Python amethystinus*
 COC:ade *Haemogregarina amethystina* Johnston, 1909; blood; R1 (211, 566, 570, 572, 577, 581, 695)
 COC:ade *Haemogregarina pythonis* (Billet, 1895); blood; R1, 2 (695)
 COC:ade *Haemogregarina shattocki* Sambon & Seligmann, 1907; blood, liver, lung; RU (695, 1035)
- Morelia spilotes*** (Lacepede, 1804) [carpet & diamond pythons]
 COC:ade *Haemogregarina amethystina* Johnston, 1909; blood; R1 (695)
 COC:ade *Haemogregarina megalocystis* Gilruth *et al.*, 1910; blood; RU (392, 577, 695)
 COC:ade *Haemogregarina moreliae* Johnston, 1909; blood; R7 (211, 565, 570, 572, 577, 695)
 COC:ade *Haemogregarina pococki* Sambon & Seligmann, 1907; blood; R1 (695)
 COC:ade *Haemogregarina pythonis* (Billet, 1895); blood; R1, 2 (695)
 COC:ade *Haemogregarina shattocki* Sambon & Seligmann, 1907; blood, liver, lung; RU, R1, zoo (UK) (211, 212, 565, 570, 572, 575, 577, 581, 695, 1035)
 COC:ade *Haemogregarina* sp.; blood; R1, R4, zoo (UK) (743, 899, 1054)
 COC:eim *Cryptosporidium* sp.; faeces; R5 (896, 898)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim *Sarcocystis pythonis* Tiegs, 1931; muscle; RU (606, 1157)
 COC:eim *Sarcocystis* sp.; faeces, small intestines; R1, R4 (743, 899, 1033)
 HEM:hae *Pirhemocytos* sp.; blood; R1 (695)
 HEM:hae Unidentified haemosporidian; blood; R4 (743)
 LOB:ent *Entamoeba* sp.; faeces; R1 (899)
- Python reticulatus*** (Schneider, 1801) [reticulated python]
 COC:ade *Haemogregarina pythonis* (Billet, 1895); blood; R1, R2 (695)
- Family: COLUBRIDAE [colubrid snakes]
- Boiga irregularis*** (Merrem, 1802) [brown tree snake]
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Boiga fusca*** (Gray, 1842) [brown tree snake]
 COC:ade *Haemogregarina boigae* Mackerras, 1961; blood, liver, lung; R1 (695)

- COC:ade *Haemogregarina mirabilis* Castellani & Willey, 1904; blood, liver, lungs; R1 (695)
 COC:ade *Haemogregarina* sp.; blood; R1 (128, 581)
Dendrelaphis calligastra (Gunther, 1867) [northern tree snake]
 COC:ade *Haemogregarina calligaster* Lewis, 1913; blood; R8, R9 (665, 695)
Dendrelaphis punctulata (Gray, 1826) [common tree snake]
 COC:ade *Haemogregarina dendrophidis* Johnston & Cleland, 1910; blood; R1 (211, 212, 572, 577, 581, 695)
 COC:eim *Caryospora dendrelaphis* Cannon & Rzepczyk, 1974; faeces; R1 (173, 1206)
- Elaphe guttata*** (Linnaeus, 1766) [corn snake]
 COC:eim *Cryptosporidium* sp.; faeces; R2, zoo (Aust.) (125, 1207)
- Elaphe obsoleta*** (Say, 1823) [rat snake]
 COC:eim *Cryptosporidium* sp.; faeces; R2, zoo (Aust.) (125, 1207)
- Stegonotus cucullatus*** (Dumeril, Bibron & Dumeril, 1854) [slaty grey snake]
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
- Stegonotus plumbeus*** (Macleay, 1884) [slaty grey snake]
 COC:ade *Haemogregarina aspidomorphi* Mackerras, 1961; blood, liver, lung; R1 (695)
 COC:ade *Haemogregarina stegonoti* Mackerras, 1961; blood; R1 (695)
- Styporhynchus mairii*** (Gray, 1841) [keelback or freshwater snake] syn. *Amphiesma mairii*, *Tropidonophis mairii*
 COC:ade *Haemogregarina mirabilis* Castellani & Willey, 1904; blood, liver, lungs; R1 (695)
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Family: ELAPIDAE [elapid snakes]
Acanthophis antarcticus (Shaw & Nodder, 1802) [common death adder]
 COC:ade *Haemogregarina* sp.; blood; zoo (UK) (695, 1055)
 COC:eim *Caryospora* sp.; faeces; R1 (899)
 COC:eim *Cryptosporidium* sp.; faeces; R1, R5 (796, 896, 898, 899)
 COC:eim *Eimeria* sp.; faeces, intestines; R1, R5 (743, 899)
- Acanthophis praelongus*** Ramsay, 1877 [northern death adder]
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
- Austrelaps superbis*** (Gunther, 1858) [copperhead]
 COC:eim *Eimeria* sp.; intestines; R5 (743)
 COC:eim *Sarcocystis* sp.; intestines; RU (833)
- Cacophis harriettae*** Krefft, 1869 [white-crowned snake]
 COC:ade *Haemogregarina aspidomorphi* Mackerras, 1961; blood, liver, lung; R1 (695)
- Demansia psammophis*** (Schlegel, 1837) [yellow-faced whip snake, spinifex snake]
 COC:eim *Caryospora demansiae* Cannon, 1967; faeces, intestine; R1 (170, 1206)
 COC:ade *Haemogregarina* sp.; blood; R8 (211, 212, 572, 577, 695)
- Denisonia pallidiceps*** (Gunther, 1858) [little black snake]
 COC:ade *Haemogregarina denisoniae* Mackerras, 1961; blood; R1 (695)
- Denisonia signata*** (Jan, 1859) [marsh snake]
 COC:ade *Haemogregarina denisoniae* Mackerras, 1961; blood; R1 (695)
- Holocephalus stephensii*** Krefft, 1869 [Stephen's banded snake]
 COC:eim *Eimeria* sp.; faeces; R1 (899)
- Notechis ater*** (Krefft, 1866) [black tiger snake]
 COC:eim *Cryptosporidium* sp.; stomach, faeces; R2, zoo (Aust.) (177, 896, 898)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; intestine; RU (836)
 COC:eim *Sarcocystis* sp.; intestines; RU (833)
- Notechis scutatus*** (Peters, 1861) [eastern or mainland tiger snake]
 COC:ade *Haemogregarina aspidomorphi* Mackerras, 1961; blood, liver, lung; R1 (695)
 COC:ade *Haemogregarina bancrofti* Johnston & Cleland, 1912; blood; R1 (695)
 COC:ade *Haemogregarina denisoniae* Mackerras, 1961; blood; R1 (695)
 COC:ade *Haemogregarina shattocki* Sambon & Seligmann, 1907; blood, liver, lung; RU (695)
 COC:eim *Cryptosporidium* sp.; stomach, faeces; R2, zoo (Aust.) (177)
- Oxyuranus microlepidotus*** (McCoy, 1879) [inland taipan]
 COC:eim *Cryptosporidium* sp.; faeces; R5 (896, 898)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
- Oxyuranus scutellatus*** (Peters, 1867) [taipan]
 COC:eim *Cryptosporidium* sp.; faeces; R5, zoo (Aust.) (125, 796, 1207)
 ZOO:tri *Trichomonas* sp.; faeces; zoo (Aust.) (125)
- Pseudechis australis*** (Gray, 1842) [mulga or king brown snake]
 COC:ade *Haemogregarina australis* Mackerras, 1961; blood; R1 (695)
 COC:ade *Haemogregarina bancrofti* Johnston & Cleland, 1912; blood; R1 (211, 212, 575, 577, 581, 695)

- COC:ade *Haemogregarina darwinensis* Lewis, 1913; blood; R8, R9 (665, 695)
 COC:ade *Haemogregarina eidsvoldensis* Mackerras, 1961; blood; R1 (695)
 COC:ade *Haemogregarina pseudechis* Johnston, 1909; blood; R1 (695)
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
 COC:eim *Cryptosporidium* sp.; faeces; R5 (898)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim *Sarcocystis* sp.; faeces; R1 (899)
- Pseudechis guttatus*** De Vis, 1905 [spotted black snake]
 COC:ade *Haemogregarina bancrofti* Johnston & Cleland, 1912; blood; R1 (575, 695)
 COC:ade *Haemogregarina shattocki* Sambon & Seligmann, 1907; blood, liver, lung; RU (695)
 COC:eim *Cryptosporidium* sp.; faeces; R5 (896, 898)
- Pseudechis moretonensis*** De Vis, 1905 [orange-bellied brown snake]
 COC:ade *Haemogregarina bancrofti* Johnston & Cleland, 1912; blood; R1 (575, 577, 581)
- Pseudechis porphyriacus*** (Shaw, 1794) [red-bellied black snake]
 COC:ade *Haemogregarina denisoniae* Mackerras, 1961; blood; R1 (695)
 COC:ade *Haemogregarina pseudechis* Johnston, 1909; blood; R1, R2 (211, 212, 565, 570, 572, 575, 577, 695)
 COC:ade *Haemogregarina* sp.; blood; zoo (UK) (445)
 COC:eim *Cryptosporidium* sp.; faeces, stomach; R2, R5 (743, 746, 1207)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim *Sarcocystis* sp.; intestines; R5 (743)
- Pseudonaja affinis*** Gunther, 1872 [dugite]
 COC:eim *Cryptosporidium* sp.; faeces; R5 (896, 898)
- Pseudonaja nuchalis*** Gunther, 1858 [western brown snake or gwardar]
 COC:eim *Cryptosporidium* sp.; faeces; R5 (896, 898)
 COC:eim *Eimeria* sp.; intestines; R5 (743)
- Pseudonaja textilis*** (Dumeril, Bibron & Dumeril, 1854) [eastern brown snake] syn. *Diemenia textilis*
 COC:eim *Cryptosporidium* sp.; faeces, R5 (896, 898)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (211, 572, 577, 581, 695)
- Tropidechis carinatus*** (Krefft, 1863) [rough-scaled snake]
 COC:eim *Cryptosporidium* sp.; faeces; R5 (898)
- Family: VIPERIDAE [vipers]
- Bitis gabonica*** Duméril, Bibron & Duméril, 1854 [Gaboon viper]
 COC:eim *Cryptosporidium* sp.; faeces; R2, zoo (Aust.) (125, 1207)
- Class: AMPHIBIA [amphibians]
 Order: SALIENTIA [frogs]
 Family: MYOBATRACHIDAE [southern frogs]
- Adelotus brevis*** (Gunther, 1863) [tusked frog]
 OPA:opa *Zelleriella hoytei* Delvinquier, 1987; intestines; R1 (275, 279)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Assa darlingtoni*** (Loveridge, 1933) [pouched frog]
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Crinia signifera*** (Girard, 1853) [-]
 OPA:opa *Protoopalina tenuis* (Raff, 1911); intestines; R2 (768, 979)
- Hyperolia marmorata*** Kefzerstin, 1867 [smooth toadlet]
 OPA:opa *Opalina intestinalis* Raff, 1911; intestines; R2 (979)
 OPA:opa *Opalina tenuis* Raff, 1911; intestines; R2 (979)
- Limnodynastes convexiusculus*** (Macleay, 1877) [marbled frog]
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Zelleriella vivieri* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spiroonucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Limnodynastes dorsalis*** (Gray, 1841) [western banjo frog or pobblebonk]
 LOB:amo *Entamoeba morula* Raff, 1911; large intestine (tadpoles); RU (979)
 OPA:opa *Opalina* sp.; intestine; R2 (209)
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; R2 (768, 979)
 OPA:opa *Protoopalina dorsalis* (Raff, 1912); intestines; R2, R6 (275, 279, 769, 768, 979)
 OPA:opa *Protoopalina jonesi* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279, 978)
 OPA:opa *Zelleriella binucleata* (Raff, 1911); intestines; RU (275, 768, 978)
 OPA:opa *Zelleriella devincki* Delvinquier, 1987; intestines; RU (275, 279)
 SPI:cle *Nyctotherus cordiformis* Ehrenberg, 1833; intestines; R2 (979)
 SPI:cle *Nyctotherus* sp.; gut; R2 (209)

ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:ret *Copromonas subtilis* Dobell, 1908; gut; R1
(978)
ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909);
intestines; RU (276)
ZOO:tri *Tetratrichomonas prowazeki* (Alexeieff,
1909); intestines; RU (276)
ZOO:tri *Trichomastix batrachorum* Dobell, 1908;
large intestine; R1 (978)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)
ZOO:tri *Trichomonas batrachorum* Perty, 1852;
large intestine; R1 (978)

Limnodynastes dumerilii Peters, 1863 [eastern banjo frog]

OPA:opa *Protoopalina acuta* (Raff, 1912);
intestines; RU (279)
OPA:opa *Protoopalina australis* Metcalf, 1923;
intestines; RU (275, 279)
OPA:opa *Protoopalina dorsalis* (Raff, 1912);
intestines; RU (275, 279)
OPA:opa *Protoopalina jonesi* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Protoopalina raffae* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Protoopalina* sp.; intestines; RU (275, 279)
OPA:opa *Zelleriella binucleata* (Raff, 1911);
intestines; RU (275, 279, 978)
OPA:opa *Zelleriella vivieri* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Zelleriella* sp.; intestines; RU (275, 279)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Limnodynastes ornatus (Gray, 1842) [ornate burrowing frog]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall
bladder; R1 (274)
OPA:opa *Protoopalina australis* Metcalf, 1923;
intestines; RU (275, 279)
OPA:opa *Protoopalina hylarum* (Raff, 1911);
intestines; RU (275)
OPA:opa *Protoopalina raffae* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Protoopalina waterloti* Delvinquier, 1987;
intestines; RU (275, 279)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:kin *Trypanosoma clelandi* Johnston, 1916;
blood; R1 (211, 212, 581, 696)
ZOO:kin *Trypanosoma* sp.; blood; R1 (209)
ZOO:tri *Monocercomonas batrachorum* (Dobell,

1908); intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Limnodynastes peronii (Dumeril & Bibron, 1841) [striped marsh frog]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall
bladder; R1, R2 (274)
OPA:opa *Opalina* sp.; intestine; R2 (209)
OPA:opa *Protoopalina australis* Metcalf, 1923;
intestines; RU (275, 279)
OPA:opa *Protoopalina dorsalis* (Raff, 1912);
intestines; RU (275, 279, 768)
OPA:opa *Protoopalina jonesi* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Protoopalina raffae* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Protoopalina* sp.; intestines; RU (275, 279)
OPA:opa *Zelleriella antillensis* (Metcalf, 1914);
intestines (exptl. infection in tadpole); R1 (278)
OPA:opa *Zelleriella binucleata* (Raff, 1911);
intestines; RU (275, 279)
OPA:opa *Zelleriella devincki* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Zelleriella vivieri* Delvinquier, 1987;
intestines; RU (275, 279)
OPA:opa *Zelleriella* sp.; intestines; RU (275, 279)
SPI:cle *Nyctotherus* sp.; gut; R2 (209)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Monocercomonas batrachorum* (Dobell,
1908); intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Limnodynastes salmini Steindachner, 1867 [salmon-striped frog]

OPA:opa *Protoopalina jonesi* Delvinquier, 1987;
intestines; RU (275, 279)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Limnodynastes tasmaniensis Gunther, 1858 [spotted grass frog]

COC:eim *Cryptosporidium* sp.; faeces; R5 (896, 898)
LOB:amo *Entamoeba morula* Raff, 1911; intestines
(tadpoles); RU (979)
MYX:biv *Myxidium immersum* (Lutz, 1889); gall
bladder; R1 (274)
OPA:opa *Protoopalina acuta* (Raff, 1912);
intestines; RU (275, 279)
OPA:opa *Protoopalina australis* Metcalf, 1923;
intestines; RU (275, 279)
OPA:opa *Protoopalina hylarum* (Raff, 1911);
intestines; RU (275, 279)

- OPA:opa *Protoopalina jonesi* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina* sp.; intestines (tadpoles); RU (275, 279)
 OPA:opa *Zelleriella binucleata* (Raff, 1911); intestines; RU (275, 279, 768, 978)
 OPA:opa *Zelleriella camusi* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Zelleriella devincki* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Zelleriella* sp.; intestines (tadpoles); RU (275, 279)
 PHY:eug Unidentified euglenids; intestines; RU (979)
 SPI:cle *Nyctotherus cordiformis* Ehrenberg, 1833; intestines; RU (978)
 SPI:cle *Nyctotherus* sp.; intestines; RU (979)
 ZOO:dip *Spiroucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:kin *Trypanosoma clelandi* Johnston, 1916; blood; R1, R5 (211, 212, 214, 581, 696)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (209)
 ZOO:ret *Copromonas subtilis* Dobell, 1908; gut; R1 (978)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomastix batrachorum* Dobell, 1908; intestines; R1 (978)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:tri *Trichomonas batrachorum* Perty, 1852; intestines; R1 (978)
 ZOO:tri *Trichomonas* sp.; intestines; RU (979)
- Limnodynastes terraereginae*** Fry, 1915 [northern banjo frog]
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina jonesi* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Zelleriella devincki* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spiroucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Mixophyes fasciolatus*** Gunther, 1864 [great barred frog]
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina* sp.; intestines (tadpoles); R1 (275, 279)
 OPA:opa *Zelleriella hoytei* Delvinqvier, 1987; intestines (tadpoles); R1 (275, 279)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestine s; RU (276)
- Mixophyes iteratus*** Straughan, 1968 [giant barred frog]
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Mixophyes schevilli*** Loveridge, 1933 [northern barred frog]
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Neobatrachus centralis*** (Parker, 1940) [trilling frog]
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 ZOO:dip *Spiroucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Neobatrachus pelobatooides*** (Werner, 1914) [humming frog]
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina jonesi* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spiroucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Neobatrachus pictus*** Peters, 1863 [-]
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 ZOO:dip *Spiroucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Pseudophryne bibronii*** Gunther, 1858 [brown toadlet]
 OPA:opa *Protoopalina bibronii* Metcalf, 1940; intestines; R2, R5 (275, 279, 769)
 OPA:opa *Protoopalina jonesi* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina* sp.; intestines; RU (275, 279)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Pseudophryne coriacea*** Keferstein, 1868 [red-backed toadlet]
 OPA:opa *Protoopalina bibronii* Metcalf, 1940; intestines; RU (275, 279)

ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Ranidellabilingua Martin *et al.*, 1980 [-]

OPA:opa *Protoopalina tenuis* (Raff, 1911);
intestines; RU (275, 279)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Monocercomonas batrachorum* (Dobell,
1908); intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Ranidella insignifera (Moore, 1954) [-]

ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)

Ranidellaparinsignifera (Main, 1957) [-]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall
bladder; R1 (274)
OPA:opa *Protoopalina tenuis* (Raff, 1911);
intestines; RU (275, 279)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Ranidella signifera Girard, 1853 [common eastern toadlet]

OPA:opa *Protoopalina tenuis* (Raff, 1911);
intestines; RU (275, 279)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Monocercomonas batrachorum* (Dobell,
1908); intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Ranidella tasmaniensis (Gunther, 1864) [-]

OPA:opa *Protoopalina tenuis* (Raff, 1911);
intestines; R3 (275, 279)

Taudactylus rheophilus Liem & Hosmer, 1973 [-]

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909);
intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Uperoleia laevigata Keferstein, 1867 [-]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall
bladder; R1 (274)
OPA:opa *Protoopalina australis* Metcalf, 1923;
intestines; RU (275, 279)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Monocercomonas batrachorum* (Dobell,
1908); intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Uperoleia marmorata Gray, 1841 [-]

OPA:opa *Protoopalina raffae* Delvinquier, 1987;
intestines; R8 (275, 279)
OPA:opa *Protoopalina tenuis* (Raff, 1911);
intestines; R8 (275, 279)

Family: HYLIDAE [tree frogs]

Cyclorana brevipes (Peters, 1871) [-]

OPA:opa *Protoopalina hylarum* (Raff, 1911);
intestines; RU (275, 279)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines RU (276)

Cyclorana novaehollandiae Steindachner, 1867 [-]

OPA:opa *Protoopalina australis* Metcalf, 1923;
intestines; RU (275, 279)
OPA:opa *Protoopalina hylarum* (Raff, 1911);
intestines; RU (275, 279)
OPA:opa *Protoopalina raffae* Delvinquier, 1987;
intestines; RU (275, 279)
ZOO:dip *Spironucleus elegans* Lavier, 1936;
intestines; RU (276)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

Litoria adelaidensis (Gray, 1841) [slender tree frog]

OPA:opa *Protoopalina adelaidensis* Metcalf, 1923;
intestines; R6 (275, 279, 768)

Litoria aurea (Lesson, 1829) [green and golden bell frog]

syn. *Hyla aurea*
LOB:amo *Entamoeba morula* Raff, 1911; intestines
(adults & tadpoles); RU, R2 (979)
MYX:biv *Myxobolus hylae* Johnston & Bancroft,
1918; genitals; R2 (582)
MYX:biv *Myxobolus* sp.; genitals; R2 (209, 212, 561)
MYX:biv *Myxosporidium* sp.; LU; RU (464)
OPA:opa *Opalina* sp.; rectum, intestine; R2 (209,
212, 491)
OPA:opa *Protoopalina australis* Metcalf, 1923;
intestines; RU (275, 279, 768)
OPA:opa *Protoopalina hylarum* (Raff, 1911);
intestines; RU (275, 279, 768, 978)
OPA:opa *Protoopalina raffae* Delvinquier, 1987;
intestines; RU (279, 978)
OPA:opa *Protoopalina* sp.; intestines; RU (279)
SPI:cle *Nyctotherus cordiformis* Ehrenberg, 1833;
intestines; RU (978)
SPI:cle *Nyctotherus* sp.; intestines; R2 (209, 212)
ZOO:ret *Copromonas subtilis* Dobell, 1908; gut; R1
(978)
ZOO:tri *Trichomastix batrachorum* Dobell, 1908;
intestines; R1 (978)
ZOO:tri *Trichomitus batrachorum* (Perty, 1852);
intestines; RU (276)

ZOO:tri *Trichomonas batrachorum* Perty, 1852;
intestines; R1 (978)

Litoria caerulea (White, 1790) [green tree frog] syn. *Hyla caerulea*

COC:ade *Haemogregarina hylae* Cleland & Johnston, 1910; blood, liver; R1, R2 (209, 211, 212, 214, 581, 696, 1091, 1092)

COC:eim *Hoarella/Octosporella* sp.; faeces; R1 (899)

LIT:ves *Balantidium* sp.; colon; R1 (581, 899)

LOB:amo *Amoeba* sp.; gut; R1 (581)

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)

MYX:biv *Myxidium* sp.; bile ducts, gall bladder; R1 (479)

OPA:opa *Opalina* sp.; intestines; R1, R2 (209, 212, 581)

OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)

OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; RU (275, 279)

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)

OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)

OPA:opa *Protoopalina queenslandensis* Delvinquier, 1987; intestines; RU (275, 279)

OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)

OPA:opa *Protoopalina* sp.; intestines; RU (275, 279)

OPA:opa *Zelleriella antilliensis* (Metcalf, 1914); intestines (exptl. infection in tadpoles); R1 (278)

OPA:opa *Zelleriella hoytei* Delvinquier, 1987; intestines (exptl. infection in tadpoles); R1 (275)

SPI:cle *Nyctotherus* sp.; colon; R1, R2 (209, 212, 581, 900)

ZOO:dip *Giardia agilis* Kunstler, 1882; intestines; RU (276)

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

ZOO:ret *Retortamonas dobelli* (Bishop, 1931); intestines; RU (276)

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)

ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

ZOO:tri *Trichomastix* sp.; gut; R1 (581)

Litoria chloris (Boulenger, 1893) [red-eyed tree frog]

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)

OPA:opa *Protoopalina queenslandensis* Delvinquier, 1987; intestines; RU (275, 279)

OPA:opa *Zelleriella antilliensis* Metcalf, 1914; intestines (exptl. infection in tadpoles); R1 (278)

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)

ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria cyclorhyncha (Boulenger, 1882) [spotted-thighed frog]

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)

ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria dahlü (Boulenger, 1896) [-]

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)

ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria dentata (Keferstein, 1868) [bleating tree frog]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)

OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)

ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria dorsalis Macleay, 1877 [dwarf rocket frog]

OPA:opa *Opalina* sp.; intestines; R2 (212)

SPI:cle *Nyctotherus* sp.; intestines; R2 (212)

Litoria ewingii (Dumeril & Bibron, 1841) [brown tree frog]

OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279, 978)

SPI:cle *Nyctotherus cordiformis* Ehrenberg, 1833; intestines; RU (978)

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

ZOO:ret *Copromonas subtilis* Dobell, 1908; gut; R1 (978)

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)

ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria fallax (Peters, 1880) [eastern dwarf tree frog]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina jonesi* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina singeri* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:pro *Karotomorpha bufonis* (Dobell, 1908) Grasse, 1926; intestines; RU (276)
 ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria gracilentia (Peters, 1869) [dainty green tree frog]

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria inermis (Peters, 1867) [-]

OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279, 943)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria infrafronata (Gunther, 1867) [giant tree frog]

OPA:opa *Protoopalina papuensis* Metcalf, 1923; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

Litoria latopalmata Gunther, 1867 [-]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274)
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria lesueuri (Dumeril & Bibron, 1841) [Lesueur's frog]

syn. *Hyla lesueuri*
 LOB:amo *Entamoeba morula* Raff, 1911; intestines; R2 (979)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274)
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (209, 581, 696)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria moorei (Copland, 1957) [western green and golden bell frog]

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)

Litoria nannotis (Andersson, 1916) [torrent tree frog]

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria nasuta (Gray, 1842) [rocket frog] syn. *Hyla nasuta*

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274)

- OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279, 943)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (47, 209, 581, 696)
 ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria nigrofrenta*** (Gunther, 1867) [-]
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria nyakalensis*** Liem, 1974 [-]
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; R1 (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; R1 (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria pallida*** Davis *et al.*, 1983 [-]
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines, RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria pearsoniana*** (Copland, 1961) [-]
 OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines; RU (275, 279)
- Litoria peronii*** (Tschudi, 1838) [Peron's tree frog] syn.
Hyla peronii
 LOB:amo *Entamoeba morula* Raff, 1911; intestines; RU (979)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274)
 OPA:opa *Opalina* sp.; intestines; R2 (212)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina jonesi* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina queenslandensis* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines; RU (275)
 SPI:cle *Nyctotherus* sp.; intestines; R2 (212)
 ZOO:dip *Giardia agilis* Kunstler, 1882; intestines; RU (276)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:ret *Copromonas subtilis* Dobell, 1908; gut; R1 (978)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomastix batrachorum* Dobell, 1908; intestines; R1 (978)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:tri *Trichomonas batrachorum* Perty, 1852; intestines; R1 (978)
- Litoria raniformis*** (Keferstein, 1867) [-]
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
- Litoria revelata*** Ingram *et al.*, 1982 [-]
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria rheocola*** Liem, 1974 [-]
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)

- ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria rothii*** (De Vis, 1884) [-]
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina queenslandensis* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:pro *Karotomorpha bufonis* (Dobell, 1908); intestines; RU (276)
 ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria rubella*** (Gray, 1842) [desert tree frog]
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279, 943)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina jonesi* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina queenslandensis* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina tronchini* Delvinquier, 1987; intestines; RU (275, 279)
 SPI:cle *Nyctotherus* sp.; faeces; R1, R9 (899, 900)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria serrata*** (Andersson, 1916) [-]
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
- Litoria tornieri*** (Nieden, 1923) [-]
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
- OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria tyleri*** Martin *et al.*, 1979 [-]
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275)
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Litoria verreauxii*** (Dumeril, 1853) [-]
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina tronchini* Delvinquier, 1987; intestines; RU (275)
 OPA:opa *Protoopalina* sp.; intestines; RU (279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
- Nyctimystes dayi*** (Günther, 1897) [Australian lace-lid]
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Family: MICROHYLIDAE [narrow-mouthed toads]
- Cophixalus ornatus*** (Fry, 1912) [-]
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Sphenophryne robusta*** (Fry, 1912) [-]
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Family: RANIDAE ['true' frogs]
- Rana daemeli*** (Steindachner, 1868) [wood frog]
 ZOO:tri *Trichomitrus batrachorum* (Perty, 1852); intestines; RU (276)
- Family: BUFONIDAE ['true' toads]
- Bufo marinus*** (Linnaeus, 1758) [marine or cane toad]
 COC:eim *Isoospora* sp.; large intestine; RU (1087)
 LOB:amo *Hyalodaktylthra renacuajo* (Frenzel, 1892); cloaca (adults & tadpoles), R1, R9 (277, 1087)

LOB:amo *Saccamoeba* sp.; intestines; R1 (384)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274, 277, 1087)
 OLI:mob *Trichodina* sp.; skin (tadpoles), intestines; R1 (277, 1087)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; R1, R9, RU (275, 277, 279, 1087)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU, R1, R9 (275, 277, 279, 1087)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 277, 279, 1087)
 OPA:opa *Protoopalina* sp.; intestines; R1 (384, 1087)
 OPA:opa *Zelleriella antilliensis* (Metcalf, 1914); cloaca; R1, R9 (275, 277, 278, 279, 1087)
 OPA:opa *Zelleriella* sp.; intestines; R1 (277, 384, 1087)
 SPI:cle *Nyctotheroides* sp.; intestines; R1 (277, 384, 1087)
 ZOO:dip *Giardia agilis* Kunstler, 1882; intestines; R1 (276, 277, 1087)
 ZOO:dip *Spiroucleus elegans* Lavier, 1936; intestines; R1, R9 (276, 277, 1087)
 ZOO:dip Unidentified diplomonads; intestines; R1 (384)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); cloaca; R1, R9 (276, 277, 1087)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); cloaca; R1, R9 (276, 277, 1087)
 ZOO:tri *Trichomonas* sp.; intestines; R1 (384)
 ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); cloaca; R1, R9 (276, 277, 1087)
 ZOO:ret *Retortamonas dobelli* (Bishop, 1931); cloaca; R1 (276, 277, 1087)

Family: PIPIDAE

Xenopus laevis (Daudin, 1803) [African clawed frog]
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines (exptl. infection), RU (275)
 OPA:opa *Zelleriella antilliensis* (Metcalf, 1914); intestines (exptl. infection), R1 (278)

Class: AVES
 Order: STRUTHIONIFORMES
 Family: CASUARIIDAE [cassowaries, emus]

Casuaris casuaris (Linnaeus, 1758) [southern cassowary]
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain; RU (1106)

Dromaius novaehollandiae (Latham, 1790) [emu]
 COC:eim *Eimeria* sp.; gut; RU (1106)
 ZOO:dip *Giardia* sp.; gut; RU (1106)
 ZOO:tri *Trichomonas* sp.; gut; RU (1106)

Family: STRUTHIONIDAE [ostriches]

Struthio camelus Linnaeus, 1758 [ostrich]
 UNC:sta *Blastocystis* sp.; faeces; R1 (119, 1100)

Order: CICONIIFORMES
 Family: ACCIPITRIDAE [kites, hawks & eagles]

Accipiter fasciatus (Vigors & Horsfield, 1827) [brown goshawk]
 COC:eim *Sarcocystis* sp.; muscle; RU (446, 833)
 ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989)

Elanus notatus Gould, 1838 [black-shouldered kite]
 COC:eim *Sarcocystis* sp.; muscle; RU (446, 833)

Haliastur girrenera Vieillot, 1817 [white-headed sea-eagle]
 syn. *H. leucosternus*
 HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 694)
 ZOO:kin *Trypanosoma avium* Danilewsky, 1885; blood; R1 (128, 217, 581, 694)

Haliastur indus (Boddaert, 1783) [Brahminy kite]
 HEM:pir *Babesia* sp.; blood; R1 (899)
Pandion haliaetus (Linnaeus, 1758) [osprey]
 COC:eim *Eimeria* sp.; faeces; R1 (899)

Family: ANHINGIDAE [darters]

Anhinga rufa (Daudin, 1802) [darter]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: ARDEIDAE [herons & bitterns]

Ardea novaehollandiae Latham, 1790 [white-faced heron]
 syn. *Notophox novaehollandiae*

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 694)
 ZOO:kin *Trypanosoma notophoxyxis* Breinl, 1913; blood; R1 (128, 217, 581, 694)

Ardeapacifica Latham, 1801 [Pacific heron]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Egretta alba (Linnaeus, 1758) [great egret]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Egretta sacra (Gmelin, 1789) [eastern reef egret, reef heron] syn. *Demigretta sacra*
 ZOO:kin *Trypanosoma notophoxyxis* Breinl, 1913; blood; R9 (694)

Nycticorax caledonicus (Gmelin, 1789) [rufous night heron]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)
 HEM:hae *Leucocytozoon* sp.; heart endothelia; R2 (989)

Family: FALCONIDAE [falcons]

Falco berigora Vigors & Horsfield, 1827 [brown falcon]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

COC:eim *Sarcocystis/Frenkelia* sp.; intestines; RU (833)

Falco cenchroides Vigors & Horsfield, 1827 [Australian kestrel, Nankeen kestrel]

HEM:hae *Haemoproteus* sp.; blood; R1 (899)

Falco hypoleucos Gould, 1840 [grey falcon]

ZOO:kin *Trypanosoma avium* Danilewsky, 1885; blood; R1 (128, 217, 581, 694)

HEM:hae *Plasmodium* sp.; blood; R1 (128, 215, 217, 446, 581, 694)

Family: LARIDAE [gulls, terns & skuas]

Catharacta lonnbergi Mathews, 1912 [skua]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Larus novaehollandiae Stephens, 1826 [silver gull]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); blood; R2 (643)

HEM:hae *Plasmodium* sp.; blood; R2 (446, 694)

Larus pacificus Latham, 1801 [Pacific gull]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: PELECANIDAE [pelicans]

Pelecanus conspicillatus Temminck, 1824 [Australian pelican]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: PHALACROCORACIDAE [cormorants & shags]

Phalacrocorax carbo (Linnaeus, 1758) [great cormorant]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Phalacrocorax melanoleucos (Vieillot, 1817) [little pied cormorant]

HEM:hae *Leucocytozoon vandenbrandeni* Rodhain, 1931; blood; R4 (694)

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Phalacrocorax sulcirostris (Brandt, 1837) [little black cormorant]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Phalacrocorax varius (Gmelin, 1879) [pied cormorant]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: PODICIPEDIDAE [grebes]

Poliiocephalus poliocephalus (Jardine & Selby, 1827)

[hoary-headed grebe]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: PROCELLARIIDAE [fulmars, petrels & allies]

Puffinus tenuirostris (Temminck, 1835) [short-tailed shearwater, Tasmanian mutton bird]

COC:eim *Eimeria serventyi* Pellerdy, 1974; kidney; R3 (167, 446, 808)

Family: SPHENISCIDAE [penguins]

Eudyptula minor (Forster, 1781) [little penguin]

COC:eim Unidentified coccidia; kidney; RU, R2 (31, 904, 990)

HEM:pir *Babesia* sp.?.; blood; R1 (899)

ZOO:kin *Trypanosoma eudyptulae* Jones & Woehler, 1989; blood; R3 (596)

Family: THRESKIORNITHIDAE [ibises & spoonbills]

Platalea flavipes Gould, 1838 [yellow-billed spoonbill]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Threskiornis molucca Cuvier, 1829 [white ibis]

HEM:hae *Haemoproteus* sp.; blood; R1 (899)

Threskiornis spinicollis (Jameson, 1835) [straw-necked ibis]

ZOO:dip *Giardia* sp.; intestines; R6 (380, 751, 752)

Order: ANSERIFORMES [ducks, geese, screamers & allies]

Family: ANSERANATIDAE [magpie geese]

Anseranus semipalmata (Latham, 1798) [magpie goose]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: ANATIDAE [geese, swans & ducks]

Anser anser domesticus Linnaeus 1758 [domestic goose]

COC:eim *Eimeria truncata* (Railliet & Lucet, 1891); kidney; RU (167, 446, 801, 990)

COC:eim *Eimeria* sp.; intestine; RU (801)

HEM:hae *Haemoproteus nettionis* (Johnston & Cleland, 1909); blood; RU (801)

UNC:sta *Blastocystis* sp.; faeces; R1 (1100)

Anas castanea (Eyton, 1838) [chestnut teal] syn. *Nettion castaneum*, *Nettion castaneum*

HEM:hae *Haemoproteus nettionis* (Johnston & Cleland, 1909); blood; R2 (74, 208, 211, 217, 568, 570, 571, 578, 579, 694)

Anas gibberifrons Muller, 1842 [grey teal]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

HEM:hae *Haemoproteus nettionis* (Johnston & Cleland, 1909); blood; R2 (74)

HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); blood; R2 (74)

Anas platyrhynchos Linnaeus, 1758 [mallard, domestic duck]

COC:eim *Cryptosporidium* sp.; trachea, nasal cavity, bursa; R5 (801, 889, 896, 898)

COC:eim Unidentified coccidian; faeces; R2 (1059, 1060)

UNC:sta *Blastocystis* sp.; faeces; R1 (1101, 1100)

UNC:sta Unidentified protozoan; lungs; R2 (989)

Anas superciliosa Gmelin, 1789 [Pacific black duck]

COC:eim *Sarcocystis* sp.; muscle; RU (833)

HEM:hae *Haemoproteus nettionis* (Johnston & Cleland, 1909); blood; R2 (74, 694)

HEM:hae *Plasmodium biziurae* Gilruth *et al.*, 1910; blood; RU (694)

Biziura lobata (Shaw, 1796) [musk duck]

HEM:hae *Plasmodium biziurae* Gilruth *et al.*, 1910; blood; zoo (Aust.) (217, 392, 579, 694)

Chenonetta jubata (Latham, 1801) [maned duck]

HEM:hae *Haemoproteus nettionis* (Johnston & Cleland, 1909); blood; R2 (74)

Cygnus atratus (Latham, 1790) [black swan] syn.

Chenopsis atrata

HEM:hae *Plasmodium biziurae* Gilruth *et al.*, 1910; blood; R1 (215, 216, 217, 446, 581, 694)

Malacorrhynchus membranaceus (Latham, 1801) [pink eared duck]

HEM:hae *Plasmodium biziurae* Gilruth *et al.*, 1910; blood; R1 (694)

Tadorna tadornoides (Jardine & Selby, 1828) [Australian shelduck, chesnut-breasted shelduck] syn. *Casarca tadornoides*

HEM:hae *Haemoproteus nettionis* (Johnston & Cleland, 1909); blood; R2, zoo (UK) (74, 579, 694, 959)

Order: CRACIFORMES

Family: MEGAPODIDAE [mound builders]

Alectura lathami Gray, 1831 [Australian brush turkey]

HEM:hae *Haemoproteus* sp.; blood; R1 (210, 216, 217, 579, 581, 694)

Order: GALLIFORMES

Family: PHASIANIDAE [quails & allies]

Alectoris chukar Gray, 1830 [chukar partridge]

COC:eim *Eimeria adenoides* Moore & Brown, 1951; gut; R2 (989)

ZOO:dip *Hexamita* sp.; gut; RU (446, 1052)

ZOO:tri *Histomonas* sp.; LU; RU (801)

Coturnix coturnix Linnaeus, 1758 [common quail]

ZOO:dip *Hexamita* sp.; gut; RU (446, 1052)

COC:eim *Cryptosporidium* sp.; trachea, nasal cavity, bursa; R2, R5 (167, 673, 801, 889, 989, 1138)

Coturnix (unidentified species)

COC:eim Unidentified coccidian; intestines; RU (990)

ZOO:tri *Histomonas* sp.; LU; RU (990)

Gallus gallus Linnaeus, 1758 [domestic chicken]

COC:eim *Cryptosporidium* sp.; bursa, trachea, faeces (exptl. infection); RU, R5 (801, 889, 1177)

COC:eim *Eimeria acervulina* Tyzzer, 1929; intestines; R1, R2 (17, 167, 431, 601, 786, 801, 869, 870, 1059, 1060)

COC:eim *Eimeria brunetti* Levine, 1942; intestines; RU, R2 (167, 431, 601, 801, 870, 1060)

COC:eim *Eimeria maxima* Tyzzer, 1929; intestines; RU, R2 (167, 431, 454, 601, 801, 870, 1059, 1060)

COC:eim *Eimeria mitis* Tyzzer, 1929; intestines; RU (452, 601, 1060)

COC:eim *Eimeria mivati* Edgar & Seibold, 1964; intestines; RU (801, 1060)

COC:eim *Eimeria necatrix* Johnson, 1930; intestines; RU, R1, R2, R5, R6 (167, 431, 451, 452, 454, 511, 601, 801, 869, 870, 1059, 1060)

COC:eim *Eimeria praecox* Johnson, 1930; faeces, intestines; R2 (601, 801)

COC:eim *Eimeria tenella* (Railliet & Lucet, 1891); caeca, intestines; R2, R3, R6 (17, 25, 26, 27, 76, 167, 431, 451, 452, 454, 511, 601, 801, 804, 869, 870, 1059, 1060)

COC:eim *Eimeria* sp.; faeces; RU (422)

COC:eim *Sarcocystis* sp.; skeletal muscles; R3 (167, 446, 754, 801, 823)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); muscle; RU (167, 801)

ZOO:tri *Tetratrichomonas gallinarum* (Martin & Robertson, 1911); intestines; R2 (167, 801, 1059)

ZOO:tri *Trichomonas gallinae* (Rivolta, 1878); pharynx, oesophagus, crop; R5 (801, 977)

ZOO:tri *Trichomonas* sp.; caeca, crop, oesophagus; R5 (167, 1060)

ZOO:tri *Tritrichomonas eberthi* (Martin & Robertson, 1911); LU; RU (801)

ZOO:tri *Histomonas meleagridis* (Smith, 1895); caeca, liver; R1, R2, R3, R5 (167, 191, 450, 454, 801, 980, 1059, 1005, 1060)

UNC:sta *Blastocystis* sp.; faeces; R1 (119, 185, 1100)

Meleagris gallopavo Linnaeus, 1758 [domestic turkey]

ZOO:dip *Spiroucleus meleagridis* (McNeil *et al.*, 1941); intestines; R2 (73, 167, 1059, 1060)

ZOO:tri *Histomonas meleagridis* (Smith, 1895); intestines, liver; RU, R2, R3, R4, R5 (73, 167, 191, 570, 801, 1059, 1060)

- COC:eim *Eimeria gallopavonis* Hawkins, 1952; intestines; RU (167, 801)
- Pavo cristatus*** Linnaeus, 1758 [peafowl, peacock]
COC:eim *Cryptosporidium* sp.; trachea, conjunctiva; RU (167, 673, 732, 801)
ZOO:dip *Hexamita* sp.; gut; RU (446, 1052)
ZOO:tri *Histomonas meleagridis* (Smith, 1895); liver, intestines; R1, R2, R3 (167, 801, 942, 1059, 1060)
- Phasianus colchicus*** Linnaeus, 1758 [common pheasant]
COC:eim *Cryptosporidium* sp.; trachea, nasal cavity, bursa; R2, R5 (673, 801, 889, 1237)
ZOO:dip *Hexamita* sp.; gut; RU (446, 1052)
ZOO:tri *Histomonas meleagridis* (Smith, 1895); intestines; R2, R5 (167)
- Order: GRUIFORMES
Family: RALLIDAE [rails & allies]
- Fulica atra*** Linnaeus, 1758 [Eurasian coot]
COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Gallinula mortierii*** (Dubois, 1840) [Tasmanian native hen]
syn. *Tribonyx mortierii*
COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Porphyrio porphyrio*** (Linnaeus, 1758) [purple swamphen]
COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Rallus philippensis*** Linnaeus, 1766 [buff banded rail]
COC:eim *Eimeria* sp.; faeces; R1 (899)
- ORDER: COLUMBIFORMES [pigeons, doves & allies]
Family: COLUMBIDAE [pigeons & doves]
- Columba livia*** Gmelin, 1789 [domestic pigeon, feral pigeon]
COC:eim *Eimeria labbeana* Pinto, 1928; intestines; RU, R2 (167, 516, 801)
COC:eim *Eimeria* sp.; intestines, faeces; RU, R1 (899, 990, 1052)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); LU; RU (167)
HEM:hae *Haemoproteus columbae* Kruse, 1890; blood; R6 (694)
HEM:hae *Haemoproteus* sp.; blood; R1 (899)
ZOO:dip *Hexamita* sp.; ileum, caecum, rectum; R2 (446, 447, 989, 1052)
ZOO:tri *Trichomonas gallinae* (Rivolta, 1878); mouth, pharynx, oesophagus, crop; RU, R6 (167, 430, 748, 801, 1060)
ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2, R5 (446, 447, 989, 990, 1052, 1059)
ZOO:tri *Trichomonas eberthi* (Martin & Robertson, 1911); mouth, larynx; RU (167, 430)
- Ducula spilorrhoa*** Gray, 1858 [Torres Strait pigeon]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung, spleen, brain; R4, R6 (463)
- Geopelia humeralis*** (Temminck, 1821) [bar-shouldered dove]
HEM:hae *Leucocytozoon* sp.; liver, heart, kidney; R2 (989)
- Leucosarcia melanoleuca*** (Latham, 1801) [wonga pigeon]
COC:eim *Toxoplasma* sp.; liver, spleen, intestines, lung; R2 (463, 989)
- Ocyphaps lophotes*** (Temminck & Laugier, 1822) [crested pigeon] syn. *Geophaps lophotes*
COC:eim *Hoarella/Octosporella* sp.; faeces; R1 (899)
ZOO:tri *Trichomonas* sp.; gut; RU (446, 447)
- Phaps chalcoptera*** (Latham, 1790) [common bronzewing]
ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989)
- Ptilinopus superbus*** (Temminck, 1810) [superb fruit-dove, purple-breasted fruit pigeon] syn. *Lamprotreron superba*
HEM:hae *Haemoproteus columbae* Kruse, 1890; blood; R1 (128, 217, 581, 694)
- Order: PSITTACIFORMES
Family: PSITTACIDAE [parrots, cockatoos & allies]
- Agapornis*** (unidentified lovebird species)
COC:eim Unidentified coccidian; intestines; RU (990)
- Alisterus scapularis*** (Lichtenstein, 1816) [Australian king-parrot]
HEM:hae *Leucocytozoon* sp.; tissues; zoo (UK) (1216)
- Barnardius semitorquatus*** (Quoy & Gaimard, 1830) [twenty-eight parrot]
HEM:hae *Haemoproteus/Plasmodium* sp.; blood; RU (694)
- Barnardius zonarius*** (Shaw, 1805) [Port Lincoln ringneck]
COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
- Cacatua alba*** Müller, 1776 [umbrella cockatoo, white cockatoo]
COC:eim *Cryptosporidium* sp.; bursa; aviary (USA) (639)
- Cacatua galerita*** (Latham, 1790) [sulphur-crested cockatoo]
COC:eim *Cryptosporidium* sp.; bursa, intestines; aviary (USA) (639)
COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues, zoo (USA) (480)

- HEM:hae *Haemoproteus* sp.; blood; R1 (694)
 ZOO:dip *Giardia* sp.; intestines; R2 (386, 1203)
- Cacatua leadbeateri*** (Vigors, 1831) [pink cockatoo, Major Mitchell cockatoo, Leadbeater's cockatoo]
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
 ZOO:tri *Trichomonas* sp.; crop; RU (1052)
- Callocephalon fimbriatum*** (Grant, 1803) [gang-gang cockatoo]
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
- Eclectus roratus*** (Muller, 1776) [eclectus parrot]
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480, 923)
- Glossopsitta concinna*** (Shaw, 1791) [musk lorikeet]
 ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989)
- Melopsittacus undulatus*** (Shaw, 1805) [budgerigar]
 COC:eim *Cryptosporidium* sp.; trachea, intestines; R5 (349, 885, 889, 896, 898)
 COC:eim *Eimeria dunsingi* Farr, 1960; intestines; R6 (748, 990)
 COC:eim *Eimeria* sp.; intestines; RU (446, 1052)
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
 COC:eim *Sarcocystis* sp.; musculature; R2 (989)
 MIC:mic *Encephalitozoon hellem* Didier *et al.*, 1991; intestines, liver; pet shop (USA) (92)
 ZOO:dip *Giardia psittaci* Erlandsen & Bemrick, 1987; faeces, intestines; RU, R1, pet shops (USA) (332, 333, 334, 363, 616)
 ZOO:dip *Giardia* sp.; intestines; pet shops (USA) (124, 482, 926)
 ZOO:dip *Spiroucleus* sp.; crop; R6 (748)
 ZOO:tri *Trichomonas gallinae* (Rivolta, 1878); crop; R6, pet shops (UK, USA, EUR) (45, 471, 748)
 ZOO:tri *Trichomonas* sp.; pharynx; RU (167, 990, 1051, 1052)
- Neophema pulchella*** (Shaw, 1792) [turquoise parrot]
 HEM:hae *Leucocytozoon* sp.; tissues; zoo (EUR, UK) (1053, 1216)
- Nymphicus hollandicus*** (Kerr, 1792) [cockateil]
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
- Platycercus adelaidae*** Gould, 1840 [Adelaide rosella]
 HEM:hae *Haemoproteus* sp.; blood; R5 (210, 217, 579, 694)
 HEM:hae *Leucocytozoon* sp.; tissues; zoo (UK) (382, 1216)
- Platycercus caledonicus*** (Gmelin, 1788) [green rosella]
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
- Platycercus elegans*** (Gmelin, 1788) [crimson rosella]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung; R1 (463)
 HEM:hae *Leucocytozoon* sp.; various tissues; zoo (EUR, UK) (382, 1053)
- Platycercus eximius*** (Shaw, 1792) [eastern rosella]
 COC:eim *Sarcocystis* sp.; muscle RU (446, 833)
 HEM:hae *Leucocytozoon* sp.; tissues; zoo (EUR, UK) (382, 1053)
- Platycercus icterotis*** (Kuhl, 1820) [western rosella]
 HEM:hae *Leucocytozoon* sp.; tissues; zoo (EUR) (1053)
- Polytelis alexandrae*** Gould, 1863 [Alexandra's parrot]
 HEM:hae *Leucocytozoon* sp.; various tissues; zoo (EUR) (1053)
- Polytelis anthopeplus*** (Lear, 1831) [regent parrot]
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung, liver, spleen; R5 (463)
 HEM:hae *Leucocytozoon* sp.; various tissues; zoo (EUR) (1053)
- Polytelis swainsonii*** (Desmarest, 1826) [superb parrot]
 COC:eim *Toxoplasma* sp.; liver, lung, spleen; R2 (463, 989)
- Probosciger aterrimus*** (Gmelin, 1788) [palm cockatoo]
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
- Psephotus haematonotus*** (Gould, 1837) [red-rumped parrot]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Psephotus varius*** Clark, 1910 [mulga parrot]
 COC:eim *Sarcocystis* sp.; muscle; RU (446, 833)
- Purpureicephalus spurius*** (Kuhl, 1820) [red-capped parrot]
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)
- Trichoglossus chlorolepidotus*** (Kuhl, 1820) [scaly-breasted lorikeet]
 COC:eim *Eimeria* sp.; faeces; R1 (899)
- Trichoglossus haematodus*** (Linnaeus, 1771) [rainbow lorikeet]
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim *Isospora* sp.; faeces; R1 (899)
- Trichoglossus rubritorquis*** Vigors & Horsfield, 1827 [red-collared lorikeet]
 COC:eim *Eimeria* sp.; intestines; RU (446, 1052)
- Trichoglossus*** (unidentified species)
 ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989, 990)

ORDER: COLIIFORMES
Family: CUCULIDAE [cuckoos, koels & coucals]

Eudynamys cyanocephala Latham, 1801 [cuckoo]
HEM:hae *Haemoproteus danilewskyi* Kruse, 1890;
blood; R1 (128, 217, 581)
HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.);
blood; R1 (217)

Eudynamys orientalis (Linnaeus, 1766) [koel]
HEM:hae *Haemoproteus danilewskyi* Kruse, 1890;
blood; R1 (694)

Eudynamys scolopacea (Linnaeus, 1758) [common koel]
HEM:hae *Haemoproteus* sp.; blood; R1 (899)

ORDER: STRIGIFORMES
Family: PODARGIDAE [frogmouths]

Podargus strigoides (Latham, 1801) [tawny frogmouth,
mopoke]
HEM:hae *Haemoproteus* sp.; blood; R1 (694)
HEM:hae *Leucocytozoon caprimulgi* Kerandel, 1913;
blood; R1 (217, 581, 694)
HEM:hae *Leucocytozoon* sp.; blood; R1 (216)
ZOO:tri *Trichomonas* sp.; intestines; R1 (899)

Family: STRIGIDAE [hawk-owls & masked owls]

Ninox boobook Latham, 1801 [boobook owl]
HEM:hae *Haemoproteus noctuae* Celli & San Felice,
1891; blood; R1 (128, 217, 581)
HEM:hae *Haemoproteus* sp.; blood; R1 (208, 211,
212, 216, 217, 579, 581)
ZOO:kin *Trypanosoma* sp.; blood; R1 (128, 217,
581, 694)

Ninox connivens (Latham, 1801) [barking owl]
HEM:hae *Leucocytozoon* sp.; blood; R1 (899)
HEM:hae *Plasmodium* sp.; blood; R1 (899)

Ninox novaeseelandiae (Gmelin, 1788) [southern boobook]
COC:eim *Sarcocystis/Frenkelia* sp.; intestines; RU
(833)
HEM:hae *Haemoproteus noctuae* Celli & San Felice,
1891; blood; R1 (128, 581, 694)
HEM:hae *Leucocytozoon danilewskyi* Ziemann,
1898; blood; R4 (694)
ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2
(989)

Ninox strenua (Gould, 1838) [powerful owl]
COC:eim *Toxoplasma* sp.; liver, lung; R2 (989)
HEM:hae *Haemoproteus noctuae* Celli & San Felice,
1891; blood; R1 (216, 217, 581, 694)

Family: TYTONIDAE

Tyto alba (Scopoli, 1769) [barn owl]
COC:eim *Sarcocystis* sp.; intestines; R3 (824)
COC:eim *Sarcocystis/Frenkelia* sp.; intestines; RU
(833)

Tyto novaehollandiae (Stephens, 1826) [masked owl]
COC:eim *Sarcocystis* sp.; intestines; R3 (824, 842)
COC:eim *Sarcocystis/Frenkelia* sp.; intestines; RU
(833)

ORDER: CORACIIFORMES
Family: HALCYONIDAE [tree kingfishers]

Dacelo novaeguineae (Hermann, 1783) [kookaburra,
laughing jackass, brown kingfisher] syn. *D. gigas*
COC:eim *Sarcocystis* sp.; muscle; RU (446, 833)
HEM:hae *Haemoproteus* sp.; blood; R2 (217, 571,
578, 579, 694, 1232)
HEM:pir *Babesia* sp.; blood; R1 (899)

Family: MEROPIIDAE [bee-eaters]

Merops ornatus Latham, 1801 [rainbow bee-eater]
HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217,
579, 581, 694)

Order: PASSERIFORMES [perching or
songbirds]

Family: MENURIDAE [lyrebirds]

Menura novaehollandiae Latham, 1801 [superb lyrebird]
HEM:hae *Leucocytozoon* sp.; various organs; R2
(487, 989)

Family: HIRUNDINIDAE [swallows & martins]

Hirundo nigricans (Vieillot, 1817) [tree martin] syn.
Petrochelidon nigricans, = *Cecropis nigricans*
COC:eim *Eimeria* sp.; faeces; R1 (899)
COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: PYCNONOTIDAE [bulbuls]

Pycnonotus jocosus (Linnaeus, 1758) [red-whiskered
bulbul]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux,
1908); liver, spleen, muscle; R2 (463)

Family: MUSCICAPIDAE [thrushes & allies]

Colluricincla harmonica (Latham, 1801) [grey shrike-
thrush]
COC:eim *Sarcocystis* sp.; muscle; RU (833)

Microeca fascinans (Latham, 1801) [brown flycatcher, jacky winter]
 ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (210, 216, 217, 579, 581, 694)
 HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694)

Myiagra rubecula (Latham, 1801) [leaden flycatcher] syn. *M. nitida*
 HEM:hae *Haemoproteus* sp.; blood; R2 (208, 211, 212, 217, 571, 578, 579, 694)

Pachycephala melanura Gould, 1842 [mangrove golden whistler, black-tailed whistler]
 ZOO:kin *Trypanosoma* sp.; blood; R1 (217, 694)

Petroica phoenicea Gould, 1837 [flame robin]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)
 HEM:hae *Haemoproteus* sp.; blood; R4 (210, 217, 579, 694)

Zoothera dauma (Latham, 1801) [White's thrush, mountain thrush, ground thrush] syn. *Oreocichla lunulata*, *Geocichla lunulata*
 HEM:hae *Haemoproteus geocichlae* (Cleland & Johnston, 1909); blood; R2 (206, 208, 211, 217, 570, 571, 578, 579)

Family: POMATOSTOMATIDAE [Australian babblers]

Pomatostomus superciliosus (Vigors & Horsfield, 1827) [white-browed babbler] syn. *Pomatorhinus superciliosus*
 HEM:hae *Haemoproteus* sp.; blood; R5 (208, 211, 212, 217, 571, 579, 694)

Family: SYLVIIDAE [Old World warblers]

Megalurus gramineus (Gould, 1845) [little grassbird]
 HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 694)

Family: MALURIDAE [fairy-wrens & allies]

Malurus cyaneus (Latham, 1783) [superb blue wren]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: PARDALOTIDAE [pardalotes]

Aphelocephala leucopsis (Gould, 1840) [southern whiteface]
 HEM:hae *Haemoproteus* sp.; blood; R5 (210, 217, 579, 694)

Gerygone olivacea (Gould, 1838) [white-throated gerygone]
 HEM:hae *Haemoproteus* sp.; blood; R1 (694)

Pardalotus melanocephalus (Gould, 1838) [black-headed pardalote, chip-chip]
 HEM:hae *Haemoproteus* sp.; blood; R1 (210, 216, 217, 581, 694)
 HEM:hae *Leucocytozoon* sp.; blood; R1 (210, 581, 694)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (210, 216, 581, 694)

Pardalotus punctatus (Shaw, 1792) [spotted pardalote]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Pardalotus striatus (Gmelin, 1789) [striated pardalote]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Sericornis frontalis (Vigors & Horsfield, 1827) [white-browed scrubwren]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Family: CLIMACTERIDAE [Australian treecreepers]

Climacteris picumnus Temminck, 1824 [brown treecreeper]
 COC:eim *Lankesterella picummi* Mackerras & Mackerras, 1960; blood; R4 (446, 694)
 HEM:hae *Leucocytozoon* sp.; blood; R4 (694)

Family: MELIPHAGIDAE [honeyeaters]

Acanthogenys rufogularis Gould, 1838 [spiny-cheeked honeyeater]
 HEM:hae *Haemoproteus* sp.; blood; R4 (216, 217, 694)
 HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (216, 217, 694)

Acanthorhynchus tenuirostris (Latham, 1801) [eastern spinebill]
 COC:eim *Isospora* sp.; faeces; R1 (899)

Acanthochaera chrysoptera (Latham, 1801) [little wattlebird, brush wattlebird] syn. *Anellobia chrysoptera*, *A. mellivora*, *A. lunulata*
 HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (217, 579, 581, 694)
 HEM:hae *Leucocytozoon anellobiae* (Cleland & Johnston, 1911); blood; R1 (75, 216, 217, 579, 581, 694)
 ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (75, 208, 211, 212, 579, 581, 694)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (216, 217, 571)

Entomyzon cyanotis (Latham, 1801) [blue-faced honeyeater] syn. *Entomyza cyanotis*
 HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694)

- HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (210, 216, 217, 579, 581, 694)
ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (210, 579, 581, 694)
ZOO:kin *Trypanosoma* sp.; blood; R1 (216, 217)
- Lichenostomus chrysops*** (Latham, 1801) [yellow-faced honeyeater] syn. *Meliphaga chrysops*, *Ptilotis chrysops*
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R2 (206, 208, 211, 216, 217, 570, 571, 578, 579, 694)
ZOO:kin *Trypanosoma* sp.; blood; R4 (216, 217, 694)
- Lichenostomus flavicollis*** (Vieillot, 1817) [yellow-throated honeyeater] syn. *Meliphaga flavicollis*
COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Lichenostomus fuscus*** (Gould, 1837) [fuscous honeyeater, brown honeyeater] syn. *Meliphaga fusca*, *Ptilotis fusca*
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R1 (210, 217, 579, 581, 694)
HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (210, 216, 217, 579, 581, 694)
ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (210, 216, 217, 579, 581, 694)
- Lichenostomus melanops*** (Latham, 1801) [yellow-tufted honeyeater] syn. *Meliphaga melanops*, *M. auricomis*
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; zoo (UK) (694, 960)
- Lichenostomus penicillatus*** (Gould, 1837) [white-plumed honeyeater] syn. *Meliphaga penicillata*, *M. leilavalensis*, *Ptilotis penicillatus*, *Ptilotis leilavalensis*
COC:eim *Eimeria* sp.; intestines; RU (446)
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R4 (694)
HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; R4, zoo (UK) (216, 217, 445)
HEM:hae *Leucocytozoon* sp.; blood; zoo (UK) (445)
ZOO:kin *Trypanosoma* sp.; blood; zoo (UK) (445)
- Lichenostomus plumulus*** (Gould, 1841) [grey-fronted honeyeater, yellow-fronted honeyeater] syn. *Meliphaga plumula*, *Ptilotis plumula*
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R6 (208, 211, 212, 217, 571, 578, 579, 694)
- Lichenostomus virescens*** (Vieillot, 1817) [singing honeyeater] syn. *Meliphaga virescens*, *Ptilotis sonora*
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R5 (210, 217, 579)
- Manorina flavigula*** (Gould, 1839) [yellow-throated miner] syn. *Myzantha flavigula*
HEM:hae *Haemoproteus* sp.; blood; R4 (210, 217, 579, 694)
- Manorina melanocephala*** (Latham, 1801) [noisy miner/minah, soldier bird] syn. *M. garrula*
COC:eim *Isozona* sp.; faeces; R1 (899)
HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694)
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R1 (75)
HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (75, 210, 216, 217, 579, 581, 694)
HEM:hae *Plasmodium vauhani* Novy & MacNeal, 1905; blood; R1 (75)
ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (75)
ZOO:kin *Trypanosoma myzanthae* Mackerras & Mackerras, 1960; blood; R1 (694)
- Melithreptus brevirostris*** (Vigors & Horsfield, 1827) [brown-headed honeyeater]
HEM:hae *Haemoproteus* sp.; blood; R5 (217, 694)
- Melithreptus lunatus*** (Vieillot, 1802) [white-naped honeyeater] syn. *M. atricapillus*
HEM:hae *Haemoproteus* sp.; blood; R2 (208, 211, 212, 571, 578, 579, 694)
- Melithreptus validirostris*** (Gould, 1837) [strong-billed honeyeater]
COC:eim *Sarcocystis* sp.; muscle; RU (833)
HEM:hae *Haemoproteus* sp.; blood; R2 (216, 694)
- Myzomela sanguinolenta*** (Latham, 1801) [scarlet honeyeater, blood-bird]
HEM:hae *Haemoproteus* sp.; blood; R1 (210, 216, 217, 579, 581, 694)
HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (210, 216, 217, 579, 581, 694)
ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (581)
ZOO:kin *Trypanosoma* sp.; blood; R1 (216, 217, 694)
- Philemon corniculatus*** (Latham, 1790) [noisy friarbird, leatherhead] syn. *Tropidorhynchus corniculatus*
HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R1, R2 (128, 206, 208, 210, 211, 217, 570, 571, 578, 579, 581, 694)
HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; R2 (217)
HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (128, 217, 581, 694)
- Phylidonyris novaehollandiae*** (Latham, 1790) [New Holland honeyeater, whiskered honeyeater, yellow-winged honeyeater] syn. *Meliornis novaehollandiae*

HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R2 (206, 208, 211, 217, 570, 571, 578, 579, 694)

Family: NECTARINIIDAE [flowerpeckers, sunbirds]

Dicaeum hirundinaceum (Shaw, 1792) [mistletoe bird]
HEM:hae *Haemoproteus* sp.; blood; R1 (216, 217, 694)

Family: ZOSTEROPIDAE [white-eyes]

Zosterops caeruleus Latham, 1801 [silver-eye, grey-breasted silver-eye] syn. *Z. lateralis*
HEM:hae *Haemoproteus* sp.; blood; R1, R2 (208, 210, 211, 212, 571, 578, 579, 581, 641, 694)
COC:eim *Lankesterella paddae* (Aragao, 1911); blood, zoo (NZ) (446, 694)
COC:eim *Sarcocystis* sp.; muscle; RU (833)
HEM:hae Unidentified haemosporidian; blood; R2 (208, 212)

Family: FRINGILLIDAE [finches]

Serinus canaria Linnaeus, 1758 [canary]
ZOO:tri *Trichomonas* sp.; oesophagus, crop; RU (446, 1052)
COC:eim Unidentified coccidian; intestines; RU (990)
HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); blood (exptl. infection), R1 (643)
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); central nervous system; RU, R2 (167, 667)

Carduelis chloris (Linnaeus, 1758) [European greenfinch]
COC:eim *Eimeria* sp.; intestines; RU (446, 447, 1052)

Family: STURNIDAE [starlings & mynahs]

Sturnus vulgaris Linnaeus, 1758 [common starling]
HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); blood; R2 (446, 641, 694)

Family: PASSERIDAE [sparrows, weavers & allies]

Emblema bella (Latham, 1801) [beautiful firetail] syn. *Staganoplura bella*
COC:eim *Cryptosporidium* sp.; proventriculus; aviary (USA) (94)

COC:eim *Sarcocystis* sp.; muscle; RU (833)

Emblema picta Gould, 1842 [painted firetail] syn. *E. pictum*
ZOO:ret *Cochlosoma* sp.; intestines; R1 (361, 362)

Erythrura gouldiae (Gould, 1844) [Gouldian finch] syn.

Chloebia gouldiae

ZOO:ret *Cochlosoma* sp.; intestines; R1 (362, 698)

Erythrura psittacea Gmelin, 1789 [red-headed parrot finch]

ZOO:ret *Cochlosoma* sp.; intestines; R1 (361, 362)

Erythrura trichroa (Kittlitz, 1883) [blue-faced parrot finch]

ZOO:ret *Cochlosoma* sp.; intestines; R1 (361, 362)

Lonchura punctulata (Linnaeus, 1758) [nutmeg mannikin]

ZOO:ret *Cochlosoma* sp.; intestines; R1 (362)

Neochmia modesta (Gould, 1837) [plum-headed finch] syn.

Aidemosyne modesta

COC:eim *Cryptosporidium* sp.; trachea; R1 (899)

Passer domesticus (Linnaeus, 1758) [house sparrow]

COC:eim *Isospora boxae* Grulet *et al.*, 1982; faeces; R5 (432)

COC:eim *Isospora jacobfrenkeli* Grulet *et al.*, 1985; faeces; R5 (432)

COC:eim *Isospora gonnetae* Grulet *et al.*, 1982; faeces; R5 (432)

COC:eim *Isospora iansmithi* Grulet *et al.*, 1982; faeces; R5 (432)

COC:eim *Isospora miltgeni* Grulet *et al.*, 1982; faeces; R5 (432)

COC:eim *Isospora michaelbakeri* Grulet *et al.*, 1982; faeces; R5 (432)

COC:eim *Isospora mikei* Grulet *et al.*, 1982; faeces; R5 (432)

COC:eim *Isospora spratti* Grulet *et al.*, 1982; faeces; R5 (432)

COC:eim *Isospora* sp.; tissues; R5 (433)

COC:eim *Lankesterella paddae* (Aragao, 1911); blood; R2 (446, 694)

COC:eim *Toxoplasma* sp.; leucocytes; R2 (1059, 641)

HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); blood; R2 (208, 211, 215, 216, 446, 562, 567, 568, 570, 571, 573, 578, 641, 643, 694)

HEM:hae *Plasmodium* sp.; blood; R2, R5 (432, 641)

Taeniopygia bichenovii (Vigors & Horsfield, 1827)

[double-barred finch] syn. *Poephila bichenovii*

ZOO:ret *Cochlosoma* sp.; intestines; R1 (362)

Taeniopygia guttata (Gould, 1837) [zebra finch]

ZOO:ret *Cochlosoma* sp.; intestines; R1 (361, 362, 899)

Family: PTILONORHYNCHIDAE [bowerbirds, birds of paradise]

Chlamydera nuchalis (Jardine & Selby, 1830) [great

bowerbird] syn. *Chlamydodera orientalis*

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 694)

- ZOO:kin *Trypanosoma chlamydoderae* Breinl, 1913; blood; R1 (128, 217, 581)
- Ptilorhynchus violaceus*** (Vieillot, 1816) [satin bowerbird]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); liver, spleen, intestine; R5 (463)
HEM:hae *Haemoproteus* sp.; blood; R2, zoo (UK) (694, 1234)
HEM:hae *Leucocytozoon* sp.; blood; zoo (UK) (694, 1234)
- Sericulus chrysocephalus*** (Lewin, 1808) [regent bowerbird]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); liver, spleen, intestine; R2 (463)
- Family: CORVIDAE [crows, orioles, butcherbirds, currawongs, drongoes, jays & allies]
- Coracina novaehollandiae*** (Gmelin, 1789) [black-faced cuckoo-shrike]
COC:eim *Caryospora* sp.; faeces; R1 (899)
- Corcorax melanorhamphos*** (Vieillot, 1817) [white-winged chough, mutton bird]
HEM:hae *Leucocytozoon sakharoffi* Sambon, 1908; blood; R1 (210, 216, 217, 579, 581, 694)
ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (210, 581)
- Corvus orru*** Bonaparte, 1851 [Torresian crow]
COC:eim *Isoospora* sp.; faeces; R1 (899)
COC:eim *Sarcocystis* sp.; faeces; R1 (899)
HEM:hae *Haemoproteus* sp.; blood; R1 (899)
- Corvus coronoides*** (Vigors & Horsfield, 1827) [Australian raven]
COC:eim *Sarcocystis* sp.; muscle; RU (833)
COC:eim *Toxoplasma* sp.; various tissues; R1 (224)
- Corvus mellori*** Matthews, 1912 [little raven]
COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); LU; RU (167)
- Corvus tasmanicus*** Mathews, 1912 [forest raven]
COC:eim *Sarcocystis* sp.; muscle; RU (833)
- Cracticus destructor*** Temminck, 1824 [butcherbird]
HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581)
- Cracticus nigrogularis*** (Gould, 1837) [pied butcherbird]
COC:eim *Isoospora* sp.; faeces; R1 (899)
HEM:pir *Babesia* sp.?.; blood; R1 (899)
- Cracticus torquatus*** (Latham, 1801) [grey butcherbird]
COC:eim *Isoospora* sp.; faeces; R1 (899)
HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 694)
- Dicrurus hottentottus*** (Linnaeus, 1766) [spangled drongo]
syn. *Chibia bracteata*
HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 694)
- Grallina picata*** Latham, 1801 [peewit, peewee, Australian magpie lark] syn. *G. cyanoleuca*
COC:eim *Eimeria grallinida* Reece, 1989; liver; R2 (988)
HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694)
- Gymnorhina leuconota*** (Gould, 1837) [white-backed magpie] syn. *G. hypoleuca*
COC:eim *Sarcocystis* sp.; muscle; RU (446, 833)
HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; zoo (UK) (579, 694, 959)
- Gymnorhina tibicen*** (Latham, 1801) [Australian magpie, black-backed magpie]
COC:eim *Isoospora* sp.; faeces; R1 (899)
HEM:hae *Haemoproteus* sp.; blood; R4 (694)
HEM:hae *Leucocytozoon* sp.; blood, spleen; R1, R2 (461, 694, 989)
ZOO:kin *Trypanosoma* sp.; blood; R1 (694)
- Oriolus sagittatus*** (Latham, 1801) [olive-backed oriole] syn. *O. sagittarius*
HEM:hae *Haemoproteus* sp.; blood; R1 (210, 579, 581, 694)
HEM:hae *Leucocytozoon* sp.; blood; R1 (210, 216, 579, 581, 694)
ZOO:kin *Trypanosoma* sp.; blood; R1 (210, 216, 579, 581, 694)
- Sphecotheres vieilloti*** Vigors & Horsfield, 1827 [southern figbird]
HEM:hae *Leucocytozoon* sp.; blood; R1 (694)
- Sphecotheres viridis*** Vieillot, 1816 [figbird] syn. *S. maxillaris*, *Oriolus viridis*
COC:eim *Eimeria* sp.; faeces; R1 (899)
HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; RU (217)
HEM:hae *Leucocytozoon anellobiae* (Cleland & Johnston, 1911); blood; R1 (210, 216, 217, 579, 581)
ZOO:kin *Trypanosoma* sp.; blood; RU (217)
- Strepera graculina*** (Shaw, 1790) [pied currawong]
COC:eim *Isoospora* sp.; faeces; R1 (899)
COC:eim *Sarcocystis* sp.; muscle; RU (833)
HEM:hae *Haemoproteus* sp.; blood; R1, R2 (461, 694, 899)
HEM:hae *Leucocytozoon* sp.; blood, skeletal muscle, heart, lung, liver; R2 (461, 694)
HEM:pir *Babesia* sp.; blood; R1 (899)
- Family: OTIDIDAE [bustards]
- Ardeotis australis*** (Gray, 1829) [plain turkey] = *Eupodotis australis*
HEM:hae *Haemoproteus* sp.; blood; R1 (694)

UNKNOWN OR MISNAMED BIRDS

'*Turtur suratensis*' ['Indian dove'] (binomen and common name unknown)

ZOO:tri *Trichomonas* sp.; pharynx, larynx; R2 (453, 1059, 1060)

'Senegal dove' (common name unknown)

ZOO:tri *Trichomonas gallinae* (Rivolta, 1878); crop; R6 (748)

'*Gerygone albogularis*' (binomen unknown)

HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; RU, R1 (216, 217)

'*Zosterops dorsalis*' (binomen unknown)

HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; RU (217)

'*Lonchura domestica*' ['Bengalese finch'] (binomen and common name unknown)

ZOO:ret *Cochlosoma* sp.; intestines; R1 (361, 362, 698)

'*Ailuroedus smithi*' [catbird] (binomen unknown)

HEM:hae *Leucocytozoon* sp.; blood; R1 (217)

Phylum: PISCES

Superclass: GNATHOSTOMATA

Class: CHONDRICHTHYES [cartilaginous fishes]

Subclass: ELASMOBRANCHII [elasmobranchs]

Order: PRISTIOPHORIFORMES

Family: PRISTIOPHORIDAE [saw sharks]

'*Pristiophorus cirratus*' (Latham, 1793) [common saw shark] syn. *Pristis cirratus*

MYX:biv *Chloromyxum pristiophori* Woolcock, 1935; gall bladder; R14 (79, 1255)

Order: HETERODONTIFORMES

Family: HETERODONTIDAE [bullhead sharks, horn sharks, Port Jackson sharks]

'*Heterodontus galeatus*' Günther, 1870 [crested Port Jackson shark]

LOB:amo *Thecamoeba* sp.; gills; aquarium (144, 628, 634, 983)

Order: ORECTOLOBIFORMES [carpet sharks]

Family: HEMISCYLLIIDAE [bamboo sharks, longtail carpet sharks]

'*Hemiscyllium ocellatum*' (Bonnaterre, 1788) [ocellated catshark or epaulette shark] syn. *Squalus ocellatus*

COC:ade *Haemogregarina hemiscyllii* Mackerras & Mackerras, 1961; blood; R21 (79, 137, 658, 696)

MYX:biv *Chloromyxum noblei* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

MYX:biv *Sinuolina lesteri* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

MYX:mul *Kudoa* sp.; muscle; R21 (474)

ZOO:kin *Trypanosoma gargantua* Laird, 1951; blood; R21 (655, 658, 696)

ZOO:kin *Trypanosoma mackerasi* Burreson, 1989; blood; R21 (137, 658)

Order: LAMNIFORMES [mackerel sharks]

Family: ODONTASPIDIDAE [sand tigers, sand sharks, grey nurse sharks]

Odontaspis (unidentified sand-shark species)

COC:ade *Haemogregarina carchariasi* Laveran, 1908; blood; R21 (79, 696)

ZOO:kin *Trypanosoma carchariasi* Laveran, 1908; blood; R21 (79, 640, 696)

Order: RAJIFORMES [rays]

Suborder: MYLIOBATOIDEI

Family: DASYATIDAE [stingrays]

'*Dasyatis kuhlii*' (Müller & Henle, 1841) [blue-spotted ray]

MYX:biv *Chloromyxum* sp.; gall bladder; R13 (669)

'*Taeniura lymma*' (Forsskål, 1775) [blue-spotted fantail ray]

MYX:biv *Chloromyxum noblei* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

ZOO:kin *Trypanosoma taeniurae* Burreson, 1989; blood; R21 (137, 658)

Class: ACTINOPTERYGII

Subclass: NEOPTERYGII

Order: ANGUILLIFORMES

Family: ANGUILLIDAE [freshwater eels]

'*Anguilla australis*' Richardson, 1841 [short-finned eel]

COC:eim *Eimeria anguillae* Leger & Hollande, 1922; intestinal mucosa; R2 (669, 672, 789)

COC:eim *Epieimeria* sp.; gut; RU (858)

COC:eim *Goussia* sp.; faeces, gut; R2 (789)

MYX:biv *Myxidium durum* Hine, 1980; gills; R2 (481)

MYX:biv *Myxidium giardi* Cepede, 1906; kidney, muscles, skin; RU, R2 (227, 669)

MYX:biv *Myxidium* sp.; gills; R2, R3 (481)

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; R4 (79, 140)

ZOO:kin *Trypanosoma granulosum* Laveran & Mesnil, 1909; blood; R2 (669)

'*Anguilla reinhardtii*' Steindachner, 1867 [long-finned or marbled eel] syn. *A. mauritiana*

COC:eim *Epieimeria anguillae* (Leger & Hollande, 1922); intestinal mucosa; R2 (789)

COC:eim *Goussia* sp.; faeces, gut; R2 (789)

- MYX:biv *Myxidium* sp.; gills; R1 (481)
 ZOO:kin *Trypanosoma anguillicola* Johnston & Cleland, 1910; blood; R1, R2 (79, 211, 212, 574, 581, 696)
- Anguilla** (unidentified species)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface, fins; R3 (21, 79)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gill filaments; R4 (32, 79)
 ZOO:kin *Trypanosoma* sp.; blood; RU (628, 634)
 ZOO:kin *Trypanoplasma* sp.; blood; RU (858)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); gill, skin; RU (858)
- Order: CLUPEIFORMES
 Family: ENGRAULIDAE [anchovies]
- Engraulis australis** (Günther, 1868) [southern anchovy]
 MIC:mic Unidentified microsporan; muscle; R18 (636)
 MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscles; R18 (636)
- Family: CLUPEIDAE [herrings, shads, sprats, sardines, pilchards, menhadens]
- Etrumeus teres** (De Kay, 1842) [maray, round herring]
 MIC: Unidentified microsporan; muscle; R18 (636)
- Herklotsichthys castelnaui** (Ogilby, 1897) [silver herring]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13 (669)
 MYX:biv *Coccomyxa meridiei* Lom *et al.*, 1992; gall bladder; R13 (669)
- Hyperlophus vittatus** (Castelnaui, 1875) [sandy sprat, whitebait]
 MIC: Unidentified microsporan; muscle; R18 (636)
- Nematalosa erebi** (Günther, 1868) [bony bream] syn. *N. elongata*
 MYX:biv *Henneguya* sp.; gills; R10 (79, 584, 627)
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R1, R10 (144, 624)
- Sardinella lemuru** Bleeker, 1853 [scaly mackerel]
 MIC:mic Unidentified microsporan; muscle; R18 (636)
 MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscles; R18 (636)
- Sardinops sagax neopilchardus** (Steindachner, 1879) [Australian pilchard]
 MIC: Unidentified microsporan; muscle; R18 (636)
 MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscles; R18 (632, 636, 858)
- Spratelloides robustus** Ogilby, 1897 [blue sprat]
 MIC:mic Unidentified microsporan; muscle; R18 (636)
- MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscles; R18 (636)
- Order: CYPRINIFORMES
 Family: CYPRINIDAE [minnows or carps]
- Barbus** (unidentified species)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin; RU (983)
- Carassius auratus** (Linnaeus, 1758) [golden carp, goldfish] syn. *Cyprinus auratus*
 COC:eim *Epieimeria* sp.; gut; RU (858)
 COC:eim *Goussia carpelli* (Leger & Stankovitch, 1921); intestines; R4 (669, 672)
 LOB:amo Unidentified amoebae; various tissues; RU (858)
 MYX:biv *Hoferellus carasii* Akhmerov, 1960; kidney; RU (858)
 MYX:biv *Hoferellus cyprini* (Doflein, 1898); kidney; RU (627)
 MYX:biv *Myxobolus* sp.; skin; RU (858)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; RU (79, 139, 140, 289, 627, 1026)
 OLI:mob *Trichodina* sp.; gills; R4 (627, 669)
 OLI:ses *Apiosoma campanulata* (Timofeev, 1962); skin; R4 (669)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79, 627)
 ZOO:kin *Cryptobia* sp.; gills; RU, aquaria (858, 983, 984)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); gill, skin; R2, R3 (627, 858, 983)
- Carassius carassius** (Linnaeus, 1758) [Crucian carp] syn. *Cyprinus carassius*
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79)
- Cyprinus carpio** Linnaeus, 1758 [common carp, European carp, golden carp]
 LIT:ple *Pseudoamphileptus macrostoma* (Chen, 1955); feeding on epizoic peritrichs; RU (670)
 MYX:biv *Mitraspora* sp.; kidney; R1, R3, R6 (627)
 MYX:biv *Sphaerospora* sp.; kidney; R1, R3, R4, R6 (627)
- Order: SILURIFORMES
 Family: PLOTOSIDAE [eeltail catfishes]
- Cnidoglanis macrocephalus** Valenciennes, 1840 [estuarine catfish]
 OLI:mob *Trichodina* sp.; gills; RU (aquarium) (983)
- Neosilurus** (unidentified catfish species)
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R10 (624)

Tandanus tandanus Mitchell, 1838 [freshwater catfish]

syn. *Plotosus tandanus*, *Capidoglanus tandanus*
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876;
 body surface; R4 (1061)
 ZOO:kin *Trypanosoma bancrofti* Johnston &
 Cleland, 1910; blood; R1, R4 (34, 79, 211, 212, 574,
 581, 696)

Order: SALMONIFORMES
 Family: SALMONIDAE [trout, salmon,
 whitefishes, graylings]

Salmo gairdneri Richardson, 1836 [rainbow trout] syn. *S. irideus*

LOB:amo *Paramoeba* sp.; gills; R3 (627, 628, 634,
 855, 857)
 MYX:biv *Myxobolus cerebralis* Hofer, 1903;
 cartilage; RU (670)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876;
 body surface, fins; R2, R3, R4, RU (21, 79, 138, 139,
 140, 681, 822)
 OLI:mob *Trichodina* sp.; gills; R3 (857)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills;
 R2, R4 (32, 79)
 ZOO:kin *Ichthyobodo* sp.; gills; R3 (857)

Salmo salar Linnaeus, 1758 [Atlantic salmon]

LOB:amo *Paramoeba pemaquidensis* Page, 1970;
 gills; RU (670)
 LOB:amo *Paramoeba* sp.; gills; R3, R15 (4, 365, 627,
 628, 634, 852, 855, 857, 858, 1022)
 MIC:mic *Pleistophora* sp.; LU; RU (858)
 OLI:hym *Tetrahymena* sp.; fin, tail; RU (858)
 OLI:mob *Trichodina* sp.; gills; R3 (857)
 ZOO:kin *Ichthyobodo* sp.; gills; R3 (857)

Salmo trutta Linnaeus, 1758 [brown trout] syn. *S. fario*

MIC:mic *Ichthyosporidium* sp.; viscera, kidney,
 liver, spleen; R1 (1072)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876;
 body surface; R2, R3, R4 (21, 79, 138, 139, 140)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills;
 R2, R4 (32, 79)

Salmo (unidentified salmonid species)

OLI:mob *Trichodinella* sp.; LU; RU (839)
 PHY:cyr *Chilodonella* sp.; LU; RU (839)
 ZOO:kin *Ichthyobodo* sp.; LU; RU (839)

Family: RETROPINNIDAE [smelts]

Retropinna semoni (Weber, 1895) [Australian smelt] syn.

Prototroctes semoni
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876;
 skin, gills; R4 (1030)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills;
 R2, R4 (32, 79, 1030)

Family: GALAXIIDAE [galaxiids]

Galaxias brevipinnis Günther, 1866 [inangi or climbing galaxias]

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876;
 body surface; R4 (79, 140)

Galaxias maculatus (Jenyns, 1842) [common galaxias] syn. *G. attenuatus*, *G. scriba*

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876;
 body surface; R4 (79, 140)

Galaxias olidus Günther, 1866 [mountain galaxias]

MYX:biv *Myxobolus galaxii* Langdon, 1990; spinal
 cord; R2 (629)

Galaxias (unidentified galaxias)

PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills;
 R2, R4 (32, 79)

Order: AULOPIFORMES

Family: AULOPODIDAE [aulopus]

Aulopus purpurissatus (Richardson, 1843) [Sergeant baker] syn. *Latropiscus purpurissatus*

COC:ade *Haemogregarina aulopi* Mackerras &
 Mackerras, 1925; blood; R14 (684, 696)
 ZOO:kin *Trypanosoma aulopi* Mackerras &
 Mackerras, 1925; blood; R14 (79, 684, 696)

Order: ATHERINIFORMES

Family: MELANOTENIIDAE [rainbowfishes]

Glossolepis incisis Weber, 1908 [New Guinea rainbow fish]

PHY:cyr *Chilodonella* sp.; skin; RU (aquarium)
 (983)

Melanotaenia nigrans (Richardson, 1843) [mauve rainbow-fish, yalgunnda]

PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909);
 gills; R10 (624)

Family: ATHERINIDAE [silversides]

Atherinomorus capricornensis (Woodland, 1961)

[capricorn hardyhead]
 COC:eim *Epieimeria* sp.; gut; RU (858)
 COC:eim Unidentified coccidian; pancreas,
 intestines; R21 (609, 658)
 MYX:biv *Sphaerospora mayi* Moser *et al.*, 1989; gall
 bladder; R21 (658, 802)
 OLI:mob *Trichodina* sp.; LU; R21 (658)

Atherinosoma microstoma (Günther, 1861) [small mouth hardyhead]

MYX:bi v *Zschokkella macrocapsula* Su & White,
 1994; gall bladder; R15 (1110)
 OLI:mob *Trichodina australis* Su & White, 1995;
 gills; R15 (1111)

- Kestratherina brevirostris*** (Pavlov *et al.*, 1988) [short snout hardyhead]
 OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
- Kestratherina esox*** (Klunzinger, 1872) [pike head hardyhead]
 OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
- Kestratherina hepsetoides*** (Richardson, 1843) [small scale hardyhead]
 OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
- Leptatherina presbyteroides*** (Richardson, 1843) [silver fish]
 MYX:biv *Ortholinea striateculus* Su & White, 1994; ureter; R15 (1110)
 MYX:biv *Zschokkella macrocapsula* Su & White, 1994; gall bladder; R15 (1110)
 OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
- Order: CYPRINODONTIFORMES
 Family: POECILIIDAE [livebearers]
- Gambusia holbrooki*** (Girard, 1859) [eastern gambusia]
 COC:eim *Goussia piekarskii* Lom & Dykova, 1995; small intestine; R4 (672)
 COC:eim *Goussia* sp.; intestine; R4 (669)
 OLI:mob *Trichodina* sp.; gills; R4 (669)
 ZOO:dip *Hexamita* sp.; intestine; R4 (669)
- Order: BERYCIFORMES
 Family: TRACHICHTHYIDAE [roughies or slimeheads]
- Hoplostethus atlanticus*** Collett, 1889 [orange roughy]
 MYX:biv *Sphaeromyxa* sp.; gall bladder; R14, R15, R16 (657)
- Order: GASTEROSTEIFORMES
 Family: SYNGNATHIDAE [pipefishes and seahorses]
- Hippocampus abdominalis*** Lesson, 1827 [big-belly seahorse]
 OLI:scu *Uronema* sp.; LU; RU (1223)
- Order: SCORPAENIFORMES
 Family: SCORPAENIDAE [scorpionfishes and rockfishes]
- Centropogon australis*** (White, 1790) [southern fortescue]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13 (669)
- Scorpaenopsis gibbosus*** (Bloch & Schneider, 1801) [false stonefish]
 MYX:biv *Leptothea beveridgei* Moser *et al.*, 1989; gall bladder; R21 (658, 802)
- Family: TRIGLIDAE [searobins, gurnards]
- Chelidonichthys kumu*** (Lesson & Garnot, 1826) [red gurnard, latchet]
 COC:eim Unidentified coccidian; gut; RU (788)
- Family: PLATYCEPHALIDAE [flatheads]
- Platycephalus bassensis*** Cuvier & Valenciennes, 1829 [sand flathead]
 MYX:biv *Myxobolus* sp.; brain; R14 (1020)
- Suggrundus bosschei*** (Bleeker, 1860) [small-eyed flathead]
 MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder; R21 (658, 802)
- Order: PERCIFORMES
 Family: CENTROPOMIDAE [barramundi]
- Lates calcarifer*** (Bloch, 1790) [barramundi, giant perch]
 COC:eim *Cryptosporidium* sp.; intestines; R1 (144, 349, 400, 919, 1207)
 COC:eim *Epieimeria* sp.; gut; RU (858)
 MYX:biv *Henneguya* sp.; gills; R1 (144, 400)
 MYX:mul *Kudoa* sp.; muscles; R1 (629)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; skin, fins; R1, R21 (144, 291, 292, 293, 294, 400, 919)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, fins; R1 (144, 400)
 OLI:mob *Trichodina* sp.; gills; R1 (400, 919)
 PHY:cyr *Chilodonella* sp.; gills; R1 (400, 919)
 ZOO:kin *Cryptobia* sp.; gills; R1 (144, 400, 919)
- Family: SERRANIDAE [sea basses]
- Cephalopholis boenak*** (Bloch, 1790) [brown-barred rockcod]
 MIC:mic Unidentified microsporan; mesentery; R13 (899)
- Epinephelus fasciatus*** (Forsskål, 1775) [black-tipped rock-cod]
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)
- Epinephelus quoyanus*** (Cuvier & Valenciennes, 1830) [longfinned wire netting cod]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13, R21 (658, 802, 899)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290, 293)
- Hypoplectrodes annulata*** (Günther, 1859) [banded sea-perch] syn. *Gilbertia annulata*, *G. semicincta*, *Ellerkeldia annulata*

- COC:ade *Haemogregarina gilbertiae* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)
 ZOO:kin *Trypanosoma pulchra* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)
- Plectropomus leopardus*** (Lacepede, 1802) [leopard coral trout]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13, R21 (658, 802, 899)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (802)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290)
- Family: PERCICHTHYIDAE [temperate perches]
- Maccullochella ikei*** Rowland, 1993 [Clarence River cod]
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R4 (144, 1029, 1030)
- Maccullochella macquariensis*** (Cuvier & Valenciennes, 1829) [trout cod] syn. *M. mitchelli*, *Gryptes macquariensis*
 MYX:biv *Myxosoma* sp.; gills; R4 (35, 1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (1030)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (1030)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79, 1030)
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); skin, gills; R4 (1030)
- Maccullochella peeli*** (Mitchell, 1838) [Murray cod] syn. *Acerina peeli*
 COC:eim *Goussia lomi* Molnar & Rohde, 1988; intestinal mucosa; R4 (628, 634, 789, 858, 951, 1030)
 MYX:biv *Myxosoma* sp.; gills; R4 (35, 1030)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (144, 627, 1030, 1061)
 OLI:hym *Tetrahymena* sp.; skin, gills; R4 (144, 1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (144, 1030)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79, 508, 1030)
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R4 (10, 144, 1030)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); gills; R4 (144, 1030)
- Macquaria ambigua*** (Richardson, 1845) [golden perch, callop, yellow-belly] syn. *Plectroplites ambiguus*
 COC:eim *Eimeria ashburneri* Molnar & Rohde, 1988; intestines; R4 (789, 1030)
 COC:eim *Goussia langdoni* Molnar & Rohde, 1988; intestines; R4 (628, 634, 789, 858, 1030)
- MYX:biv *Henneguya australis* Johnston & Bancroft, 1918; gills; R10 (34, 79, 584, 839, 1030)
 MYX:biv *Henneguya* sp.; gills; R4 (35, 627, 1030)
 MYX:biv *Myxosoma ogilbyi* Johnston & Bancroft, 1918; gills; R10 (79, 584, 1030)
 MYX:biv *Myxosoma* sp.; gills; R4 (35, 1030)
 MYX:biv *Myxobolus plectroplites* Johnston & Bancroft, 1918; gall bladder, kidneys, R1, R10 (79, 120, 584, 1030)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (144, 627, 1030, 1061)
 OLI:hym *Tetrahymena* sp.; skin, gills; R4 (144, 1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (144, 1030)
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); skin, gills; R4 (144, 628, 634, 1030)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); skin, gills; R4 (144, 1030)
- Macquaria australasica*** Cuvier & Valenciennes, 1830 [Macquarie perch, silvereeye]
 COC:eim *Eimeria* sp.; intestines; R4 (33, 35, 79, 839, 983, 1030)
 COC:eim *Epieimeria* sp.; gut; RU (858)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (1030)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79, 1030)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); gills; R4 (1030)
- Macquaria novemaculeata*** (Steindachner, 1866) [Australian bass]
 OLI:hym *Cryptocaryon irritans* Brown, 1951; external surfaces (exptl. infection); R21 (291, 292)
- Family: KUHLIIDAE [flagtails]
- Nannoperca australis*** Gunther, 1861 [pygmy perch]
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79)
- Family: TERAPONIDAE [grunters, tiger perches]
- Amniataba percoides*** (Günther, 1864) [barred grunter]
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R10 (624)
- Bidyanus bidyanus*** (Mitchell, 1838) [silver perch, tcheri]
 COC:eim *Eimeria* sp.; intestines, pyloric caeca; RU (1030)
 COC:eim *Epieimeria* sp.; gut; RU (858)
 MYX:biv *Henneguya* sp.; LU; RU (1030, 627)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (144, 1030, 1061)

OLI:hym *Tetrahymena* sp.; skin, gills; R4 (144, 1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (144, 1030)
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); skin, gills; R4 (144, 1030)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); skin, gills; R4 (144, 628, 634, 858, 1030)

Hephaestus carbo (Ogilby & McCulloch, 1916) [coal grunter, round-tailed grunter] syn. *Therapon carbo*
 MYX:biv *Myxidium therapon* Johnston & Bancroft, 1918; gall bladder; R10 (79, 584)

Leiopotherapon unicolor (Günther, 1859) [spangled perch]
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R10 (624)

Scortum hillii (Castelnau, 1877) [Hills grunter] syn.

Therapon hillii
 MYX:biv *Henneguya gracilis* Johnston & Bancroft, 1918; gill filaments; R10 (79, 584, 627)
 MYX:biv *Myxidium therapon* Johnston & Bancroft, 1918; gall bladder; R10 (79, 584)

Therapon jarbua (Forsskål, 1775) [crescent grunter]
 COC:eim Unidentified coccidian; gall bladder; R21 (658)
 MYX:biv *Leptotheca* sp.; gall bladder; R21 (658, 802)

Family: PERCIDAE [perches]

Perca fluviatilis Linnaeus, 1758 [redfin perch]
 MYX:biv *Triangula percae* Langdon, 1987; brain, R2, R4 (350, 625, 627, 628, 634, 803, 858)

Family: SILLAGINIDAE [whittings, sand smelts]

Sillago analis Whitley, 1943 [golden-lined whiting]
 MYX:mul *Kudoa ciliatae* Lom *et al.*, 1992; intestine; R13 (443)

Sillago ciliata Cuvier & Valenciennes, 1829 [sand whiting]
 COC:eim *Eimeria ciliatae* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)
 COC:eim *Eimeria sillaginis* Molnar & Rohde, 1988; intestinal mucosa; R13, R14 (669, 672, 788)
 COC:eim *Epieimeria* sp.; gut; RU (858)
 COC:eim *Goussia arrawarra* Molnar & Rohde, 1988; intestinal mucosa; R13, R14 (628, 634, 669, 788, 858)
 MYX:mul *Kudoa ciliatae* Lom *et al.*, 1992; intestine; R13 (443, 669)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
 OLI:mob *Trichodina* sp.; gills; R13 (899)
 OLI:scu *Uronema* sp.; skin, muscle; R14 (391)

PHY:din *Crepidoodinium australe* Lom *et al.*, 1993; gills; R13 (671)

PHY:din *Crepidoodinium* sp.; LU; R13 (669)

Sillago maculata Quoy & Gaimard, 1824 [winter whiting]
 MYX:mul *Kudoa ciliatae* Lom *et al.*, 1992; intestine; R13 (443)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)

Family: ECHENEIDAE [remoras, sharksuckers]

Echeneis naucrates Linnaeus, 1758 [suckerfish]
 MYX:biv *Chloromyxum* sp.; gall bladder; R21 (658)

Family: CARANGIDAE [trevallies, darts]

Pseudocaranx dentex (Bloch & Schneider, 1801) [silver trevally]
 COC:eim *Goussia cruciata* (Thelohan, 1892); liver; R14 (672)
 COC:eim *Goussia* sp.; liver; R13 (669)
 COC:eim Unidentified coccidian; intestine; R13 (669)
 MYX:biv *Myxobolus* sp.; liver; R13 (669)

Seriola lalandi Valenciennes, 1833 [yellowtail kingfish] syn. *S. grandis*
 MYX:mul *Kudoa* sp.; muscle; R21 (79, 658, 1017)
 MYX:mul *Unicapsula seriolae* Lester, 1982; muscle; R13 (144, 628, 634, 655, 670, 803, 858)
 MYX:mul *Unicapsula* sp.; muscle; R13 (79)
Trachinotus blochi (Lacepede, 1801) [snub-nosed dart]
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)

Family: CORYPHAENIDAE [dolphinfishes]

Coryphaena hippurus Linnaeus, 1758 [dolphin fish, mahi mahi]
 MYX:mul *Kudoa thyrstites* (Gilchrist, 1924); muscles; R18 (628, 632, 633, 634, 670, 858)
 MYX:biv *Myxidium* sp.; kidney; R18 (633)
 OLI:mob *Trichodina* sp.; gills; R18 (633)
 PHY:din *Dermocystidium* sp.?.; muscle, liver, pancreas; R18 (633)

Family: LUTJANIDAE [snappers and fusiliers]

Lutjanus adetii (Castelnau, 1873) [crimson hussar, yellow-banded hussar] syn. *L. amabilis*
 MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

Lutjanus bohar (Forsskål, 1775) [red bass]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13 (899)

- Lutjanus carponotatus*** (Richardson, 1842) [yellow stripey]
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290)
- Lutjanus russelli*** (Bleeker, 1849) [Moses perch]
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
- Lutjanus*** (unidentified species)
 PHY:din *Amyloodinium* sp.; skin; RU (983)
- Family: GERREIDAE [silver biddys, mojarra]
- Gerres subfasciatus*** (Cuvier, 1830) [silver biddy] syn. *G. ovatus*
 COC:eim *Eimeria nesowai* Lom & Dykova, 1995; intestinal mucosa; R2 (672)
 COC:eim Unidentified coccidian; intestine; R13 (669)
 MYX:biv *Sphaerospora* sp.; kidney; R13 (669)
 MYX:biv *Myxobolus* sp.; kidney; R13 (669)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
 OLI:mob *Trichodina* sp.; gills; R13 (669)
- Family: LETHRINIDAE [emperors, sea breams]
- Gymnocranius audleyi*** Ogilby, 1916 [iodine bream] syn. *Gymnocranius bitorquatus*
 MIC:mic Unidentified microsporid; muscle; R13 (899)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (289, 290, 292, 293, 294)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)
- Lethrinus miniatus*** (Forster in Bloch & Schneider, 1801) [sweetlip emperor, redthroat emperor]
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290)
- Family: SPARIDAE [bream]
- Acanthopagrus australis*** (Günther, 1859) [common marine bream, yellowfin bream]
 COC:eim *Goussia thelohani* Labbe, 1896; liver; R14 (672)
 COC:eim *Goussia* sp.; liver; R13 (669)
 COC:eim Unidentified coccidian; gut; RU (788)
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13 (669)
 MYX:biv *Henneguya* sp.; gill, gut, fin, cornea; R13 (1024)
 MYX:biv *Myxobolus* sp.; liver, gut; R13 (669, 1024)
 MYX:biv *Ortholinea australis* Lom *et al.*, 1992; gall bladder; R13 (669)
- MYX:biv *Sphaerospora* sp.; kidney; R13 (1025)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13, R21 (289, 290, 291, 292, 293, 294)
- Rhabdosargus sarba*** (Forsskål, 1775) [tarwhine]
 COC:eim *Goussia thelohani* Labbe, 1896; liver; R14 (672)
 COC:eim *Goussia* sp.; liver; R14 (669, 788)
 COC:eim Unidentified coccidian; gut; RU (788)
 MYX:biv *Ortholinea australis* Lom *et al.*, 1992; liver; R13 (669)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
 OLI:mob *Trichodina* sp.; gills; R13 (669)
- Sparus*** [unidentified species]
 MYX:biv Unidentified myxozoan; internal organs; R13 (23, 79)
- Family: SCIAENIDAE [drums, croakers]
- Johnius novaehollandiae*** (Cuvier, 1830) [little jewfish] = *J. belangeri* (*J. vogleri* (different fish) synonyms are *J. australis*, *Sciaena australis*)
 MIC:mic *Pleistophora sciaenae* Johnston & Bancroft, 1918; ovary; R13 (79, 584, 627, 858)
- Family: PEMPHERIDAE [sweepers]
- Pempheris compressus*** Shaw, 1790 [smallscale bullseye]
 MYX:biv Unidentified myxozoan; liver; R13 (669)
- Family: KYPHOSIDAE [drummers, sea chubs, rudderfishes]
- Girella tricuspidata*** (Quoy & Gaimard, 1824) [luderick, blackfish]
 MYX:biv *Myxobolus* sp.; pyloric caeca; R13 (669)
 MYX:biv *Henneguya* sp.; gills; R13 (669)
 OLI:mob *Trichodina* sp.; gills; R13 (669)
 OLI:mob *Trichodinella* sp.; gills; R13 (669)
- Family: SCORPIDIDAE [sweeps, stripey]
- Microcanthus strigatus*** (Cuvier & Valenciennes, 1831) [stripey]
 COC:eim *Goussia microcanthi* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)
- Scorpius lineolatus*** Kner, 1865 [silver sweep]
 MYX:biv *Ceratomyxa* sp.; LU; R13 (669)
- Family: SCATOPHAGIDAE [scats]
- Scatophagus argus*** (Linnaeus, 1766) [spotted scat]
 OLI:hym *Cryptocaryon irritans* Brown, 1951; skin; RU (983)

Family: CHAETODONTIDAE [butterflyfishes]

Chaetodon aureofasciatus Macleay, 1878 [golden-striped butterflyfish]
 MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder; R21 (658, 802)
 MYX:biv *Parvicapsula* sp.; kidney; R21 (658)
 MYX:biv Unidentified myxozoan; gall bladder, R21 (802)

Chaetodon plebeius Cuvier & Valenciennes, 1831 [bluespot butterflyfish]
 MYX:biv *Zschokkella heronensis* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

Chaetodon rainfordi McCulloch, 1923 [Rainford's butterflyfish]
 MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder, R21 (658, 802)
 MYX:biv *Myxobolus* sp.; kidney; R21 (658)
 MYX:biv *Ortholinea* sp.; kidney; R21 (658)
 MYX:biv *Ortholinea alata* Kent & Moser, 1990; kidney; R21 (610)

Chaetodon trifasciatus Park, 1797 [redfin butterflyfish]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658, 802)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (802)

Family: CICHLIDAE [cichlids]

Pterophyllum [unidentified angelfish species]
 COC:eim *Cryptosporidium* sp.; gut; RU (aquarium) (627, 628, 634, 858)

Symphysodon [unidentified discus fish species]
 ZOO:dip *Hexamita* sp.; gut, liver, blood, head; RU (aquarium) (627, 983, 984)

Family: POMACENTRIDAE [damselfishes]

Chromis atripectoralis Welander & Schultz, 1951 [black-axil puller]
 MYX:biv *Sinuolinea* sp.; gall bladder; R21 (658, 802)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (802)

Parma microlepis Gunther, 1862 [white-ear]
 COC:eim *Haemogregarina aulopi* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)
 COC:ade *Haemogregarina parmae* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)
 ZOO:kin *Trypanoplasma parmae* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)
 ZOO:kin *Trypanosoma pulchra* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)

Paraglyphidodon melas (Cuvier, 1830) [black damsel]
 OLI:mob *Trichodina* sp.; LU; R21 (658)

Pomacentrus melanochir Russell *et al.*, 1974 [white-tailed damsel] Note: *P. melanochir* not recorded from this region, probable mis-identification of *P. chrysurus* (Cuvier, 1830)
 COC:ade *Haemogregarina* sp.; blood; R21 (137, 658)

Pomacentrus wardi Whitley, 1927 [Ward's damsel]
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)

Family: ARRIPIDAE [Australian salmon, kahawai]

Arripis trutta Whitley, 1949 [Australian salmon]
 MYX:biv *Ceratomyxa arripica* Su & White, 1994; gall bladder; R15 (1110)

Family: GADOPSIDAE [blackfish]

Gadopsis bispinosus Sanger, 1984 [2-spined blackfish]
 MYX:biv *Myxobolus godopsii* Langdon, 1990; muscles, connective tissue; R2, R4 (629)

Gadopsis marmoratus Richardson, 1848 [river blackfish, slippery]
 MYX:biv *Myxobolus godopsii* Langdon, 1990; muscles, connective tissue; R2, R4 (629)
 MYX:biv *Myxosoma* sp.; gills; RU (35)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; R2, R4 (79, 138, 140)
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); skin, gills; R2, R4 (32, 79, 144, 628, 634)

Family: CHEILODACTYLIDAE [morwongs]

Cheilodactylus fuscus Castelnau, 1879 [red morwong]
 COC:eim *Eimeria cheilodactyli* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)
 COC:eim *Eimeria dykova* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)
 COC:eim *Epieimeria* sp.; gut; RU (858)

Family: LATRIDAE [trumpeters]

Latris lineata (Bloch & Schneider, 1801) [Tasmanian trumpeter]
 OLI:scu *Uronema* sp.; muscles; RU (637)

Order: MUGILIFORMES

Family: MUGILIDAE [mulletts, grey mullets]

Aldrichetta forsteri (Cuvier & Valenciennes, 1836) [yellow-eye mullet, freshwater mullet]
 MYX:biv *Myxobolus aldrichetti* Su & White, 1994; gills; R15 (1110)
 MYX:biv *Sphaerospora aldrichettae* Su & White, 1994; gall bladder; R15 (1110)

Mugil cephalus Linnaeus, 1758 [sea mullet]
 MYX:biv *Hemeguya* sp.; gills; R13 (669)
 MYX:biv *Myxidium* sp.; gall bladder; R13 (669)
 MYX:biv *Myxobolus episquamalis* Egusa *et al.*,
 1990; scales, fins; R13 (1021)
 MYX:biv *Myxobolus* sp.; skin, gall bladder,
 intestines; R13, R21 (144, 658, 669, 802)
 MYX:biv Unidentified myxozoan; gall bladder; R21
 (802)

Myxus elongatus Günther, 1861 [sand mullet]
 COC:eim *Eimeria* sp.; pyloric caeca; R13 (669)
 MYX:biv *Sphaerospora* sp.; kidney; R13 (669)
 OLI:mob *Trichodinella* sp.; gills; R13 (669)

Oedalechilus labiosus (Cuvier & Valenciennes, 1836)
 [fringe-lip mullet] syn. *Crenimugil labiosus*
 MYX:biv *Myxobolus* sp.; gall bladder; R21 (658,
 802)

Unidentified mullet species

MYX:biv Unidentified myxozoan; internal organs;
 R13 (23, 79)
 MIC:mic *Ichthyosporidium* sp.; viscera; R1 (1072)

Family: LABRIDAE [wrasses]

Choerodon cyanodus (Richardson, 1843) [blue tuskfish]
 MYX:biv Unidentified myxozoan; gall bladder; R21
 (658, 802)

Choerodon venustus (De Vis, 1884) [Venus tuskfish]
 MIC:mic Unidentified microsporan; liver; R13 (899)
 MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall
 bladder; R21 (658, 802)
 MYX:biv *Zschokkella heronensis* Moser *et al.*, 1989;
 gall bladder; R21 (658, 802)
 OLI:mob *Trichodina* sp.; gill; R13 (899)

Labroides australis Randall, 1981 [southern tubelip]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658,
 802)

Labroides (unidentified species)
 MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658,
 802)

Family: BLENNIIDAE [blennies]

Ecsenius bicolor (Day, 1888) [bicolour blenny]
 COC:ade *Haemogregarina bigemina* Laveran &
 Mesnil, 1901; blood; R21 (137, 658)

Istiblennius meleagris (Cuvier & Valenciennes, 1836)
 [blue-spotted blenny]
 MYX:biv *Myxidium sphaericum* Moser *et al.*, 1989;
 gall bladder; R21 (658, 802)

Parablennius tasmanianus (Richardson, 1849) [Tasmanian
 blenny]
 OLI:scu *Uronema* sp.; LU; RU (1223)

Petroscirtes fallax Smith-Vaniz, 1976 [yellow sabretooth
 blenny]
 MYX:biv *Ceratomyxa rhodei* Moser *et al.*, 1989; gall
 bladder; R21 (658, 802)

Petroscirtes (unidentified species)
 MYX:biv *Myxidium sphaericum* Moser *et al.*, 1989;
 gall bladder; R21 (658, 802)

Salarias fasciatus (Bloch, 1786) [jewelled blenny]
 MYX:biv *Myxidium sphaericum* Moser *et al.*, 1989;
 gall bladder; R21 (658, 802)

Family: CLINIDAE [clinids]

Heteroclinus whiteleggi (Ogilby, 1894) [Whitelegg's
 weedfish]
 MYX:biv *Coccomyxa tenuiparves* Lom *et al.*, 1992;
 gall bladder; R13 (669)
 MYX:biv *Sphaeromyxa* sp.; gall bladder; R13 (669)

Family: CALLIONYMIDAE [dragonets]

Callionymus limiceps Ogilby, 1908 [dragonet]
 MYX:biv *Myxidium* sp.; gall bladder; R13 (899)
 MYX:biv *Zschokkella* sp.; gall bladder; R13 (899)

Family: ELEOTRIDAE [sleepers]

Gobiomorphus australis (Krefft, 1862) [striped gudgeon]
 =*Mogurnda australis*
 PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills;
 R2, R4 (32, 79)

Gobiomorphus gobioides (Cuvier & Valenciennes, 1837)
 [bullie] Note: this species is endemic in New Zealand,
 host may be referable to *G. coxii* Krefft, 1864
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876;
 body surface; R4 (79, 140)

Hypseleotris compressa (Krefft, 1864) [empire gudgeon]
 COC:eim *Goussia callinani* Molnar & Rohde, 1988;
 intestinal mucosa; R2 (628, 634, 789, 858)
 MYX:biv *Myxosoma* sp.; muscle; R2 (984)

Hypseleotris klunzingeri (Ogilby, 1898) [western carp
 gudgeon]
 OLI:ses *Apiosoma* sp.; skin; R4 (1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (1030)
 OLI:mob *Trichodinella* sp.; gills; R4 (669)

Oxyeleotris lineolatus (Steindachner, 1867) [sleepy cod]
 OLI:mob *Trichodina* sp.; LU; RU (aquarium) (144)

Philypnodon grandiceps (Krefft, 1864) [big-headed
 gudgeon]
 COC:eim *Eimeria philypnodoni* Molnar & Rohde,
 1988; intestinal mucosa; R2 (789)

Unidentified gudgeon species

COC:eim *Epieimeria* sp.; gut; RU (858)

- Family: GOBIIDAE [gobies]
 OLI:scu *Uronema nigricans* (Mueller, 1786); brain; R16 (859)
 OLI:scu *Uronema* sp.; LU; RU (858, 1223)
- Nesogobius* sp.** (Last *et al.*, 1983) [-]
 MYX:biv *Sphaeromyxa nesogobii* Su & White, 1994; gall bladder; R15 (1110)
 OLI:mob *Trichodina jadratica* Raabe, 1958; gills; R15 (1111)
 OLI:mob *Trichodina nesogobii* Su & White, 1995; gills; R15 (1111)
- Family: SIGANIDAE [rabbitfishes]
- Siganus fuscescens*** (Houttuyn, 1797) [dusky rabbitfish]
 OLI:mob *Trichodina* sp.; gills; R13 (899)
 LIT:ves *Balantidium* sp.; gut; R13 (899)
- Siganus punctatus*** (Bloch & Schnieder, 1801) [gold-spotted spinefoot] syn. *S. chrysopilos*
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)
- Family: ACANTHURIDAE [surgeonfishes]
- Acanthurus dussumieri*** Cuvier & Valenciennes, 1835
 [Dussumier's surgeonfish]
 ZOO:dip *Hexamita* sp.; intestine; R13 (669)
- Acanthurus nigrofuscus*** Forsskål, 1775 [dusky surgeonfish]
 OPA:opa *Protoopalina* sp.; LU; RU (279)
 OPA:opa *Protoopalina polykineta* Grim & Clements, 1996; intestines; R21 (429)
- Naso tuberosus*** Lacepede, 1802 [humpnose unicornfish]
 LIT:ves *Balantidium jocularum* Grim, 1993; intestines; R21 (428)
- Zebrasoma scopas*** Cuvier, 1829 [brushtail tang]
 LIT:ves *Balantidium zebrascopi* Grim, 1992; intestines; R21 (427)
 SPI:cle *Paracichlidotherus leeuwenhoekii* Grim, 1992; intestines; R21 (127, 427)
- Family: GEMPYLIDAE [snake mackerels]
- Thyrsites atun*** (Euphrasen, 1791) [barracouta] syn. *Scomber atun*, *Leionura atun*
 MIC:mic *Pleistophora* sp.; LU; RU (858)
 MYX:biv *Kudoa thyrsites* (Gilchrist, 1924); muscle; RU, R14, R15 (79, 93, 574, 858, 1027, 1070, 1245)
- Family: SCOMBRIDAE [mackerels and tunas]
- Thunnus maccoyii*** Castelnau, 1872 [southern bluefin tuna]
 MYX:mul *Kudoa* sp.; muscles, nerves; R18 (629, 858)
- Order: PLEURONECTIFORMES
 Family: PLEURONECTIDAE [righteye flounders]
- Rhombosolea tapirina*** Günther, 1862 [greenback flounder]
 MIC:mic Unidentified microsporan; liver; RU (aquarium) (858)
- Order: TETRAODONTIFORMES
 Family: BALISTIDAE [triggerfishes]
- Sufflamen chrysopterus*** (Bloch & Schneider, 1801) [flagtail triggerfish]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658, 802)
 MYX:biv *Myxobolus* sp.; kidney; R21 (658)
- Family: MONACANTHIDAE [filefishes]
- Cantherhines*** (unidentified leatherjacket species)
 =*Monacanthus* sp.
 UNC:sta Unidentified haemoprotozoan; blood; R14 (79, 568, 570, 684)
- Monacanthus chinensis*** Osbeck, 1765 [fan-bellied leatherjacket]
 COC:eim *Eimeria rohdei* Lom & Dykova, 1995; caecal mucosa; R14 (672)
 COC:eim *Eimeria* sp.; pyloric caeca; R13 (669)
 MYX:biv Unidentified myxozoan; urinary bladder; R13 (669)
 ZOO:dip *Hexamita* sp.; intestine; R13 (669)
- Paramonacanthus filicauda*** (Günther, 1880) [threadfin leatherjacket]
 MIC:mic Unidentified microsporan; liver, R13 (899)
- Family: OSTRACIIDAE [boxfishes, cowfishes, trunkfishes]
- Ostracion cubicus*** Linnaeus, 1758 [yellow boxfish]
 MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658, 802)
- Family: TETRAODONTIDAE [puffers]
- Arothron hispidus*** (Linnaeus, 1758) [stars and stripes toadfish] syn. *Tetraodon hispidus*
 COC:ade *Haemogregarina tetraodontis* Mackerras & Mackerras, 1961; blood; R13, R27 (79, 696)
- Marilyna pleurosticta*** (Günther, 1871) [banded toad] syn. *Sphaeroides pleurostictus*
 COC:eim *Eimeria pleurosticti* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)

- Tetractenos glaber*** (Freminville, 1813) [smooth toadfish]
 MYX:biv Unidentified myxozoan; gall bladder; R13 (669)
 OLI:mob *Trichodina* sp.; gills; R13 (669)
- Tetraodon*** (unidentified species)
 COC:eim *Epieimeria* sp.; gut; RU (858)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin; RU (983)
- Tetractenos hamiltoni*** (Richardson, 1843) [Richardson's toadfish, common toad] = *Torquigener hamiltoni* syn. *Spheroides hamiltoni*
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
- Torquigener pleurogramma*** (Regan, 1903) [weeping toadfish] syn. *Spheroides pleurogramma*
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
- Family: DIODONTIDAE [porcupinefishes, burrfishes]
- Diodon hystrix*** Linnaeus, 1758 [porcupine fish]
 COC:ade *Haemogregarina tetraodontis* Mackerras & Mackerras, 1961; blood; R21 (137, 658)
 MYX:biv *Parvicapsula* sp.; kidney; R21 (658)
- Phylum: ARTHROPODA [arthropods]
 Subphylum: CRUSTACEA [crustaceans]
 Order: COPEPODA [copepods]
 Family: CALANOIDAE
- Boeckella triarticulata*** (Thomson, 1883) [copepod]
 MIC:mic *Tuzetia boeckella* Milner & Mayer, 1982; muscles; R4 (778)
- Family: CYCLOPOIDAE
- Apocyclops dengizicus*** (Lepeschkin, 1900)
 MIC:mic *Duboscqia* sp.; LU; R1 (1123)
- Mesocyclops albicans*** (Smith)
 MIC:mic *Amblyospora dyxenoides* Sweeney *et al.*, 1988; LU; R4 (638, 1118, 1119)
- Mesocyclops leuckarti*** (Claus, 1857)
 PHY:eug *Dinema australiense* Michajlow, 1978; eggs, larvae; R1, R2 (770, 771)
 PHY:eug *Dinema rostratum* Michajlow, 1978; eggs, larvae; R1, R2 (770, 771)
 PHY:eug *Dinema rotundum* Michajlow, 1972; eggs; R2 (771)
 PHY:eug *Parastasiella naupliorum* Michajlow, 1972; larvae; R1, R2 (771)
- PHY:eug *Embryocola sulcatus* Michajlow, 1972; larvae; R1, R2 (771)
 PHY:eug *Naupliicola* sp.; larvae; R1, R2 (771)
- Mesocyclops*** (unidentified species)
 MIC:mic *Amblyospora dyxenoides* Sweeney *et al.*, 1988; LU; R4 (1121, 1123)
- Microcyclops varicans*** (Sars, 1863)
 PHY:eug *Dinema* sp.; larvae; R1 (771)
 PHY:eug *Eutrepia parasitica* Michajlow, 1978; larvae; R1 (771)
- Paracalanus indicus*** Wolfenden, 1906
 PHY:din *Syndinium* sp.; coelum; R13 (612, 1068)
- Unidentified cyclopoid species**
 MIC:mic *Amblyospora indocola* Vavra *et al.*, 1984; LU; R1 (1122, 1123)
- Order: MALACOSTRACA [prawns, crabs, woodlice]
 Suborder: ISOPODA [isopods]
 Family: PHREATOICIDAE
- Metaphreaticus australis*** (Chilton, 1891)
 OLI:ses *Operculigera obstipa* Clamp, 1991; pleopods; R4 (195)
- Synamphisopus ambiguus*** (Sheard, 1936)
 OLI:ses *Setonophrys communis* (Kane, 1965); exoskeleton; R4 (15, 607)
- Suborder: DECAPODA [decapods]
 Family: TRAPEZIIDAE [coral crabs]
- Trapezia septata*** Dana, 1852 [honeycomb coral crab] syn. *T. aerolata*
 PHY:din *Haematodinium australis* Hudson & Shields, 1994; gill, blood; R13 (502, 1068)
- Trapezia cymodoce*** (Herbst, 1799) [blue coral crab] syn. *T. coerulea*
 PHY:din *Haematodinium* sp.; gill; R13 (502)
- Family: PORTUNIDAE [crabs]
- Portunus pelagicus*** (Linnaeus, 1766) [sand crab]
 COC:eim *Aggregata* sp.; connective tissues; R13 (1067)
 GRE:eug *Nematopsis* sp.; foregut; R13 (1067)
 MIC:mic *Ameson* sp.; muscles, blood, ovaries; R13 (1067)
 MIC:mic *Thelohania* sp.; foregut; R13 (1067)
 OLI:ses *Operculariella* sp.; gills; R13 (1067)
 OLI:scu *Paranophrys* sp.; haemolymph; R13 (1067)
 PHY:din *Hematodinium australis* Hudson & Shields, 1994; blood; R21 (503, 506, 1067, 1068)
 PHY:din *Hematodinium* sp.; haemolymph; R13 (505)
 PHY:end *Acineta* sp.; gills; R13 (1067)

Scylla serrata (Forsskål, 1755) [mud crab, mangrove crab]

PHY:din *Haematodinium australis* Hudson & Shields, 1994; blood; R13 (503, 504, 1068)

OLI:ses *Epistylis* sp.; gills; R13 (504)

PHY:end *Acineta* sp.; gills; R13 (504)

Family: PENEIDAE [prawns]

Metapenaeus macleayi (Haswell, 1879) [eastern school prawn]

OLI:apo *Synophrya hypertrophica* Chatton & Lwoff, 1926; gills; R1 (659)

Penaeus esculentus Haswell, 1879 [tiger prawn]

MIC:mic *Ameson nelsoni* (Sprague, 1950); muscles; R21 (918, 919)

MIC:mic *Thelohania duorara* Iverson & Manning, 1959; LU; R21 (10)

Penaeus japonicus Bate, 1888 [Karuma prawn]

OLI:ses *Cothurnia* sp.; gills; R1 (501)

OLI:ses *Lagenophrys* sp.; gills; R1 (501)

OLI:ses *Zoothamnium* sp.; gills; R1 (501)

PHY:end *Acineta* sp.; gills; R1 (501)

PHY:exo *Ephelota* sp.; gills; R1 (501)

Penaeus latisulcatus Kishinouye, 1896 [western king prawn]

MIC:mic *Agmasoma penaei* (Sprague, 1950);

muscles, connective tissue; R21 (10, 921)

MIC:mic *Thelohania duorara* Iverson & Manning, 1959; muscles, connective tissue; R21 (918, 919)

Penaeus longistylus Kubo, 1943 [redspot king prawn]

MIC:mic *Agmasoma penaei* (Sprague, 1950);

muscles, connective tissue; R21 (10, 921)

MIC:mic *Thelohania duorara* Iverson & Manning, 1959; muscles, connective tissue; R21 (918, 919)

Penaeus merguensis de Man, 1888 [banana prawn]

MIC:mic *Ameson nelsoni* (Sprague, 1950); muscles; R21, R27 (918, 919)

MIC:mic *Thelohania duorara* Iverson & Manning, 1959; muscles; R21 (10, 921)

Penaeus monodon Fabricius, 1798 [giant tiger prawn]

OLI:ses *Epistylis* sp.; gills; R1 (921)

OLI:ses *Rhabdostyla* sp.; gills; R1 (921)

OLI:ses *Vorticella* sp.; gills; R1 (921)

Penaeus plebejus Hess, 1865 [eastern king prawn]

OLI:apo *Synophrya hypertrophica* Chatton & Lwoff, 1926; gills; R1 (10, 659)

OLI:apo Unidentified apostome ciliate; gills; RU (919)

Penaeus semisulcatus de Haan, 1844 [green tiger prawn]

MIC:mic *Agmasoma penaei* (Sprague, 1950); muscles, connective tissue; R21 (921)

MIC:mic *Ameson nelsoni* (Sprague, 1950); muscles; R21, R27 (918, 919)

MIC:mic *Thelohania duorara* Iverson & Manning, 1959; muscles, connective tissue; R21 (10, 918)

Penaeus (unidentified species)

OLI:ses *Cothurnia* sp.; exoskeleton; R1 (659)

OLI:ses *Epistylis* sp.; exoskeleton; R1 (659)

OLI:ses *Vorticella* sp.; exoskeleton; R1 (659)

OLI:ses *Zoothamnium* sp.; exoskeleton; R1 (659)

Family: PALAEOMONIDAE [long-arm shrimps]

Macrobrachium rosenbergii (de Man, 1879) [giant river prawn]

MIC:mic *Thelohania* sp.; muscle; RU (920)

Macrobrachium (unidentified species)

OLI:ses *Cothurnia* sp.; exoskeleton; RU (945)

OLI:ses *Epistylis* sp.; exoskeleton; RU (945)

OLI:ses *Vaginicola* sp.; exoskeleton; RU (945)

OLI:ses *Zoothamnium* sp.; exoskeleton; RU (945)

PHY:end *Acineta* sp.; exoskeleton; RU (945)

PHY:exo *Podophyra* sp.; exoskeleton; RU (945)

PHY:end *Tokophyra* sp.; exoskeleton; RU (945)

Family: PARASTACIDAE [freshwater crayfishes]

Cherax albidus Clark, 136 [white yabby]

MIC:mic *Vavraia parastacida* Langdon, 1991; muscles; R6 (635)

OLI:ses *Lagenophrys occulosa* Kane, 1965; gills; R2 (607)

OLI:ses *Lagenophrys willisi* Kane, 1965; gills; R2 (607, 794)

OLI:ses *Setonophrys communis* (Kane, 1965); gills, cuticle; R2 (195, 607, 794)

OLI:ses *Setonophrys lingulata* (Kane, 1965); gills; R4 (195)

OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (195, 607, 794)

Cherax depressus Riek, 1951 [orange fingered yabby]

OLI:ses *Setonophrys lingulata* (Kane, 1965); gills; R1 (195)

Cherax destructor (Clark, 1936) [inland yabbie]

MIC:mic *Thelohania* sp.; muscles; R2, R4, R5 (10, 175, 179, 492, 508, 627, 772, 773, 800, 893, 920, 945)

MIC:mic *Pleistophora* sp.; muscle; R5 (893)

OLI:ses *Cothurnia* sp.; gills, pleopods; R5 (893)

OLI:ses *Epistylis variabilis* Stiller, 1942; gills, pleopods; R5 (893)

OLI:ses *Epistylis* sp.; gills, pleopods; R5 (175, 893)

OLI:ses *Lagenophrys darwini* Kane, 1965; gills, pleopods; R5 (893)
 OLI:ses *Lagenophrys occulosa* Kane, 1965; gills; R2 (175, 607, 772, 920, 945)
 OLI:ses *Lagenophrys spinosa* Kane, 1965; cuticle, gills; R2, R5 (175, 607, 772, 794, 893, 920, 945)
 OLI:ses *Lagenophrys willisi* Kane, 1965; gills, pleopods; R2, R5 (175, 607, 772, 794, 893, 920, 945)
 OLI:ses *Setonophrys communis* (Kane, 1965); cuticle, gills; R2, R4, R5 (175, 195, 607, 773, 794, 893)
 OLI:ses *Setonophrys lingulata* (Kane, 1965); pleopods, gills; R2, R4, R5 (175, 195, 607, 794, 893)
 OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (175, 195, 607, 772, 794, 945)
 OLI:ses *Pyxicola bicalceata* Kane, 1964; gills; RU (175, 920, 945)
 OLI:ses *Pyxicola carter* Kent, 1882; pleopods; R5 (893)
 OLI:ses *Pyxicola jacobi* Kane, 1964; gills; RU (175, 773, 920, 945)
 OLI:ses *Pyxicola pusilla* Wrzesniewski, 1870; pleopods; R5 (893)
 OLI:ses *Vaginicola ampulla* Stokes, 1886; gills, pleopods; R5 (893)
 OLI:ses *Vaginicola* sp.; gills, pleopods; R5 (893)
 OLI:ses *Vorticella calciformis* Kahl, 1933; gills, pleopods; R5 (893)
 OLI:ses *Vorticella convallaria* Linnaeus, 1758; gills, pleopods; R5 (893)
 OLI:ses *Vorticella flexulosa* Nenninger, 1948; gills, pleopods; R5 (893)
 OLI:ses *Vorticella jaerae* Precht, 1935; gills, pleopods; R5 (893)
 OLI:ses *Vorticella* sp.; gills, pleopods; R5 (893)
 PHY:end *Acineta tuberosa* Ehrenberg, 1833; pleopods, gills; R5 (893)
 PHY:end *Acineta fluviatilis* Stokes, 1885; pleopods, gills; R5 (893)
 PHY:end *Tokophrya cyclopus* (Claprede & Lachmann, 1859); pleopods, gills; R5 (893)

Cherax quadricarinatus (von Martens, 1868) [redclaw]

MIC:mic *Thelohania* sp.; muscle; R1 (aquaria, USA) (10, 175, 472, 473, 492, 627, 800, 920, 945, 1062)
 MIC:mic *Vavraia* sp.; LU; RU (175)
 MIC:mic *Vavraia parastacida* Langdon, 1991; muscles; R1 (630, 631)
 OLI:hym *Tetrahymina pyriformis* (Ehrenberg, 1830); systemic infection; R1 (323)
 OLI:ses *Epistylis* sp.; exoskeleton; R1 (10, 11, 175, 472, 794, 920)

OLI:ses *Lagenophrys darwini* Kane, 1965; gills; R8 (175, 607, 794, 920, 945)
 OLI:ses *Lagenophrys* sp.; gills; R1 (10, 175, 472, 794)
 OLI:ses *Setonophrys communis* (Kane, 1965); gills; R8, R9 (175, 195, 607, 794, 920, 945)
 OLI:ses *Vorticella* sp.; exoskeleton; R1 (10, 175, 472, 794, 920)
 OLI:ses *Zoothamnium* sp.; exoskeleton; R1 (10, 11, 175, 472, 794, 920, 945)

Cherax quinquecarinatus (Gray, 1845) [gilgy]

MIC:mic *Thelohania* sp.; muscles; R6 (10, 492, 627, 631, 800, 920)
 MIC:mic *Vavraia parastacida* Langdon, 1991; muscles; R6 (630, 631)
 OLI:ses *Lagenophrys deserti* Kane, 1965; gills; R6 (607)

Cherax rotundus Clark, 1941 [rotund crayfish]

OLI:ses *Lagenophrys bispinosa* Kane, 1965; pleopods; R2 (607)
 OLI:ses *Lagenophrys occulosa* Kane, 1965; gills; R2 (607)
 OLI:ses *Lagenophrys willisi* Kane, 1965; gills; R2 (607, 794)
 OLI:ses *Setonophrys communis* (Kane, 1965); gills; R2, R4 (195, 607)
 OLI:ses *Setonophrys lingulata* (Kane, 1965); gills; R2 (195, 607, 794)
 OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (195, 607, 794)

Cherax tenuimanus (Smith, 1912) [marron]

MIC:mic *Thelohania* sp.; LU; RU (175)
 MIC:mic *Microsporidium* sp.; LU; RU (10)
 MIC:mic *Vavraia parastacida* Langdon, 1991; muscles; R6 (630, 631, 635)
 MIC:mic *Vavraia* sp.; LU; RU (175)
 OLI:ses *Cothurnia* sp.; gills, pleopods; R5 (175, 893)
 OLI:ses *Epistylis variabilis* Stiller, 1942; gills, pleopods; R5 (893)
 OLI:ses *Epistylis* sp.; exoskeleton, gills; R1, R5 (10, 175, 472, 794, 893, 920, 1210)
 OLI:ses *Lagenophrys darwini* Kane, 1965; gills, pleopods; R5 (893)
 OLI:ses *Lagenophrys deserti* Kane, 1965; gills; R6 (175, 607, 794)
 OLI:ses *Lagenophrys spinosa* Kane, 1965; cuticle, gills; R5 (893)
 OLI:ses *Lagenophrys willisi* Kane, 1965; gills, pleopods; R5 (893)
 OLI:ses *Pyxicola carteri* Kent, 1882; pleopods; R5 (893)
 OLI:ses *Pyxicola pusilla* Wrzesniewski, 1870; pleopods; R5 (893)

- OLI:ses *Setonophrys communis* (Kane, 1965); cuticle, gills; R5 (195, 893)
 OLI:ses *Setonophrys lingulata* (Kane, 1965); pleopods, gills; R5 (195, 893)
 OLI:ses *Vaginicola ampulla* Stokes, 1886; gills, pleopods; R5 (893)
 OLI:ses *Vaginicola* sp.; gills, pleopods; R5 (893)
 OLI:ses *Vorticella calciformis* Kahl, 1933; gills, pleopods; R5 (893)
 OLI:ses *Vorticella convallaria* Linnaeus, 1758; gills, pleopods; R5 (893)
 OLI:ses *Vorticella flexulosa* Nenner, 1948; gills, pleopods; R5 (893)
 OLI:ses *Vorticella jaerae* Precht, 1935; gills, pleopods; R5 (893)
 OLI:ses *Vorticella* sp.; exoskeleton, gills; R1, R5 (10, 472, 794, 893, 920, 945)
 OLI:ses *Zoothamnium* sp.; exoskeleton; R1 (10, 175, 472, 794, 920, 945)
 PHY:end *Acineta tuberosa* Ehrenberg, 1833; pleopods, gills; R5 (893)
 PHY:end *Acineta fluviatilis* Stokes, 1885; pleopods, gills; R5 (893)
- Engaeus fultoni*** Smith & Schuster, 1913
 OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (195, 607)
- Engaeus hemicirratulus*** Smith & Schuster, 1913 syn. *Austroastacus hemicirratulus*
 OLI:ses *Lagenophrys engaei* Kane, 1965; gill filaments; R2, R3 (607, 794)
- Engaeus quadrimanus*** Clark, 1936 syn. *Engaeus marmoratus*
 OLI:ses *Setonophrys communis* (Kane, 1965); gills; R2 (195)
- Engaeus victoriensis*** Smith & Schuster, 1913
 OLI:ses *Lagenophrys engaei* Kane, 1965; gills; R2, R3 (607, 794)
- Engaeus*** (unidentified species)
 OLI:ses *Setonophrys communis* (Kane, 1965); exoskeleton; R2, R3 (195, 607, 794)
 OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (195, 607, 794)
- Euastacus armatus*** (Von Martens, 1966) [Murray crayfish] syn. *E. serratus*
 OLI:ses *Setonophrys communis* (Kane, 1965); gills, exoskeleton; R4 (195, 607, 794)
- Euastacus nobilis*** (Dana, 1852) [noble crayfish]
 OLI:ses *Setonophrys communis* (Kane, 1965); exoskeleton; R2 (195, 607, 794)
 OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (195, 607, 794)
- Euastacus*** (unidentified species)
 OLI:ses *Lagenophrys dungogi* Kane, 1965; gills; R2 (607, 794)
- Geocharax falcata*** Clarke, 1941
 OLI:ses *Lagenophrys rugosa* Kane, 1965; gills; R2 (607, 794)
 OLI:ses *Setonophrys seticola* (Kane, 1965); pleopods; R2 (195)
 OLI:ses *Setonophrys tricorniculata* Clamp, 1991; pleopods; R2 (195)
- Parastacoides tasmanicus*** (Erichson, 1846)
 OLI:ses *Lagenophrys petila* Clamp, 1994; gills, pleopods; R3 (196)
- Unidentified freshwater crayfish species**
 OLI:ses *Lagenophrys* sp.; gills; RU (465)
 OLI:ses *Pyxidium* sp.; gills; RU (465)
- Family: PALINURIDAE [marine crayfish, spiny lobsters]
- Panulirus ornatus*** (Fabricius, 1798) [ornate spiny lobster]
 MIC:mic Unidentified microsporan; musculature; R27 (282)
- Panulirus cygnus*** George, 1962 [western rock lobster]
 MIC:mic Unidentified microsporan; musculature; R18 (282)
- Family: ALPHEIDAE [snapping shrimp]
- Alpheus*** (unidentified species)
 UNC:sta Unidentified ciliate; gills; R21 (658)
- Family: HIPPOLYTIDAE [shrimps]
- Saron marmoratus*** (Nobili, 1904)
 OLI:apo Unidentified apostome ciliate; gills; R21 (658)
 GRE:eug Unidentified gregarine; intestine, rectum; R21 (658)
- Family: PILUMNIDAE [hairy crabs]
- Unidentified pilumnid species**
 OLI:ses *Zoothamnium* sp.; gills; R21 (658)
- Family: XANTHIDAE [dark-fingered reef crabs]
- Leptodius sanguineus*** (Edwards, 1834)
 OLI:ses *Epistylis* sp.; gills; R21 (658)
- Class: ARACHNIDA [arachnids]
 Order: ACARINA [ticks, mites]
 Family: IXODIDAE [hard ticks]
- Amblyomma limbatum*** Neumann, 1899 [reptile tick]
 HEM:hae *Hemolivia mariae* Smallridge & Paperna, 1997; intestines; R5 (1076)
- Aponomma trimaculatum*** (Lucas, 1878) [reptile tick]
 COC:ade *Haemogregarina varanicola* Johnston & Cleland, 1910; intestine; R1 (128, 581)

Boophilus microplus (Canestini, 1887) [cattle tick] syn. *B.*

australis

HEM:pir *Babesia* sp.; LU; R1 (1059)

HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); gut, haemolymph, Malpighian tubules, ova, salivary glands; LU; R1, RU (145, 149, 153, 259, 261, 264, 581, 645, 709, 711, 999)

HEM:pir *Babesia bovis* (Babes, 1888); gut, ova, salivary glands, haemolymph; R1 (256, 260, 262, 264, 709, 711, 714, 717, 721, 902, 1000, 1014, 1103)

Haemaphysalis longicornis Neumann, 1901 [bush tick, NZ cattle tick]

HEM:pir *Theileria* sp.; LU; R1 (1001)

Haemaphysalis bancrofti Nuttall & Warburton, 1915

[wallaby tick]

HEM:pir *Theileria mutans* (Theiler, 1906); LU; R1 (1105)

HEM:pir *Theileria* sp.; LU; R1 (1001)

Class: INSECTA [insects]

Order: BLATTODEA [cockroaches]

Family: BLATTIDAE [cockroaches]

Periplaneta australasiae Fabricius, 1775 [house cockroach]

SPI:cle *Nyctotherus* sp.; LU, R1 (581)

Family: BLABERIDAE [wood cockroaches]

Panesthia cribrata Saussure, 1864 [wood cockroach]

ZOO:hyp Unidentified hypermastigids; midgut, hindgut; RU, R2 (1056, 1071)

Order: ISOPTERA [termites]

Family: KALOTERMITIDAE [drywood termites]

Calotermes insularis (Walker, 1853) [Note: binomen not found – probably *Neotermes insularis* (Walker, 1853) syn. *Termes insularis*]

ZOO:tri *Devescovina striata* Foa, 1904; gut; RU (1113)

ZOO:tri *Pseudodevescovina uniflagellata* Sutherland, 1933; gut; RU (1113)

ZOO:tri *Stephanonympha silvestrii* Janicki, 1915; gut; RU (1113)

Calotermes iridipennis Froggatt, 1896 [Note: binomen not found – probably *Glyptotermes iridipennis* Froggatt, 1897]

ZOO:hyp *Trichonympha chattoni* Duboscq & Grasse, 1924; hindgut; R1 (317)

ZOO:dip *Hexamitus termitis* Grassi, 1917; hindgut; R1 (317)

ZOO:tri *Devescovina hilli* Duboscq & Grasse, 1926; hindgut; R1 (317)

Bifiditermes improbus (Hagen, 1858) syn. *Calotermes*

condonensis, *C. oldfieldi*

ZOO:hyp *Staurojoenina assimilis* Kirby, 1926; gut; RU (1113)

ZOO:pyr Unidentified oxymonads; gut; RU (1113)

ZOO:tri *Devescovina striata* Foa, 1904; gut; RU (1113)

Family: RHINOTERMITIDAE [subterranean termites]

Coptotermes acinaciformis Froggatt, 1898

GRE:eug Unidentified gregarine; coelum; R1 (507)

ZOO:hyp *Holomastigotoides mirabile* Grassi, 1917; gut; RU (1113)

ZOO:hyp *Pseudotrichonympha hertwigi* Grassi, 1917; gut; RU (1113)

ZOO:hyp *Spirotrichonympha flagellata* Grassi, 1917; gut; RU (1113)

Coptotermes frenchi Hill, 1932 syn. *C. flavus*

ZOO:hyp *Holomastigotoides mirabile* Grassi, 1917; gut; RU (1113)

ZOO:hyp *Pseudotrichonympha hertwigi* Grassi, 1917; gut; RU (1113)

ZOO:hyp *Spirotrichonympha flagellata* Grassi, 1917; gut; RU (1113)

Coptotermes lacteus (Froggatt, 1898)

ZOO:hyp Unidentified hypermastigids; hindgut; RU, R2 (336, 485, 879, 1071)

Family: MASTOTERMITIDAE [giant termite]

Mastotermes darwiniensis Froggatt, 1896 [giant termite]

SPI:cle *Nyctotherus termitis* Dobell, 1910; gut; RU (1113)

ZOO:hyp *Deltotrichonympha nana* Cleveland, 1966; hindgut; R8 (1208)

ZOO:hyp *Deltotrichonympha operculata* Sutherland, 1933; hindgut; R8 (1113, 1208)

ZOO:hyp *Koruga bonita* Cleveland, 1966; hindgut; R8 (1208)

ZOO:hyp Unidentified hypermastigids; hindgut; RU (1071, 1208)

ZOO:tri *Mixotricha paradoxa* Sutherland, 1933; hindgut; R8 (1113, 1208)

Family: TERMOPSIDAE [dampwood termites]

Porotermes adamsoni Froggatt, 1897 syn. *P. grandis*

ZOO:hyp *Joenina pulchella* Grassi, 1917; gut; RU (1113)

ZOO:hyp *Spirotrichonympha grandis* Sutherland, 1933; gut; RU (1113)

ZOO:hyp *Spirotrichonympha mirabilis* Grassi, 1917; gut; RU (1113)

ZOO:hyp *Spirotrichonymphella pudibunda* Grassi, 1917; gut; RU (1113)
 ZOO:hyp *Trichonympha magna* Grassi, 1917; gut; RU (1113)
 ZOO:tri *Pseudotrypanosoma giganteum* Grassi, 1917; gut; RU (1113)
 ZOO:tri *Pseudotrypanosoma minimum* Sutherland, 1933; gut; RU (1113)

Stolotermes victoriensis Hill, 1921

LOB:amo Unidentified tetramitids; gut; RU (1113)
 ZOO:hyp *Spirotrichosoma capitata* Sutherland, 1933; gut; RU (1113)
 ZOO:hyp *Spirotrichosoma obtusa* Sutherland, 1933; gut; RU (1113)
 ZOO:tri Unidentified trichomonads; gut; RU (1113)

Order:: ORTHOPTERA [grasshoppers, locusts, katydids, crickets]
 Family: ACRIDIDAE [locusts, grasshoppers]

Austroicetes cruciata Saussure, 1888 [small plague grasshopper]

LOB:amo *Malameba locustae* (King & Taylor, 1936); Malpighian tubules; R5 (269)

Chortoicetes terminifera (Walker, 1870) [plague locust]

LOB:amo *Malameba locustae* (King & Taylor, 1936); Malpighian tubules; R5 (269)

Pardillana limbata (Stal, 1878) [grasshopper]

LOB:amo *Malameba locustae* (King & Taylor, 1936); haemocoel, Malpighian tubules; R4 (335)

Family: GRYLLIDAE [crickets]

Pteronemobius (unidentified cricket species)

LOB:amo *Malameba locustae* (King & Taylor, 1936); Malpighian tubules; R4 (335)

Order: LEPIDOPTERA [butterflies, moths]
 Family: HEPIALIDAE [ghost moths, swift moths]

Oncopera alboguttata Tindale, 1933 [Ebor grass grub]

MIC:mic *Vavraia oncooperae* (Milner & Beaton, 1977); muscle, fat bodies, connective tissues; R2, R4 (723, 774, 775, 776, 777)

Oncopera intricata Walker, 1856 [corbie]

GRE:neo *Mattesia* sp.; larvae; R3 (1270)

Oncopera rufobrunnea Tindale, 1933 [underground grass grub]

GRE:neo *Mattesia* sp.; larvae; R3 (1270)
 MIC:mic *Vavraia oncooperae* (Milner & Beaton, 1977); muscle, fat bodies, connective tissues; R2, R3, R4 (723, 774, 775, 776, 777, 1270)

Oncopera tindalei Common, 1966 [Tindale's grass grub]

MIC:mic *Nosema* sp.; LU; R2 (775, 1270)

Family: PYRALIDAE [pyralid moths]

Samea multiplicalis (Guenée, 1854) [moth]

MIC:mic *Nosema* sp.; LU; R1 (779)

Order: DIPTERA [true flies]
 Family: CULICIDAE [mosquitoes]

Aedes australis (Erichson, 1842) [saltwater mosquito] syn.

A. concolor

HEM:hae *Plasmodium* sp.; midgut, salivary glands; R2 (641)

Aedes vigilax (Skuse, 1889) [saltmarsh mosquito]

MIC:mic *Duboscqia aediphaga* Kettle & Piper, 1988; larval fat bodies; R1 (611)

MIC:mic *Microsporidium lotaensis* Kettle & Piper, 1988; larval fat bodies; R1 (611)

Anopheles amictus Edwards, 1921 [anopheline mosquito]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

Anopheles annulipes Walker, 1856 [common Australian anopheline]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685, 1006, 1088, 1089)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1006, 1088, 1089)

Anopheles bancrofti Giles, 1902 [black Australian anopheline]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1089)

Anopheles farauti Laveran, 1902 [Australian malaria mosquito]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

Anopheles hilli Woodhill & Lee, 1944 [anopheline mosquito]

HEM:hae *Plasmodium falciparum* Welch, 1897; gut (exptl. infection); R1 (685)

MIC:mic *Duboscqia* sp.; larval fat bodies; R1 (1123)

Anopheles meraukensis Venhuis, 1932 [anopheline mosquito]

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); gut (exptl. infection); R1 (90, 685)

- Anopheles punctulatus** Dönitz, 1901 [anopheline mosquito]
 HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (22, 194, 342, 344, 687, 688, 690, 1006, 1088, 1089)
 HEM:hae *Plasmodium malariae* (Feletti & Grassi, 1889); LU; R1 (1089)
 HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (22, 194, 342, 344, 687, 688, 1006, 1088, 1089)
 ZOO:kin *Pleuromonas jaculans* Perty, 1852; gut; R1 (687)
- Anopheles stigmaticus** Skuse, 1889 [anopheline mosquito]
 HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685)
 HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1089)
- Culex annulirostris** Skuse, 1889 [common banded mosquito]
 MIC:mic *Amblyospora dyxenoides* Sweeney *et al.*, 1988; oenocytes, fat bodies; R4 (638, 1118, 1119, 1120, 1121)
- Culex australicus** Dubrotworsky & Drummond, 1953 [culicine mosquito]
 MIC:mic *Amblyospora* sp.; fat bodies; R4 (1123)
- Culex quinquefasciatus** Say, 1823 [brown house mosquito]
 syn. *C. fatigans*
 HEM:hae *Plasmodium* sp.; gut; R2 (641, 694)
 HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); salivary glands (exptl. infection); R1 (643)
 COC:ade *Hepatozoon breinli* (Mackerras, 1961); haemocoel; R1 (697)
- Culex halifaxii** Theobald, 1903 [culicine mosquito]
 MIC:mic *Amblyospora trinus* Becnel & Sweeney, 1996; larval fat bodies; R1 (71)
- Culex sitiens** Wiedemann, 1828 [saltmarsh culex]
 MIC:mic *Amblyospora indocola* Vavra *et al.*, 1984; fat bodies; R1 (611, 1122, 1123)
- Family: CERATOPOGONIDAE [biting midges]
- Culicoides nubeculosus** Macfie, 1758
 HEM:hae *Hepatocystis levinei* Landau *et al.*, 1985; gut, salivary glands (exptl. infection); R1 (623)
- Family: MUSCIDAE [house flies]
- Musca domestica** Linnaeus, 1758 [common housefly]
 ZOO:kin *Leptomonas muscae-domesticae* Burnett, 1906; LU; R1, R2 (581)
- Family: CALLIPHORIDAE [blow flies]
- Calliphora augur** (Fabricius, 1775) [lesser brown blowfly, blue-bodied blowfly] syn. *C. oceaniae*
 =*Anastellorhina augur*
 ZOO:kin *Leptomonas muscae-domesticae* Burnett, 1906; LU; R1 (581)
- Calliphora stygia** (Fabricius, 1782) [eastern golden-haired blowfly] syn. *Pollenia stygia*, *C. villosa*
 ZOO:kin *Leptomonas muscae-domesticae* Burnett, 1906; LU; R1 (581)
- Lucilia cuprina** (Wiedemann, 1830) [green bottle fly, sheep blowfly]
 MIC:mic *Octosporea muscaedomesticae* Flu, 1911; midgut; R5 (226, 1075)
- Order: HYMENOPTERA [ants, bees, wasps]
 Family: FORMICIDAE [ants]
- Myrmecia pilosula** (Smith, 1858)
 GRE:eug Unidentified gregarine; body cavity; R2, R4 (237)
- Phylum: ECHINODERMATA [echinoderms]
 Class: CRINOIDEA [sea lilies]
- Oligometra serripinna** (Carpentier, 1881) [crinoid]
 HAP:hap *Haplosporidium comatulae* Haye *et al.*, 1984; haemal space; R21 (620)
- Phylum: ANNELIDA [segmented worms]
 Class: OLIGOCHAETA [earthworms]
 Family: TUBIFICIDAE [sludge worms]
- Doliodrilus diverticulatus** Erseus, 1985
 ACT:act *Sphaeractinomyxon ersei* Hallett *et al.*, 1998; coelum, intestines; R13 (444)
- Class: HIRUDINEA [leeches]
 Family: HAEMADIPSIDAE
- Chtonobdella limbata** Grube, 1866
 ZOO:kin *Trypanosoma* sp.; crop, R1 (996)
- Phylum: MOLLUSCA [molluscs]
 Class: GASTROPODA [snails, slugs, abalone, limpets, etc]
 Order: ARCHEOGASTROPODA
 Family: HALIOTIDAE [abalones]
- Haliotis cyclobates** Peron, 1816 [whirling abalone]
 PHY:din *Perkinsus olseni* Lester & Davis, 1981; muscle, haemolymph; R16 (402, 656, 661)
- Haliotis laevigata** Donovan, 1808 [greenlip abalone]
 PHY:din *Perkinsus olseni* Lester & Davis, 1981; muscle; R16 (402, 403, 626, 627, 656, 661, 666, 894)

- Haliotis rubra*** Leach, 1814 [blacklip abalone]
 PHY:din *Perkinsus olseni* Lester & Davis, 1981;
 muscle, haemolymph; R16 (126, 627, 654, 661, 666,
 894)
- Haliotis scalaris*** Leach, 1814 [staircase abalone]
 PHY:din *Perkinsus olseni* Lester & Davis, 1981;
 muscle, haemolymph; R16 (402, 661)
- Family: CERITHIIDAE [ceriths]
- Pyrazus ebeninus*** (Bruguere, 1792) [ebony swamp cerith]
 PHY:din *Perkinsus* sp.; tissues; R13 (402, 661)
- Class: BIVALVIA [bivalve molluscs]
 Order: ARCOIDA
 Family: ARCIDAE [ark clams]
- Barbatia foliata*** (Forsskål, 1775) [ark clam] =*B. corallicola*
 PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 658)
- Barbatia amygdalumtostum*** (Röding, 1798) [almond ark]
 =*B. fusca*
 PHY:din *Perkinsus* sp.; tissues; R21 (401)
- Barbatia pistachia*** (Lamarck, 1819) [ark clam]
 PHY:din *Perkinsus* sp.; tissues; R16 (661)
- Anadara antiquata*** (Linnaeus, 1758) [antique ark]
 PHY:din *Perkinsus* sp.; tissues; R21 (401)
- Anadara trapezia*** (Deshayes, 1814) [blood cockle]
 PHY:din *Perkinsus* sp.; tissues; R13 (402, 403, 661)
- Order: MYTILOIDA
 Family: MYTILIDAE [marine mussels]
- Septifer bilocularis*** (Linnaeus, 1758) [box mussel]
 PHY:din *Perkinsus* sp.; tissues; R21 (401)
- Trapezium bicarinatum*** (Schumacher, 1817) =*T. rostratum*
 PHY:din *Perkinsus* sp.; tissues; R21 (401)
- Trichomya hirsuta*** (Lamarck, 1819) [hairy mussel]
 PHY:din *Perkinsus* sp.; tissues; R21 (402)
- Family: PINNIDAE [pen shells]
- Atrina pectinata*** Linnaeus, 1767 [comb pen shell]
 PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)
- Order: PTEROIDA
 Family: ISOGNOMONIDAE [mangrove oysters]
- Isognomon*** (unidentified species)
 PHY:din *Perkinsus* sp.; tissues; R21 (402)
- Electroma alacorvi*** (Dillwyn, 1817) [-]
 PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)
- Family: MALLEIDAE [hammer oysters]
Malleus regula (Forsskål, 1775)
 PHY:din *Perkinsus* sp.; tissues; R21 (401)
- Family: PTERIIDAE [pearl oysters]
- Pinctada margaritifera*** (Linnaeus, 1758) [pearl oyster]
 PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)
- Pinctada maxima*** (Jameson, 1901) [pearl oyster]
 UNC:sta Unidentified protistan; digestive gland;
 R20 (1254)
- Pinctada albina sugillata*** (Reeve, 1857)
 PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 661)
- Family: PECTINIDAE [scallops]
- Chlamys lentiginosa*** (Reeve, 1853) [freckled scallop]
 PHY:din *Perkinsus* sp.; tissues; R21 (401)
- Family: OSTREIDAE [true oysters]
- Alectryonella plicatula*** (Gmelin, 1791)
 PHY:din *Perkinsus* sp.; tissues; R21 (401)
- Ostrea edulis*** Linnaeus, 1758 [common European oyster]
 UNC:sta *Bonamia ostreae* Pichot *et al.*, 1979;
 haemocytes; RU (347)
- Ostrea lurida*** Carpenter, 1864 [native Pacific oyster]
 UNC:sta *Bonamia ostreae* Pichot *et al.*, 1979;
 haemocytes; RU (347)
- Saccostrea glomerata*** (Gould, 1880) [Sydney rock oyster,
 Moreton Bay rock oyster] syn. *Crassostrea*
commercialis, *S. commercialis*
 HAP:hap Unidentified haploporidian; digestive
 gland; R13 (1251)
 MAR:mar *Marteilia sydneyi* Perkins & Wolf, 1976;
 hepatopancreas; R13 (3, 10, 12, 14, 15, 126, 627, 660,
 868, 950, 1023, 1253)
 MAR:mar *Marteilioides branchialis* Anderson &
 Lester, 1992; gills; R13 (12, 14)
 PHY:din *Perkinsus* sp.; tissues; R13 (402, 661)
 UNC:sta *Mikrocytos roughleyi* Farley *et al.*, 1988;
 haemocytes; R13 (2, 10, 347, 660)
- Striostrea mytiloides*** (Lamarck, 1819) [tropical oyster,
 blacklip oyster] syn. *Saccostrea echinata*
 MAR:mar *Marteilia sydneyi* Perkins & Wolf, 1976;
 LU; R13 (10, 1253)
 COC:eim Unidentified coccidian; ovary; R20 (10,
 660, 1252, 1253)
- Saccostrea cucullata*** (Born, 1778) [hooded oyster] syn.
Cassostrea amasa
 PHY:din *Perkinsus* sp.; tissues; R13, R21 (402, 509)

Family: SPONDYLIDAE [thorny oysters]

Spondylus lamarcki Chenu, 1845

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Spondylus nicobaricus Schreibers, 1793

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Spondylus squamosus Schreibers, 1793 [ducal thorny oyster]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Order: VENEROIDA

Family: LUCINIDAE [lucine clams]

Codakia paytenorum (Iredale, 1937) [interrupted lucina]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Ctena reevei (Deshayes, 1863)

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Family: CHAMIDAE [jewel boxes]

Chama pulchella Reeve, 1846 [purple-edged jewel box]

syn. *C. iostoma*

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Chama pacifica Broderip, 1834 [jewel box] syn. *C.*

sulphurea (= *C. pacificus*)

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 403, 658, 661)

Family: CARDIIDAE [cockles]

Acrosterigma unicolor (Sowerby, 1834) [unicolor cockle]

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Family: TRIDACNIDAE [giant clams]

Hippopus hippopus (Linnaeus, 1758) [bear paw clam] syn.

Tridacna hippopus

PHY:din *Perkinsus* sp.; tissues; R21 (401)

UNC:sta Unidentified ciliate; mantle, muscle; R21 (5)

Tridacna crocea Lamarck, 1819 [crocus giant clam]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 658)

Tridacna gigas (Linnaeus, 1758) [giant clam]

PHY:din *Perkinsus* sp.; tissues; R21 (5, 10, 401, 402, 509, 660, 919)

UNC:sta Unidentified ciliate; gill, mantle, muscle; R21 (5, 10, 509)

UNC:sta Unidentified protozoan; LU; R21 (10)

Tridacna maxima (Roeding, 1798) [elongate giant clam]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 509, 627, 658, 661)

Family: VENERIDAE [Venus clams]

Katylisia rhytiphora Lamy, 1937

PHY:din *Perkinsus* sp.; tissues; R16 (661)

Irus irus (Linnaeus, 1758) [irus venus]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Callista semisulcata Sowerby, 1851

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Periglypta puerpera (Linnaeus, 1771) [youthful venus]

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Phylum: PLATYHELMINTHES [flatworms]

Class: TURBELLARIA [free-living flatworms]

Family: PTERASTICOLIDAE [marine symbiotic flatworms]

Pterastericola vivipara Cannon, 1978 [turbellarian parasitic in crown-of-thorns starfish *Acanthaster planci*]

GRE:eug *Monocystella epibatis* Cannon & Jennings, 1988; gut; R21 (174, 526)

Family: STYLOCHIDAE [wafer worms, oyster leeches]

Stylochus (unidentified species)

HAP:hap *Urosporidium cannoni* Anderson *et al.*, 1993; various tissues; R13 (13)

Kingdom: PLANTAE

Family: ASCLEPIADACEAE

Hoya australis R.Br. ex Traill [wax flower]

ZOO:kin *Phytomonas* sp.; latex; R1 (48, 486)

Sarcostemma australe R.Br. [caustic vine]

ZOO:kin *Phytomonas* sp.; latex; R1 (48, 486)

Secamone elliptica R.Br. [secamone vine]

ZOO:kin *Phytomonas* sp.; latex; R1 (48, 486)

Family: MORACEAE

Ficus scabra (Forster, 1786) [wild fig]

ZOO:kin *Herpetomonas bancrofti* Holmes, 1931; latex; R1 (48, 486)

Ficus opposita (Miq., 1848) [sandpaper fig]

ZOO:kin *Phytomonas bancrofti* (Holmes, 1931); latex; RU (1218)

PARASITE-HOST CHECKLIST

Kingdom: PROTISTA [unicellular eukaryotes]
 Subkingdom: PROTOZOA [motile protists]
 Phylum: SARCOMASTIGOPHORA
 Subphylum: MASTIGOPHORA [flagellates]
 Class: PHYTOMASTIGOPHOREA
 Order: DINOFLAGELLIDA [dinoflagellates]
 Suborder: BLASTODININA [extracellular athecate]
 Family: BLASTODINIDAE (= OODINIDAE)

***Amyloodinium* sp.**

ACT *Lutjanus* sp.; skin; RU (983)

***Crepidoodinium australe* Lom et al., 1993**

ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; gills; R13 (671)

***Crepidoodinium* sp.**

ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; LU; R13 (669)

Suborder: SYNDININA [intracellular athecate]

Family: SYNDINIDAE

***Hematodinium australis* Hudson & Shields, 1994**

ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; blood; R21 (503, 506, 1067, 1068)

ART *Scylla serrata* (Forsskål, 1755) [mud crab]; blood; R13 (503, 504, 1068)

ART *Trapezia septata* Dana, 1852 [honetcomb coral crab]; gill, blood; R13 (502, 1068)

***Hematodinium* sp.**

ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; hemolymph; R13 (505)

ART *Trapezia cymodoce* (Herbst, 1799) [blue coral crab]; gill; R13 (502)

***Syndinium* sp.**

ART *Paracalanus indicus* Wolfenden, 1906 [copepod]; coelum; R13 (612, 1068)

INCERTAE SEDIS

***Perkinsus olseni* Lester & Davis, 1981**

MOL *Haliotis cyclobates* Peron, 1816 [whirling abalone]; muscle, haemolymph; R16 (402, 656, 661)

MOL *Haliotis laevigata* Donovan, 1808 [greenlip abalone]; muscle; R16 (402, 403, 626, 627, 656, 661, 666, 894)

MOL *Haliotis rubra* Leach, 1814 [blacklip abalone]; muscle, haemolymph; R16 (126, 627, 654, 661, 666, 894)

MOL *Haliotis scalaris* Leach, 1814 [staircase abalone]; muscle, haemolymph; R16 (402, 661)

***Perkinsus* sp.**

MOL *Acrosterigma unicolor* (Sowerby, 1840) [unicolor cockle]; tissues; R21 (401)

MOL *Alectryonella plicatula* Gmelin, 1791 [mussel]; tissues; R21 (401)

MOL *Anadara antiquata* (Linnaeus, 1758) [antique ark]; tissues; R21 (401)

MOL *Anadara trapezia* (Deshayes, 1814) [blood cockle]; tissues; R13 (402, 403, 661)

MOL *Atrina pectinata* Linnaeus, 1767 [comb pen shell]; tissues; R21 (401, 658)

MOL *Barbatia corallicola* Iredale, 1939 [ark clam]; tissues; R21 (401, 402, 658)

MOL *Barbatia amygdalumtostum* (Röding, 1798) [almond ark]; tissues; R21 (401)

MOL *Barbatia pistachia* (Lamarck, 1819) [ark clam]; tissues; R16 (661)

MOL *Callista semisulcata* Sowerby, 1851 [clam]; tissues; R21 (401)

MOL *Chama pacifica* Broderip, 1834 [jewel box]; tissues; R21 (401, 402, 403, 658, 661)

MOL *Chama pulchella* Reeve, 1846 [purple-edged jewel box]; tissues; R21 (401, 658)

MOL *Chlamys lentiginosa* (Reeve, 1853) [freckled scallop]; tissues; R21 (401)

MOL *Codakia paytenorum* (Iredale, 1937) [interrupted lucina]; tissues; R21 (401, 658)

MOL *Ctena reevei* (Deshayes, 1863) [mangrove clam]; tissues; R21 (401, 658)

MOL *Electroma alacorvi* (Dillwyn, 1817) [oyster]; tissues; R21 (401, 658)

MOL *Irus irus* (Linnaeus, 1758) [irus venus]; tissues; R21 (401, 658)

MOL *Isognomon* sp.; tissues; R21 (402)

MOL *Katylsia rhytiphora* Lamy 1937 [venus clam]; tissues; R16 (661)

MOL *Malleus regula* (Forsskål, 1775) [hammer oyster]; tissues; R21 (401)

MOL *Periglypta puerpera* (Linnaeus, 1771) [youthful venus]; tissues; R21 (401)

MOL *Pinctada margaritifera* (Linnaeus, 1758) [pearl oyster]; tissues; R21 (401, 658)

MOL *Pinctada sugillata* Reeve, 1857 [pearl oyster]; tissues; R21 (401, 402, 661)

MOL *Pyrazus ebeninus* (Bruguiere, 1792) [ebony swamp cerith]; tissues; R13 (402, 661)

MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster]; tissues; R13 (402, 661)

MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster]; tissues; R13, R21 (402, 509)

MOL *Septifer bilocularis* (Linnaeus, 1758) [box mussel]; tissues; R21 (401)

MOL *Spondylus lamarcki* Chenu, 1845 [spiny oyster]; tissues; R21 (401)

MOL *Spondylus nicobaricus* Schreibers, 1793
[spiny oyster]; tissues; R21 (401, 658)
MOL *Spondylus squamosus* Schreibers, 1793
[dual thorny oyster]; tissues; R21 (401, 658)
MOL *Trapezium bicarinatum* (Schumaker,
1817); tissues; R21 (401)
MOL *Trichomya hirsuta* (Lamarck, 1819) [hairy
mussel]; tissues; R21 (402)
MOL *Tridacna crocea* Lamarck, 1819 [crocus
giant clam]; tissues; R21 (401, 402, 658)
MOL *Tridacna gigas* (Linnaeus, 1758) [giant
clam]; tissues; R21 (5, 10, 401, 402, 509, 660, 919)
MOL *Tridacna hippopus* (Linnaeus, 1758) [bear
paw clam]; tissues; R21 (401)
MOL *Tridacna maxima* (Roeding, 1798)
[elongate giant clam]; tissues; R21 (401, 402, 509,
627, 658, 661)

Order: EUGLENIDA (Euglenophyceae)

Unidentified euglenid species

AMP *Limnodynastes tasmaniensis* Gunther, 1858
[spotted grass frog]; intestines; RU (979)

Suborder: EUTREPTINA (Eutreptiales)

Family: EUTREPTIDAE

Eutreptia parasitica Michajlow, 1978

ART *Microcyclops varicans* (Sars, 1863); larvae;
R1 (771)

Suborder: HETERONEMATINA (Heteronematales)
[two unequal flagella]

Family: HETERONEMATIDAE

Dinema australiense Michajlow, 1978

ART *Mesocyclops leuckarti* (Claus, 1857); eggs,
larvae; R1, R2 (770, 771)

Dinema rostratum Michajlow, 1978

ART *Mesocyclops leuckarti* (Claus, 1857); eggs,
larvae; R1, R2 (770, 771)

Dinema rotundum Michajlow, 1972

ART *Mesocyclops leuckarti* (Claus, 1857); eggs;
R2 (771)

Dinema sp.

ART *Microcyclops varicans* (Sars, 1863); larvae;
R1 (771)

Suborder: EMBRYOCOLINA (Embryocoliales) [one
emergent flagellum]

Family: EMBRYOCOLIDAE

Embryocola sulcatus Michajlow, 1972

ART *Mesocyclops leuckarti* (Claus, 1857);
larvae; R1, R2 (771)

Naupliicola sp.

ART *Mesocyclops leuckarti* (Claus, 1857);
larvae; R1, R2 (771)

Parastasiella naupliorum Michajlow, 1972

ART *Mesocyclops leuckarti* (Claus, 1857);
larvae; R1, R2 (771)

Class: ZOOMASTIGOPHOREA

ORDER: KINETOPLASTIDA [with kinetoplast]

Suborder: BODONINA [two heterodynamic flagella]

Family: BODONIDAE

Bodo sp.

REP *Trachydosaurus rugosus* Gray, 1825
[sleepy lizard]; rectum; R5 (586)

Cryptobia sp.

ACT *Carassius auratus* (Linnaeus, 1758)
[golden carp]; gills; RU, aquaria (858, 983, 984)

ACT *Lates calcarifer* (Bloch, 1790)
[barramundi]; gills; R1 (144, 400, 919)

Ichthyobodo necator (Henneguy, 1883); syn *Costia
necatrix* Leclercq, 1890

ACT *Anguilla* sp.; gill, skin; RU (858)

ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver
perch]; skin, gills; R4 (144, 628, 634, 858, 1030)

ACT *Carassius auratus* (Linnaeus, 1758)
[golden carp]; gill, skin; R2, R3 (627, 858, 983)

ACT *Maccullochella peeli* (Mitchell, 1838)
[Murray cod]; gills; R4 (144, 1030)

ACT *Macquaria ambigua* (Richardson, 1845)
[golden perch]; skin, gills; R4 (144, 1030)

ACT *Macquaria australasica* Cuvier &
Valenciennes, 1830 [Macquarie perch]; gills; R4
(1030)

Ichthyobodo sp.

ACT *Salmo gairdneri* Richardson, 1836
[rainbow trout]; gills; R3 (857)

ACT *Salmo salar* Linnaeus, 1758 [Atlantic
salmon]; gills; R3 (857)

ACT *Salmo* sp.; LU; RU (839)

Pleuromonas jaculans Perty, 1852

ART *Anopheles punctulatus* Dönitz, 1901
[anopheline mosquito]; gut; R1 (687)

Trypanoplasma parmae Mackerras & Mackerras, 1925

ACT *Parma microlepis* Gunther, 1862 [white-
ear]; blood; R14 (79, 684, 696)

Trypanoplasma sp.

ACT *Anguilla* sp.; blood; RU (858)

Suborder: TRYPANOSOMATINA [haemoflagellates
with one flagellum]

Family: TRYPANOSOMTIDAE

Herpetomonas bancrofti Holmes, 1931

Plant *Ficus scabra* (Forster, 1786) [wild fig];
latex; R1 (48, 486)

Leishmania donovani (Laveran & Mesnil, 1903) Ross,
1903

- MAM *Homo sapiens* Linnaeus, 1758 [human], skin; RU (439, 692, 1003)
MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; heart (exptl. infection); R2 (42)
- Leptomonas muscae-domesticae*** Burnett, 1906
ART *Calliphora augur* (Fabricius, 1775) [lesser brown blowfly]; LU; R1 (581)
ART *Calliphora stygia* (Fabricius, 1872) [eastern golden-haired blowfly]; LU; R1 (581)
ART *Musca domestica* Linnaeus, 1758 [common housefly]; LU; R1, R2 (581)
- Phytomonas bancrofti*** (Holmes, 1931) McGhee & McGhee, 1979
Plant *Ficus opposita* (Miq., 1848) [sandpaper fig]; latex; RU (1218)
- Phytomonas* sp.**
Plant *Hoya australis* R.Br. ex Traill [wax flower]; latex; R1 (48, 486)
Plant *Sarcostemma australe* R.Br. [caustic vine]; latex; R1 (48, 486)
Plant *Secamone elliptica* R.Br. [secamone vine]; latex; R1 (48, 486)
- Trypanosoma anellobiae*** Cleland & Johnston, 1910
AVE *Acanthochoaera chrysoptera* (Latham, 1801) [little wattlebird]; blood; R1 (75, 208, 211, 212, 579, 581, 694)
AVE *Corcorax melanorhamphos* (Vieillot, 1817) [white-winged cough]; blood; R1 (210, 581)
AVE *Entomyzon cyanotis* (Latham, 1801) [blue-faced honeyeater]; blood; R1 (210, 579, 581, 694)
AVE *Lichenostomus fuscus* (Gould, 1837) [brown honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood; R1 (75)
AVE *Microeca fascinans* (Latham, 1801) [brown flycatcher]; blood; R1 (210, 216, 217, 579, 581, 694)
AVE *Myzomela sanguinolenta* (Latham, 1801) [scarlet honeyeater]; blood; R1 (581)
- Trypanosoma anguillicola*** Johnston & Cleland, 1910
ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; blood; R1, R2 (79, 211, 212, 574, 581, 696)
- Trypanosoma aulopi*** Mackerras & Mackerras, 1925
ACT *Latropiscus purpurissatus* (Richardson, 1843) [Sergeant baker]; blood; R14 (79, 684, 696)
- Trypanosoma avium*** Danilewsky, 1885
AVE *Falco hypoleucos* Gould, 1840 [grey falcon]; blood; R1 (128, 217, 581, 694)
AVE *Haliastur girrenera* Vieillot, 1817 [white-headed sea-eagle]; blood; R1 (128, 217, 581, 694)
- Trypanosoma bancrofti*** Johnston & Cleland, 1910
ACT *Tandanus tandanus* Mitche II, 1838 [freshwater catfish]; blood; R1, R4 (34, 79, 211, 212, 574, 581, 696)
- Trypanosoma binneyi*** Mackerras, 1959
MAM *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; blood; R2, R3 (483, 693, 750)
- Trypanosoma carcharias*** Laveran, 1908
CHO *Odontaspis* sp.; blood; R21 (79, 640, 696)
- Trypanosoma chelodina*** Johnston, 1907
REP *Chelodina longicollis* (Shaw, 1794) [long-necked tortoise]; blood; R1, R4 (128, 211, 212, 533, 572, 575, 577, 581, 695, 1128)
REP *Elseya dentata* (Gray, 1863) [northern snapping turtle]; blood; R1 (695, 1128)
REP *Elseya latisternum* Gray, 1867 [saw-shelled turtle]; blood; R1 (695, 1128)
REP *Emydura krefftii* (Gray, 1871) [Krefft's river turtle]; blood; R1 (211, 212, 572, 575, 577, 581, 695, 1128)
REP *Emydura macquarii* (Gray, 1830) [Murray turtle]; blood; R4 (577, 581, 695, 1128)
- Trypanosoma chlamydoderae*** Breinl, 1913
AVE *Chlamydera nuchalis* (Jardine & Selby, 1830) [great bowerbird]; blood; R1 (128, 217, 581)
- Trypanosoma clelandi*** Johnston, 1916 syn. *T. rotatorium* (Mayer, 1843)
AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; blood; R1 (211, 212, 581, 696)
AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; blood; R1, R5 (211, 212, 214, 581, 696)
- Trypanosoma cruzi*** Chagas, 1909
MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; blood (exptl. infection); R2 (42)
MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; blood, various organs (exptl. infection); R2 (42)
- Trypanosoma egerniae*** Mackerras, 1961
REP *Egernia cunninghami* (Gray, 1832) [Cunningham's skink]; blood; R1 (695, 1128)
REP *Egernia striolata* (Peters, 1870) [tree skink]; blood; R2 (695, 1128)
- Trypanosoma eudyptulae*** Jones & Woehler, 1989
AVE *Eudyptula minor* (Forster, 1781) [little penguin]; blood; R3 (596)
- Trypanosoma evansi*** (Steel, 1885) Balbiani, 1888
MAM *Camelus dromedarius* Linnaeus, 1758 [camel]; blood; RU (167, 207, 570, 692, 1059, 1060)
MAM *Canis familiaris* Linnaeus, 1758 [dog]; blood (exptl. infection); RU (1059, 1060)

- MAM *Cavia porcellus* Linnaeus, 1758 [guinea pig]; blood (exptl. infection); R6 (567, 1059, 1060)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; blood (exptl. infection); R6 (567, 1059, 1060)
- MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; blood (exptl. infection); RU (1059, 1060)
- Trypanosoma gargantua* Laird, 1951**
- CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; blood; R21 (655, 658, 696)
- Trypanosoma granulorum* Laveran & Mesnil, 1909**
- ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; blood; R2 (669)
- Trypanosoma hipposideri* Mackerras, 1959**
- MAM *Hipposideros ater* Templeton, 1848 [dusky horseshoe bat]; blood; R1 (483, 693, 790)
- Trypanosoma lewisi* (Kent, 1880) Laveran & Mesnil, 1901;**
syn. *Herpetomonas lewisi* Kent, 1880
- MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; blood; R1 (483, 693)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood; R2 (562)
- MAM *Rattus fuscipes* (Waterhouse, 1839) [allied rat]; blood; R1 (483, 692, 693)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; blood; R1, R2 (360, 562, 568, 570, 573, 581, 583, 692, 693, 965, 1059, 1060)
- MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; blood; R1 (167, 360, 562, 568, 570, 573, 581, 583, 692, 693, 965, 1059, 1060)
- MAM *Rattus* sp.; blood; R1 (46, 205, 581, 583, 692)
- Trypanosoma mackerasi* Burrenson, 1989**
- CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; blood; R21 (137, 658)
- Trypanosoma melophagium* (Flu, 1908) Noller, 1917; syn. *Crithidia melophagia* Flu, 1908**
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; blood, RU (167, 692, 693, 1059, 1060, 1170, 1171)
- Trypanosoma myzanthae* Mackerras & Mackerras, 1960**
- AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood; R1 (694)
- Trypanosoma notophoxyis* Breinl, 1913**
- AVE *Ardea novaehollandiae* Latham, 1790 [white-faced heron]; blood; R1 (128, 217, 581, 694)
- AVE *Egretta sacra* (Gmelin, 1789) [reef heron]; blood; R9 (694)
- Trypanosoma phylluri* Mackerras, 1961**
- REP *Phyllurus platurus* (White, 1790) [southern leaf-tailed gecko]; blood; R2 (695, 1128)
- Trypanosoma pteropi* Breinl, 1913**
- MAM *Pteropus gouldii* Peters, 1867 [-]; blood; R1 (128, 483, 581, 692, 693, 790)
- Trypanosoma pulchra* Mackerras & Mackerras, 1925**
- ACT *Ellerkeldia annulata* (Gunther, 1859) [banded dea-perch]; blood; R14 (79, 684, 696)
- ACT *Parma microlepis* Gunther, 1862 [white-ear]; blood; R14 (79, 684, 696)
- Trypanosoma taeniurae* Burrenson, 1989**
- CHO *Taeniura lymma* (Forsk., 1775) [blue-spotted ray]; blood; R21 (137, 658)
- Trypanosoma theileri* Laveran, 1902**
- MAM *Bos taurus* Linnaeus, 1758 [ox]; blood; RU, R1, R2 (167, 692, 693, 1059, 1060, 1168, 1169, 1170, 1171, 1220)
- Trypanosoma thylacis* Mackerras, 1959**
- MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; RU (483, 691, 693)
- Trypanosoma vespertilionis* Battaglia, 1904**
- MAM *Miniopterus schreibersii* (Kuhl, 1817) [common bent-wing bat]; blood; RU (692, 1234)
- Trypanosoma* sp.**
- ACT *Anguilla* sp.; blood; RU (628, 634)
- AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; blood; R1 (209)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; blood; R1 (209)
- AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; blood; R1 (209, 581, 696)
- AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; blood; R1 (47, 209, 581, 696)
- ANN *Chthonobdella limbata* Grube, 1866 [leech]; crop, R1 (996)
- AVE *Acanthochaera chrysoptera* (Latham, 1801) [little wattlebird]; blood; R1 (216, 217, 571)
- AVE *Entomyzon cyanotis* (Latham, 1801) [blue-faced honeyeater]; blood; R1 (216, 217)
- AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie]; blood; R1 (694)
- AVE *Lichenostomus chrysops* (Latham, 1801) [yellow-faced honeyeater]; blood; R4 (216, 217, 694)
- AVE *Lichenostomus penicillatus* (Gould, 1837) [white-plumed honeyeater]; blood; zoo (UK) (445)
- AVE *Myzomela sanguinolenta* (Latham, 1801) [scarlet honeyeater]; blood; R1 (216, 217, 694)
- AVE *Ninox boobook* Latham, 1801 [boobook owl]; blood; R1 (128, 217, 581, 694)
- AVE *Oriolus sagittatus* (Latham, 1801) [olive-backed oriole]; blood; R1 (210, 216, 579, 581, 694)
- AVE *Pachycephala melanura* Gould, 1842 [mangrove golden whistler]; blood; R1 (217, 694)
- AVE *Pardalotus melanocephalus* (Gould, 1838) [black-headed pardalote]; blood; R1 (210, 216, 581, 694)
- AVE *Sphecotheres viridis* Vieillot, 1816 [figbird]; blood; RU (217)
- MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; R3 (78)

MAM *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; blood; RU (692, 916)
 MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; blood; R3 (78)
 REP *Ctenotus taeniolatus* (White, 1790) [copper-tailed skink]; blood; R1, R2 (695)
 REP *Lygosoma taeniolatum* White, ex Shaw, 1790 [copper-tailed skink]; blood; R1 (577, 581)
 REP *Pseudonaja textilis* (Dumeril *et al.*, 1854) [eastern brown snake]; blood; R1 (211, 572, 577, 581, 695)

Order: PROTEROMONADIDA
 Family: PROTEROMONADIDAE

Karotomorpha bufonis (Dobell, 1908) Grasse, 1926
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)
 AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (276)

Order: RETORTAMONIDIDA [twisted bodies with large oral apertures]

Family: COCHLOSOMIDAE
***Cochlosoma* sp.**

AVE *Emblema picta* Gould, 1842 [painted firetail]; intestines; R1 (361, 362)
 AVE *Erythrura gouldiae* (Gould, 1844) [Gouldian finch]; intestines; R1 (362, 698)
 AVE *Erythrura psittacea* Gmelin, 1789 [red-headed parrot finch]; intestines; R1 (361, 362)
 AVE *Erythrura trichroa* (Kittlitz, 1883) [blue-faced parrot finch]; intestines; R1 (361, 362)
 AVE '*Lonchura domestica*' ['Bengalese finch']; intestines; R1 (361, 362, 698)
 AVE *Lonchura punctulata* (Linnaeus, 1758) [nutmeg mannikin]; intestines; R1 (362)
 AVE *Taeniopygia bichenovii* (Vigors & Horsfield, 1827) [double-barred finch]; intestines; R1 (362)
 AVE *Taeniopygia guttata* (Gould, 1837) [zebra finch]; intestines; R1 (361, 362, 899)

Family: RETORTAMONADIDAE
Chilomastix caulleryi (Alexeieff, 1909)

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1, R9 (276, 277, 1087)
 AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (276)
 AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)
 AMP *Litoria latopalmata* Gunther, 1867 [-]; intestines; RU (276)
 AMP *Litoria nasuta* (Gray, 1842) [rocket frog];

intestines; RU (276)
 AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (276)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)
 AMP *Taudactylus rheophilus* Liem & Hosmer, 1973 [-]; intestines; RU (276)

Chilomastix mesnili (Wenyon, 1910) Alexeieff, 1912

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, gut; RU, R8 (65, 692, 728, 763)

Copromonas subtilis Dobell, 1908

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; gut; R1 (978)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; gut; R1 (978)
 AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; gut; R1 (978)
 AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; gut; R1 (978)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; gut; R1 (978)

***Copromonas* sp.**

REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; rectum; R5 (586)

Retortamonas dobelli (Bishop, 1931)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)
 AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1 (276, 277, 1087)

Retortomonas intestinalis (Wenyon & O'Connor, 1917)

Wenrich, 1932
 MAM *Homo sapiens* Linnaeus, 1758 [human], faeces; R3 (405)

Retortomonas mitrula Kirby & Honigberg, 1950

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; intestines; zoo (USA) (613)

Order: DIPLOMONADIDA [diplomonads]

Unidentified diplomonad species

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (384)

Family: HEXAMITIDAE

Giardia agilis Kunstler, 1882

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (276, 277, 1087)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)

Giardia duodenalis (Davaine, 1875) Filice, 1952; syn. *G.*

lamblia Stiles, 1915; syn. *G. intestinalis* (Lambl, 1859)

MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (341, 735, 1199)

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces, coproantigens (ELISA), duodenum; R2, R3, R5, R6, R8 (167, 221, 270, 488, 490, 593, 616, 757, 760, 762, 763, 764, 780, 793, 1040, 1102, 1117, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1187, 1221)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces; R2, R5 (341, 616, 724)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces, duodenum, R1, R2, R3, R6 (132, 176, 186, 221, 339, 489, 490, 616, 735, 736, 759, 760, 762, 764, 781, 795, 1102, 1117, 1142, 1143, 1144, 1146, 1149, 1160, 1187, 1191, 1199)
- MAM *Homo sapiens* Linnaeus, 1758 [human], gut, faeces, coproantigens (ELISA); RU, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R12 (16, 18, 19, 20, 37, 65, 80, 83, 101, 102, 103, 104, 105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 116, 131, 132, 133, 134, 176, 186, 187, 188, 228, 238, 239, 324, 328, 337, 338, 339, 340, 346, 358, 405, 423, 468, 470, 488, 489, 490, 495, 616, 692, 728, 735, 736, 741, 745, 757, 758, 759, 760, 761, 762, 763, 764, 792, 795, 953, 993, 994, 995, 1050, 1066, 1081, 1102, 1142, 1144, 1145, 1146, 1147, 1149, 1150, 1160, 1161, 1162, 1163, 1184, 1185, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1204, 1205, 1217, 1244)
- MAM *Lama pacos* Linnaeus, 1758 [alpaca]; faeces; R5 (341)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; intestine, faeces; R1, R5, R6 (18, 19, 108, 116, 338, 339, 341, 735, 736, 792, 793, 1064, 1144, 1193, 1197, 1203)
- MAM *Notomys alexis* Thomas, 1922 [spinifex hopping-mouse]; faeces; R5 (339)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces, gut; RU, R5, R6 (132, 328, 341, 762, 764, 795, 1149)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; intestine (exptl. infection); R5, R6 (762, 764, 1064, 1142, 1144)
- MAM *Rattus* sp.; gut; RU (735, 759)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R5 (341)
- Giardia muris** (Grassi, 1879) Kofoid & Christiansen, 1915
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut, antibodies (RIA); RU, R2, R5 (7, 20, 284, 692, 735, 736, 1008, 1009)
- Giardia psittaci** Erlandsen & Bemrick, 1987
AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; faeces, intestines; RU, R1, pet shops (USA) (332, 333, 334, 363, 616)
- Giardia sp.**
AVE *Cacatua galerita* (Latham, 1790) [sulphur-crested cockatoo]; intestines; R2 (386, 1203)
AVE *Dromaius novaehollandiae* (Latham, 1790) [emu]; gut; RU (1106)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; intestines; pet shops (USA) (124, 482, 926)
- AVE *Threskiornis spinicollis* (Jameson, 1835) [straw-necked ibis]; intestines; R6 (380, 751, 752)
- MAM *Cavia porcellus* Linnaeus, 1758 [guinea pig]; gut, faeces; R5 (735)
- MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; intestines; RU (692)
- MAM *Macropus* sp.; faeces; R3 (781)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; gut; RU, R6 (167, 692, 735, 837, 1059, 1060, 1144, 1172)
- MAM *Perameles* sp.; faeces; R3 (781)
- MAM *Rattus villosissimus* (Waite, 1898) [long-haired rat]; gut; RU (692)
- MAM *Sarcophilus harrisii* (Boitard, 1841) [Tasmanian devil]; faeces; R3 (781)
- MAM *Trichosurus arnhemensis* Collett, 1897 [northern brushtail possum]; faeces; R3 (781)
- Hexamita muris** (Grassi, 1881) Dobell, 1909
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut; RU (692)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; gut; RU (692)
- Hexamitus termitis** Grassi, 1917 subspecies *acutus* Duboscq & Grasse, 1927
ART *Calotermes iridipennis* Froggart, 1896 [termite]; hindgut; R1 (317)
- Hexamita sp.**
ACT *Acanthurus dussumieri* Cuvier & Valenciennes, 1835 [Dussumier's surgeonfish]; intestine; R13 (669)
ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; intestine; R4 (669)
ACT *Monacanthus chinensis* Osbeck, 1765 [fan-bellied leatherjacket]; intestine; R13 (669)
ACT *Symphysodon* sp.; gut, liver, blood, head; RU (aquarium) (627, 983, 984)
AVE *Alectoris chukar* Gray, 1830 [chukar partridge]; gut; RU (446, 1052)
AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; caecum, rectum; R2 (446, 447, 989, 1052)
AVE *Coturnix coturnix* Linnaeus, 1758 [common quail]; gut; RU (446, 1052)
AVE *Pavo cristatus* Linnaeus, 1758 [peafowl]; gut; RU (446, 1052)
AVE *Phasianus colchicus* Linnaeus, 1758 [common pheasant]; gut; RU (446, 1052)
MAM *Rattus villosissimus* (Waite, 1898) [long-haired rat]; gut; RU (692)
- Spiroucleus elegans** Lavier, 1936
AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1, R9 (276, 277, 1087)
AMP *Cyclorana novaehollandiae* Steindachner, 1867 [-]; intestines; RU (276)

- AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (276)
- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)
- AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (276)
- AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (276)
- AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (276)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (276)
- AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (276)
- AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)
- AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (276)
- AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (276)
- AMP *Litoria dahlii* (Boulenger, 1896) [-]; intestines; RU (276)
- AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (276)
- AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (276)
- AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)
- AMP *Litoria gracilentata* (Peters, 1869) [dainty green tree frog]; intestines; RU (276)
- AMP *Litoria inermis* (Peters, 1867) [-]; intestines; RU (276)
- AMP *Litoria infrafrenata* (Gunther, 1867) [giant tree frog]; intestines; RU (276)
- AMP *Litoria latopal mata* Gunther, 1867 [-]; intestines; RU (276)
- AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (276)
- AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (276)
- AMP *Litoria nyakalensis* Liem, 1974 [-]; intestines; RU (276)
- AMP *Litoria pallida* Davis *et al.*, 1983 [-]; intestines; RU (276)
- AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)
- AMP *Litoria raniformis* (Keferstein, 1867) [-]; intestines; RU (276)
- AMP *Litoria revelata* Ingram *et al.*, 1982 [-]; intestines; RU (276)
- AMP *Litoria rheocola* Liem, 1974 [-]; intestines; RU (276)
- AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (276)
- AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)
- AMP *Litoria serrata* (Andersson, 1916) [-]; intestines; RU (276)
- AMP *Litoria tornieri* (Nieden, 1923) [-]; intestines; RU (276)
- AMP *Litoria verreauxii* (Dumeril, 1853) [-]; intestines; RU (276)
- AMP *Neobatrachus centralis* (Parker, 1940) [trilling frog]; intestines; RU (276)
- AMP *Neobatrachus pelobatoides* (Werner, 1914) [humming frog]; intestines; RU (276)
- AMP *Neobatrachus pictus* Peters, 1863 [-]; intestines; RU (276)
- AMP *Nyctimystes dayi* (Günther, 1897) [Australian lace-lid]; intestines; RU (276)
- AMP *Pseudophryne coriacea* Keferstein, 1868 [red-backed toadlet]; intestines; RU (276)
- AMP *Ranidella bilingua* Martin *et al.*, 1980 [-]; intestines; RU (276)
- AMP *Ranidella insignifera* (Moore, 1954) [-]; intestines; RU (276)
- AMP *Ranidella parinsignifera* (Main, 1957) [-]; intestines; RU (276)
- AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (276)
- AMP *Uperoleia laevigata* Keferstein, 1867 [-]; intestines; RU (276)
- Spiro nucleus meleagridis*** (McNeil *et al.*, 1941) Kulda & Nohynkova, 1978; syn. *Hexamita meleagridis* McNeil *et al.*, 1941
- AVE *Meleagris gallopavo* Linnaeus, 1758 [turkey]; intestines; R2 (73, 167, 1059, 1060)
- Spiro nucleus muris*** (Grassi, 1881) Brugerolle *et al.*, 1973
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut, faeces; R5, R6 (922, 1064)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; gut, faeces; R5 (1064)
- Spiro nucleus* sp.**
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; crop; R6 (748)
- Order: PYRSONYMPHIDA [lack parabasal body]
- Family: PYRSONYMPHIDAE
- Oxy monas* sp.**
- ART *Calotermes condonensis* Hill, 1922 [termite]; gut; RU (1113)
- Superorder: PARABASALIDEA [with parabasal body]
- Order: TRICHOMONADIDA
- Family: MONOCERCOMONADIDAE
- Histomonas meleagridis*** (Smith, 1895) Tyzzer, 1920; syn. *Amoeba meleagridis* Smith, 1895
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; caeca, liver; R1, R2, R3, R5 (167, 191, 450, 454, 801, 980, 1005, 1059, 1060)

- AVE *Meleagris gallopavo* Linnaeus, 1758 [domestic turkey]; intestines, liver; RU, R2, R3, R4, R5 (73, 167, 191, 570, 801, 1059, 1060)
- AVE *Pavo cristatus* Linnaeus, 1758 [peafowl]; liver, intestines; R1, R2, R3 (167, 801, 942, 1059, 1060)
- AVE *Phasianus colchicus* Linnaeus, 1758 [common pheasant]; intestines; R2, R5 (167)
- Histomonas sp.**
- AVE *Alectoris chukar* Gray, 1830 [chukar partridge]; LU; RU (801)
- AVE *Coturnix* sp.; LU; RU (990)
- Monocercomonas batrachorum** (Dobell, 1908)
- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1, R9 (276, 277, 1087)
- AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (276)
- AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestines; RU (276)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (276)
- AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)
- AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (276)
- AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (276)
- AMP *Litoria dahlii* (Boulenger, 1896) [-]; intestines; RU (276)
- AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (276)
- AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (276)
- AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)
- AMP *Litoria gracilentia* (Peters, 1869) [dainty green tree frog]; intestines; RU (276)
- AMP *Litoria inermis* (Peters, 1867) [-]; intestines; RU (276)
- AMP *Litoria latopalmata* Gunther, 1867 [-]; intestines; RU (276)
- AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (276)
- AMP *Litoria nannotis* (Andersson, 1916) [torrent tree frog]; intestines; RU (276)
- AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (276)
- AMP *Litoria pallida* Davis *et al.*, 1983 [-]; intestines; RU (276)
- AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)
- AMP *Litoria rheocola* Liem, 1974 [-]; intestines; RU (276)
- AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (276)
- AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)
- AMP *Litoria tornieri* (Nieden, 1923) [-]; intestines; RU (276)
- AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; intestines; RU (276)
- AMP *Neobatrachus centralis* (Parker, 1940) [trilling frog]; intestines; RU (276)
- AMP *Ranidella bilingua* Martin *et al.*, 1980 [-]; intestines; RU (276)
- AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (276)
- AMP *Uperoleia laevigata* Keferstein, 1867 [-]; intestines; RU (276)
- Monocercomonas sp.**
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; intestines; zoo (USA) (613)
- Family: DEVOSCOVIIDAE
- Devescovina hilli** Duboscq & Grasse, 1926
- ART *Calotermes iridipennis* Froggart, 1896 [termite]; hindgut; R1 (317)
- Devescovina striata** Foa, 1904
- ART *Calotermes insularis* White, 1853 [termite]; gut; RU (1113)
- ART *Calotermes condonensis* Hill, 1922 [termite]; gut; RU (1113)
- Pseudodevescovina uniflagellata** Sutherland, 1933
- ART *Calotermes insularis* White, 1853 [termite]; gut; RU (1113)
- Family: TRICHOMONADIDAE
- Mixotricha paradoxa** Sutherland, 1933
- ART *Mastotermes darwiniensis* Froggatt, 1896 [termite]; hindgut; R8 (1113, 1208)
- Pseudotrypanosoma giganteum** Grassi, 1917
- ART *Porotermes adamsoni* (Froggatt) [termite]; gut; RU (1113)
- Pseudotrypanosoma minimum** Sutherland, 1933
- ART *Porotermes adamsoni* (Froggatt) [termite]; gut; RU (1113)
- Tetratrichomonas gallinarum** (Martin & Robertson, 1911) Honigberg, 1963; syn. *Trichomonas gallinarum* Martin & Robertson, 1911
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; R2 (167, 801, 1059)
- Tetratrichomonas prowazeki** (Alexeieff, 1909)
- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)
- Trichomastix batrachorum** Dobell, 1908
- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; large intestine; R1 (978)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858

[spotted grass frog]; intestines; R1 (978)
 AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestine; R1 (978)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; R1 (978)

Trichomastix sp.

AMP *Litoria caerulea* (White, 1790) [green tree frog]; gut; R1 (581)

Trichomitrus batrachorum (Perty, 1852)

AMP *Adelotus brevis* (Gunther, 1863) [tusked frog]; intestines; RU (276)
 AMP *Assa darlingtoni* (Loveridge, 1933) [pouched frog]; intestines; RU (276)
 AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1, R9 (276, 277, 1087)
 AMP *Cophixalus ornatus* (Fry, 1912) [-]; intestines; RU (276)
 AMP *Cyclorana brevipes* (Peters, 1871) [-]; intestines; RU (276)
 AMP *Cyclorana novaehollandiae* Steindachner, 1867 [-]; intestines; RU (276)
 AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (276)
 AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)
 AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (276)
 AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (276)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (276)
 AMP *Limnodynastes salmini* Steindachner, 1867 [salmon-striped frog]; intestines; RU (276)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (276)
 AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (276)
 AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; RU (276)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)
 AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (276)
 AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (276)
 AMP *Litoria dahlii* (Boulenger, 1896) [-]; intestines; RU (276)
 AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (276)
 AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (276)
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)
 AMP *Litoria gracilentia* (Peters, 1869) [dainty green tree frog]; intestines; RU (276)

AMP *Litoria inermis* (Peters, 1867) [-]; intestines; RU (276)
 AMP *Litoria latopalmata* Gunther, 1867 [-]; intestines; RU (276)
 AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (276)
 AMP *Litoria nannotis* (Andersson, 1916) [torrent tree frog]; intestines; RU (276)
 AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (276)
 AMP *Litoria nigrofrenta* (Gunther, 1867) [-]; intestines; RU (276)
 AMP *Litoria nyakalensis* Liem, 1974 [-]; intestines; RU (276)
 AMP *Litoria pallida* Davis *et al.*, 1983 [-]; intestines; RU (276)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)
 AMP *Litoria revelata* Ingram *et al.*, 1982 [-]; intestines; RU (276)
 AMP *Litoria rheocola* Liem, 1974 [-]; intestines; RU (276)
 AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (276)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)
 AMP *Litoria tornieri* (Nieden, 1923) [-]; intestines; RU (276)
 AMP *Litoria tyleri* Martin *et al.*, 1979 [-]; intestines; RU (276)
 AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; intestines; RU (276)
 AMP *Mixophyes iteratus* Straughan, 1968 [giant barred frog]; intestines; RU (276)
 AMP *Mixophyes schevilli* Loveridge, 1933 [northern barred frog]; intestines; RU (276)
 AMP *Neobatrachus centralis* (Parker, 1940) [trilling frog]; intestines; RU (276)
 AMP *Neobatrachus pelobatoides* (Werner, 1914) [humming frog]; intestines; RU (276)
 AMP *Neobatrachus pictus* Peters, 1863 [-]; intestines; RU (276)
 AMP *Nyctimystes dayi* (Günther, 1897) [Australian lace-lid]; intestines; RU (276)
 AMP *Pseudophryne bibronii* Günther, 1858 [brown toadlet]; intestines; RU (276)
 AMP *Pseudophryne coriacea* Keferstein, 1868 [red-backed toadlet]; intestines; RU (276)
 AMP *Rana daemeli* (Steindachner, 1868) [wood frog]; intestines; RU (276)
 AMP *Ranidella bilingua* Martin *et al.*, 1980 [-]; intestines; RU (276)
 AMP *Ranidella parinsignifera* (Main, 1957) [-]; intestines; RU (276)

- AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (276)
- AMP *Sphenophryne robusta* (Fry, 1912) [-]; intestines; RU (276)
- AMP *Taudactylus rheophilus* Liem & Hosmer, 1973 [-]; intestines; RU (276)
- AMP *Uperoleia laevigata* Keferstein, 1867 [-]; intestines; RU (276)
- Trichomonas batrachorum** Perty, 1852
- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; large intestine; R1 (978)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; R1 (978)
- AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestine; R1 (978)
- AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; R1 (978)
- Trichomonas equi** (Fantham, 1921)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; caecum, colon; RU (29, 167)
- Trichomonas gallinae** (Rivolta, 1878) Stabler, 1938
- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; mouth, pharynx, oesophagus, crop; RU, R6 (167, 430, 748, 801, 1060)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; pharynx, oesophagus, crop; R5 (801, 977)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; crop; R6, pet shops (UK, EUR, USA) (45, 471, 748)
- AVE [Senegal dove]; crop; R6 (748)
- Trichomonas guttula** Kirby & Honigberg, 1950
- MAM *Dendrolagus inustus* Mueller, 1840 [grizzled tree-kangaroo]; intestines; zoo (USA) (613)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; intestines; zoo (USA) (613)
- Trichomonas hominis** (Davaine, 1860) Wenrich, 1931
- MAM *Homo sapiens* Linnaeus, 1758 [human]; faeces, gut; RU, R8 (65, 692, 763)
- Trichomonas muris** (Grassi, 1879)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut; RU (284, 692)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; gut; RU (692)
- Trichomonas suis** Gruby & Delafond, 1843
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut; RU (167)
- Trichomonas vaginalis** Donne, 1837
- MAM *Homo sapiens* Linnaeus, 1758 [human]; urogenital tract; RU, R1, R12 (132, 662, 692, 922, 1204, 1211, 1212)
- Trichomonas sp.**
- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (384)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (979)
- ART *Stolotermes victoriensis* Hill, 1921[termite]; gut; RU (1113)
- AVE *Accipiter fasciatus* (Vigors & Horsfield, 1827) [brown goshawk]; oesophagus, pharynx; R2 (989)
- AVE *Cacatua leadbeateri* (Vigors, 1831) [Major Mitchell cockatoo]; crop; RU (1052)
- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; pharynx, oesophagus; R2, R5 (446, 447, 989, 990, 1052, 1059)
- AVE *Dromaius novaehollandiae* (Latham, 1790) [emu]; gut; RU (1106)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; caeca, crop, oesophagus; R5 (167, 1060)
- AVE *Glossopsitta concinna* (Shaw, 1791) [musk lorikeet]; oesophagus, pharynx; R2 (989)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; pharynx; RU (167, 990, 1051, 1052)
- AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; oesophagus, pharynx; R2 (989)
- AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; gut; RU (446, 447)
- AVE *Phaps chalcoptera* (Latham, 1790) [common bronzewing]; oesophagus, pharynx; R2 (989)
- AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth]; intestines; R1 (899)
- AVE *Serinus canaria* Linnaeus, 1758 [canary]; oesophagus, crop; RU (446, 1052)
- AVE *Trichoglossus* sp.; oesophagus, pharynx; R2 (989, 990)
- AVE '*Turtur suratensis*' ['Indian dove']; pharynx, larynx; R2 (453, 1059, 1060)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces; R2 (724)
- MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; intestines; RU (692)
- MAM *Rattus villosissimus* (Waite, 1898) [long-haired rat]; gut; RU (692)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut; RU (692, 1059)
- REP *Oxyuranus scutellatus* (Peters, 1867) [taipan]; faeces; zoo (Aust.) (125)
- REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; rectum; R5 (586)
- Tritrichomonas eberthi** (Martin & Robertson, 1911)
- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; mouth, larynx; RU (167, 430)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; LU; RU (801)
- Tritrichomonas foetus** (Riedmuller, 1928) Kofoid, 1920; syn. *Trichomonas foetus* Riedmuller, 1928
- MAM *Bos taurus* Linnaeus, 1758 [ox]; urogenital tract; RU, R1, R2, R3, R8, R9 (6, 63, 69, 70, 132, 167,

189, 190, 197, 198, 199, 200, 201, 202, 280, 302, 318, 326, 383, 467, 618, 692, 753, 860, 866, 867, 939, 940, 987, 1016, 1059, 1060, 1069, 1114, 1115, 1125, 1167, 1256, 1257)

Family: CALONYMPHIDAE
Stephanonympha silvestrii Janicki, 1915
 ART *Calotermes insularis* White, 1853
 [termite]; gut; RU (1113)

Order: HYPERMASTIGIDA [flagellar tufts]

Unidentified hypermastigid species

ART *Coptotermes lacteus* Froggatt, 1898
 [termite]; hindgut; RU, R2 (336, 485, 879, 1071)
 ART *Mastotermes darwiniensis* Froggatt, 1896
 [termite]; hindgut; RU (1071, 1208)
 ART *Panesthia cribrata* Saussure, 1864 [wood-eating cockroach]; midgut, hindgut; RU, R2 (1056, 1071)

Suborder: LOPHOMONADINA
 Family: JOENIIDAE
Joenina pulchella Grassi, 1917
 ART *Porotermes adamsoni* (Froggatt) [termite];
 gut; RU (1113)

Suborder: TRICHONYMPHINA [distinct rostrum]
 Family: TRICHONYMPHIDAE

Deltotrichonympha nana Cleveland, 1966
 ART *Mastotermes darwiniensis* Froggatt, 1896
 [termite]; hindgut; R8 (1208)

Deltotrichonympha operculata Sutherland, 1933
 ART *Mastotermes darwiniensis* Froggatt, 1896
 [termite]; hindgut; R8 (1113, 1208)

Koruga bonita Cleveland, 1966
 ART *Mastotermes darwiniensis* Froggatt, 1896
 [termite]; hindgut; R8 (1208)

Pseudotrichonympha hertwigi Grassi, 1917
 ART *Coptotermes acinaciformis* Froggatt, 1898
 [termite]; gut; RU (1113)
 ART *Coptotermes frenchi* Hill, 1932 [termite];
 gut; RU (1113)

Trichonympha chattoni Duboscq & Grasse, 1924
 ART *Calotermes iridipennis* Froggatt, 1896
 [termite]; hindgut; R1 (317)

Trichonympha magna Grassi, 1917
 ART *Porotermes adamsoni* (Froggatt) [termite];
 gut; RU (1113)

Family: SPIROTRICHOSOMIDAE

Spirotrichosoma capitata Sutherland, 1933
 ART *Stolotermes victoriensis* Hill,
 1921[termite]; gut; RU (1113)

Spirotrichosoma obtusa Sutherland, 1933
 ART *Stolotermes victoriensis* Hill,
 1921[termite]; gut; RU (1113)

Family: STAUROJOENINIDAE
Staurojoenina assimilis Kirby, 1926
 ART *Calotermes condonensis* Hill, 1992
 [termite]; gut; RU (1113)

Suborder: SPIROTRICHONYMPHINA [flagellar
 bands spiral around body]

Family: HOLOMASTIGOTOIDIDAE
Holomastigotoides mirabile Grassi, 1917
 ART *Coptotermes acinaciformis* Froggatt, 1898
 [termite]; gut; RU (1113)
 ART *Coptotermes frenchi* Hill, 1932 [termite];
 gut; RU (1113)

Spirotrichonymphella pudibunda Grassi, 1917
 ART *Porotermes adamsoni* (Froggatt) [termite];
 gut; RU (1113)

Family: SPIROTRICHONYMPHIDAE

Spirotrichonympha flagellata Grassi, 1917
 ART *Coptotermes acinaciformis* Froggatt, 1898
 [termite]; gut; RU (1113)
 ART *Coptotermes frenchi* Hill, 1932 [termite];
 gut; RU (1113)

Spirotrichonympha grandis Sutherland, 1933
 ART *Porotermes adamsoni* (Froggatt) [termite];
 gut; RU (1113)

Spirotrichonympha mirabilis Grassi, 1917
 ART *Porotermes adamsoni* (Froggatt) [termite];
 gut; RU (1113)

Subphylum: OPALINATA [opalinids, paraflagellates]
 Class: OPALINATEA [oblique rows]
 Order: OPALINIDA [endozoic in amphibians]
 Family: OPALINIDAE

Opalina intestinalis Raff, 1911
 AMP *Hyperolia marmorata* Keferstin, 1867
 [smooth toadlet]; intestines; R2 (979)

Opalina tenuis Raff, 1911
 AMP *Hyperolia marmorata* Keferstin, 1867
 [smooth toadlet]; intestines; R2 (979)

***Opalina* sp.**
 AMP *Limnodynastes dorsalis* (Gray, 1841)
 [western banjo frog]; intestine; R2 (209)
 AMP *Limnodynastes peronii* (Dumeril & Bibron,
 1841) [striped marsh frog]; intestine; R2 (209)
 AMP *Litoria aurea* (Lesson, 1829) [golden bell
 frog]; rectum, intestines; R2 (209, 212, 491)
 AMP *Litoria caerulea* (White, 1790) [green tree
 frog]; intestines; R1, R2 (209, 212, 581)

AMP *Litoria dorsalis* Macleay, 1877 [dwarf rocket frog]; intestines; R2 (212)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; R2 (212)

Protoopalina acuta (Raff, 1911) Metcalf, 1923; syn.

Opalina acuta Raff, 1911
 AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (275, 279)
 AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; R2 (768, 979)
 AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (279)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)
 AMP *Litoria inermis* (Peters, 1867) [-]; intestines; RU (275, 279)
 AMP *Litoria latopal mata* Gunther, 1867 [-]; intestines; RU (275, 279)
 AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (275, 279)
 AMP *Litoria pallida* Davis *et al.*, 1983 [-]; intestines; RU (275, 279)
 AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (275, 279)
 AMP *Litoria tornieri* (Nieden, 1923) [-]; intestines; RU (275, 279)

Protoopalina adelaidensis Metcalf, 1923

AMP *Litoria adelaidensis* (Gray, 1841) [slender tree frog]; intestines; R6 (275, 279, 768)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)
 AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (275, 279)
 AMP *Litoria nyakalensis* Liem, 1974 [-]; intestines; R1 (275, 279)
 AMP *Litoria rheocola* Liem, 1974 [-]; intestines; RU (275, 279)
 AMP *Litoria tyleri* Martin *et al.*, 1979 [-]; intestines; RU (275, 279)
 AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; intestines; RU (275, 279)

Protoopalina australis Metcalf, 1923

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1, R9, RU (275, 277, 279, 1087)
 AMP *Cyclorana novaehollandiae* Steindachner, 1867 [-]; intestines; RU (275, 279)
 AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)
 AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)
 AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (275, 279)
 AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; RU (275, 279, 768)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)
 AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (275, 279)
 AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (275, 279)
 AMP *Litoria dahlii* (Boulenger, 1896) [-]; intestines; RU (275, 279)
 AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (275, 279)
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)
 AMP *Litoria gracilent a* (Peters, 1869) [dainty green tree frog]; intestines; RU (275, 279)
 AMP *Litoria inermis* (Peters, 1867) [-]; intestines; RU (275, 279, 943)
 AMP *Litoria latopal mata* Gunther, 1867 [-]; intestines; RU (275, 279)
 AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (275, 279)
 AMP *Litoria moorei* (Copland, 1957) [western green bell frog]; intestines; RU (275, 279)
 AMP *Litoria nannotis* (Andersson, 1916) [torrent tree frog]; intestines; RU (275, 279)
 AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (275, 279, 943)
 AMP *Litoria nigrofrenata* (Gunther, 1867) [-]; intestines; RU (275, 279)
 AMP *Litoria nyakalensis* Liem, 1974 [-]; intestines; R1 (275, 279)
 AMP *Litoria pallida* Davis *et al.*, 1983 [-]; intestines; RU (275, 279)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275, 279)
 AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (275, 279)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279, 943)
 AMP *Litoria tornieri* (Nieden, 1923) [-]; intestines; RU (275, 279)
 AMP *Litoria tyleri* Martin *et al.*, 1979 [-]; intestines; RU (275, 279)
 AMP *Neobatrachus centralis* (Parker, 1940) [trilling frog]; intestines; RU (275, 279)
 AMP *Neobatrachus pelobatoides* (Werner, 1914) [humming frog]; intestines; RU (275, 279)

AMP *Uperoleia laevigata* Keferstein, 1867 [-]; intestines; RU (275, 279)

AMP *Xenopus laevis* (Daudin, 1803) [African clawed frog]; intestines (exptl. infection), RU (275)

Protoopalina bibronii Metcalf, 1940

AMP *Pseudophryne bibronii* Gunther, 1858 [brown toadlet]; intestines; R2, R5 (275, 279, 769)

AMP *Pseudophryne coriacea* Keferstein, 1868 [red-backed toadlet]; intestines; RU (275, 279)

Protoopalina dorsalis (Raff, 1912) Metcalf, 1923; syn. *P. peronii* Metcalf, 1923; syn. *Opalina dorsalis* Raff, 1912

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; R2, R6 (275, 279, 768, 769, 979)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279, 768)

Protoopalina hylarum (Raff, 1911) Metcalf, 1923

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; RU, R1, R9 (275, 277, 279, 1087)

AMP *Cyclorana brevipes* (Peters, 1871) [-]; intestines; RU (275, 279)

AMP *Cyclorana novaehollandiae* Steindachner, 1867 [-]; intestines; RU (275, 279)

AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (275, 279)

AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (275)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)

AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (275, 279)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; RU (275, 279, 768, 978)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)

AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (275, 279)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)

AMP *Litoria inermis* (Peters, 1867) [-]; intestines; RU (275, 279)

AMP *Litoria latopalmata* Gunther, 1867 [-]; intestines; RU (275, 279)

AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (275, 279)

AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (275, 279)

AMP *Litoria nigrofrenata* (Gunther, 1867) [-]; intestines; RU (275, 279)

AMP *Litoria pallida* Davis *et al.*, 1983 [-];

intestines; RU (275, 279)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275, 279)

AMP *Litoria raniformis* (Keferstein, 1867) [-]; intestines; RU (275, 279)

AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (275, 279)

AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279)

AMP *Litoria tornieri* (Nieden, 1923) [-]; intestines; RU (275, 279)

AMP *Neobatrachus centralis* (Parker, 1940) [trilling frog]; intestines; RU (275, 279)

AMP *Neobatrachus pictus* Peters, 1863 [-]; intestines; RU (275, 279)

Protoopalina jonesi Delvinquier, 1987

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

AMP *Limnodynastes salmini* Steindachner, 1867 [salmon-striped frog]; intestines; RU (275, 279)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)

AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (275, 279)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275, 279)

AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279)

AMP *Neobatrachus pelobatoides* (Werner, 1914) [humming frog]; intestines; RU (275, 279)

AMP *Pseudophryne bibronii* Gunther, 1858 [brown toadlet]; intestines; RU (275, 279)

Protoopalina papuensis Metcalf, 1923

AMP *Litoria infrafrenata* (Gunther, 1867) [giant tree frog]; intestines; RU (275, 279)

Protoopalina polykineta Grim & Clements, 1996

ACT *Acanthurus nigrofusus* Forsskal, 1775 [surgeonfish]; intestines; R21 (429)

Protoopalina queenslandensis Delvinquier, 1987

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)

AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (275, 279)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275, 279)

AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (275, 279)

AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279)

Protoopalina raffae Delvinquier, 1987; syn. *Opalina intestinalis* Raff, 1911

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; RU (275, 277, 279, 1087)

AMP *Cyclorana novaehollandiae* Steindachner, 1867 [-]; intestines; RU (275, 279)

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (275, 279, 978)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; RU (279, 978)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)

AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (275, 279, 978)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)

AMP *Litoria inermis* (Peters, 1867) [-]; intestines; RU (275, 279)

AMP *Litoria latopalmata* Gunther, 1867 [-]; intestines; RU (275, 279)

AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (275, 279)

AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (275, 279)

AMP *Litoria pallida* Davis *et al.*, 1983 [-]; intestines; RU (275, 279)

AMP *Litoria pearsoniana* (Copland, 1961) [-]; intestines; RU (275, 279)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275)

AMP *Litoria raniformis* (Keferstein, 1867) [-]; intestines; RU (275, 279)

AMP *Litoria rheocola* Liem, 1974 [-]; intestines; RU (275, 279)

AMP *Litoria rothii* (De Vis, 1884) [-]; intestines; RU (275, 279)

AMP *Litoria tornieri* (Nieden, 1923) [-]; intestines; RU (275, 279)

AMP *Litoria tyleri* Martin *et al.*, 1979 [-]; intestines; RU (275)

AMP *Uperoleia marmorata* Gray, 1841 [-]; intestines; R8 (275, 279)

Protoopalina singeri Delvinquier, 1987

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)

Protoopalina tenuis (Raff, 1911) Metcalf, 1923; syn. *Opalina tenuis* Raff, 1911

AMP *Crinia signifera* (Girard, 1853) [-]; intestines; R2 (768, 979)

AMP *Ranidella bilingua* Martin *et al.*, 1980 [-]; intestines; RU (275, 279)

AMP *Ranidella parinsignifera* (Main, 1957) [-]; intestines; RU (275, 279)

AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (275, 279)

AMP *Ranidella tasmaniensis* (Gunther, 1864) [-]; intestines; R3 (275, 279)

AMP *Uperoleia marmorata* Gray, 1841 [-]; intestines; R8 (275, 279)

Protoopalina tronchini Delvinquier, 1987

AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279)

AMP *Litoria verreauxii* (Dumeril, 1853) [-]; intestines; RU (275)

Protoopalina waterloti Delvinquier, 1987

AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (275, 279)

***Protoopalina* sp.**

ACT *Acanthurus nigrofuscus* Forsskal, 1775 [surgeonfish]; LU; RU (279)

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (384, 1087)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines (tadpoles); RU (275, 279)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; RU (279)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)

AMP *Litoria verreauxii* (Dumeril, 1853) [-]; intestines; RU (279)

AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; intestines (tadpoles); R1 (275, 279)

AMP *Pseudophryne bibronii* Gunther, 1858 [brown toadlet]; intestines; RU (275, 279)

Zelleriella antilliensis (Metcalf, 1914) Metcalf, 1923

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1, R9 (275, 277, 278, 279, 1087)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestines (exptl. infection in tadpole); R1 (278)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines (exptl. infection in tadpoles); R1 (278)

AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines (exptl. infection in tadpoles); R1 (278)

AMP *Xenopus laevis* (Daudin, 1803) [African clawed frog]; intestines (exptl. infection), RU (278)

Zelleriella binucleata (Raff, 1911) Metcalf, 1923; syn. *Opalina binucleata* Raff, 1911

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (275, 768, 978)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279, 978)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279, 768, 978)

Zelleriella camusi Delvignier, 1987

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)

Zelleriella devincki Delvignier, 1987

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)

AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (275, 279)

Zelleriella hoytei Delvignier, 1987

AMP *Adelotus brevis* (Gunther, 1863) [tusked frog]; intestines; R1 (275, 279)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines (exptl. infection in tadpoles); R1 (275)

AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; intestines (tadpoles); R1 (275, 279)

Zelleriella vivieri Delvignier, 1987

AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (275, 279)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

Zelleriella sp.

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (277, 384, 1087)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines (tadpoles); RU (275, 279)

Subphylum: SARCODINA [amoebae]
Superclass: RHIZOPODEA [rhizopod amoebae]
Class: LOBOSEA [amoebae with lobopodia]
Subclass: GYMNAMEOBIA [naked amoebae]
Order: AMOEBIDA [trophozoites cylindrical, no subpseudopodia]
Suborder: THECINA [partly flattened body with ridged pellicular layer]
Family: THECAMOEBIDAE

Thecamoeba sp.

CHO *Heterodontus galeatus* Günther, 1870 [crested Port Jackson shark]; gills; aquarium (144, 628, 634, 983)

Suborder: TUBULINA [cylindrical body, granular pseudopods]

Family: AMOEBIDAE

Amoeba sp.

AMP *Litoria caerulea* (White, 1790) [green tree frog]; gut; R1 (581)

MAM *Homo sapiens* Linnaeus, 1758 [human], gut; RU (692, 876)

Malameba locustae (King & Taylor, 1936) Henry, 1968;

syn. *Malpighamoeba locustae* King & Taylor, 1936

ART *Austroicetes cruciata* Saussure, 1888 [small plague grasshopper]; Malpighian tubules; R5 (269)

ART *Chortoicetes terminifera* (Walker, 1870) [plague locust]; Malpighian tubules; R5 (269)

ART *Pardillana limbata* (Stal, 1878) [grasshopper]; haemocoel, Malpighian tubules; R4 (335)

ART *Pteronemobius* sp.; Malpighian tubules; R4 (335)

Family: ENTAMOEBIDAE

Dientamoeba fragilis Jepps & Dobell, 1918

MAM *Homo sapiens* Linnaeus, 1758 [human], gut; RU, R2 (65, 130, 692, 1217)

Endamoeba sp.

REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; rectum; R5 (586)

Endolimax nana (Wenyon & O'Connor, 1917) Brug, 1918

MAM *Homo sapiens* Linnaeus, 1758 [human], colon, faeces; RU, R2, R3 (65, 405, 692, 1217)

Entamoeba coli (Grassi, 1879) Casagrandi & Barbagallo, 1895

MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R8 (763, 1148)

MAM *Homo sapiens* Linnaeus, 1758 [human], gut, faeces; RU, R1, R2, R3, R8 (65, 405, 567, 570, 692, 741, 763, 1217, 1244)

Entamoeba gingivalis (Gros, 1849); syn. *Amoeba buccalis*,

Entamoeba buccalis

MAM *Homo sapiens* Linnaeus, 1758 [human],
mouth; RU (562, 567, 573, 692)

Entamoeba hartmanni Prowazek, 1912

MAM *Homo sapiens* Linnaeus, 1758 [human],
faeces; R2, R8 (763, 1217)

Entamoeba histolytica Schaudinn, 1903

MAM *Homo sapiens* Linnaeus, 1758 [human],
gut, liver, faeces; RU, R2, R3 (65, 80, 132, 194, 240,
359, 405, 518, 562, 567, 570, 573, 581, 692, 1139,
1209, 1217, 1244)

Entamoeba morula Raff, 1911

AMP *Limnodynastes dorsalis* (Gray, 1841)

[western banjo frog]; intestines (tadpoles); RU (979)

AMP *Limnodynastes tasmaniensis* Gunther, 1858
[spotted grass frog]; intestines (tadpoles); RU (979)

AMP *Litoria aurea* (Lesson, 1829) [golden bell
frog]; intestines (adults + tadpoles); RU, R2 (979)

AMP *Litoria lesueuri* (Dumeril & Bibron, 1841)
[Lesueur's frog]; intestines; R2 (979)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's
tree frog]; intestines; RU (979)

Entamoeba muris (Grassi, 1879)

MAM *Mus musculus* Linnaeus, 1758 [house
mouse]; gut; RU (284, 692)

MAM *Rattus norvegicus* (Berkenhout, 1769)
[brown rat]; gut; RU (692)

Entamoeba polecki Prowazek, 1912

MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut; RU
(692)

***Entamoeba* sp.**

MAM *Isoodon obesulus* (Shaw, 1797) [southern
brown bandicoot]; intestines; RU (692)

MAM *Macropus* sp.; faeces, forestomach; zoo
(USA) (1007)

MAM *Rattus villosissimus* (Waite, 1898) [long-
haired rat]; gut; RU (692)

MAM *Setonix brachyurus* (Quoy & Gaimard,
1830) [quokka]; intestines; RU (692)

MAM *Trichosurus vulpecula* (Kerr, 1792)
[common brushtail possum]; intestines; RU (692)

REP *Morelia spilotes* (Lacepede, 1804) [carpet
python]; faeces; R1 (899)

Iodamoeba butschlii (Prowazek, 1911) Dobell, 1919

MAM *Homo sapiens* Linnaeus, 1758 [human],
gut, faeces; RU, R2, R3 (65, 283, 405, 692, 728, 1217,
1244)

Family: HARTMANELLIDAE

Hyalodaktylithra renacuajo (Frenzel, 1892) Delvignier &
Freeland, 1988; syn. *Saccamoeba renacuajo* Frenzel,
1892

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad];
cloaca (adults and tadpoles); R1, R9 (277, 1087)

***Saccamoeba* sp.**

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad];
intestines; R1 (384)

Family: VAHLKAMPFIIDAE

Naegleria australiensis DeJonckheere, 1981

MAM *Mus musculus* Linnaeus, 1758 [house
mouse]; brain (exptl. infection); RU (272)

Naegleria fowleri Carter, 1970

MAM *Homo sapiens* Linnaeus, 1758 [human],
brain, cerebrospinal fluid; R1, R5, R6 (1, 9, 180, 181,
182, 351, 354, 356, 381, 425, 524, 532)

MAM *Mus musculus* Linnaeus, 1758 [house
mouse]; brain (exptl. infection); R5 (8, 9, 181, 182,
352, 353, 354, 355, 356, 357, 523, 1152, 1153, 1154,
1155, 1156)

Suborder: CONOPODINA [triangular body]

Family: PARAMOEBIDAE

Paramoeba pemaquidensis Page, 1970

ACT *Salmo salar* Linnaeus, 1758 [Atlantic
salmon]; gills; RU (670)

***Paramoeba* sp.**

ACT *Salmo gairdneri* Richardson, 1836
[rainbow trout]; gills; R3 (627, 628, 634, 855, 857)

ACT *Salmo salar* Linnaeus, 1758 [Atlantic
salmon]; gills; R3, R15 (4, 365, 627, 628, 634, 852,
855, 857, 858, 1022)

Suborder: ACANTHOPODINA

Family: ACANTHAMOEBIDAE

***Acanthamoeba* sp.**

MAM *Homo sapiens* Linnaeus, 1758 [human],
eye, brain; R5, R6 (44, 183, 532, 1028)

MAM *Macropus giganteus* Shaw, 1790 [eastern
grey kangaroo]; brain; R1 (874)

MAM *Mus musculus* Linnaeus, 1758 [house
mouse]; LU; R5 (556)

MAM *Rattus norvegicus* (Berkenhout, 1769)
[brown rat]; cornea; R5 (44)

ORDER: LEPTOMYXIDA

Family: LEPTOMYXIDAE

Balamuthia mandrillaris Visvesvara *et al.*, 1993

MAM *Pongo pygmaeus* Linnaeus, 1760 [orang
utan], brain, R2, zoo (Aust.) (169)

Unidentified amoebae

ACT *Carassius auratus* (Linnaeus, 1758)
[golden carp]; various tissues; RU (858)

ART *Stoloterme victoriensis* Hill,
1921[termite]; gut; RU (1113)

- MAM *Macropus eugenii* (Desmarest, 1817)
[tamar wallaby]; LU; RU (826, 851)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach, oesophagus; RU (826, 851, 906)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; glandular stomach; RU (825, 826, 851, 874)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; stomach, oesophagus; RU (906)
- MAM *Wallabia bicolor* (Desmarest, 1804)
[swamp wallaby]; stomach, oesophagus; RU (906)
- Phylum: APICOMPLEXA [with apical complex]
Class: GREGARINIA [gregarines, large gamonts]
Order: NEOGREGARINIDA [merogony present]
Family: LIPOTROPHIDAE
- Mattesia sp.**
- ART *Oncopera intricata* Walker, 1856 [corbie]; larvae; R3 (1270)
- ART *Oncopera rufobrunnea* Tindale, 1933
[underground grass grub]; larvae; R3 (1270)
- Order: EUGREGARINIDA [trophonts extracellular]
Family: LECUDINIDAE
- Monocystella epibatis** Cannon & Jennings, 1988
- PLA *Pterastericola vivipara* Cannon, 1978
[turbellarian parasitic in crown-of-thorns starfish *Acanthaster planci*]; gut; R21 (174, 526)
- Family: POROSPORIDAE
- Nematopsis sp.**
- ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; foregut; R13 (1067)
- Unidentified gregarines**
- ART *Coptotermes acinaciformis* Froggatt, 1898
[termite]; coelum; R1 (507)
- ART *Myrmecia pilosula* (Smith, 1858) [ant]; body cavity; R2, R4 (237)
- ART *Saron marmoratus* (Nobili, 1904) [shrimp]; intestine, rectum; R21 (658)
- Class: COCCIDIA [small intracellular gamonts]
Order: ADELEIDA [adeleorine coccidia]
Family: HAEMOGREGARINIDAE [gamonts in blood cells, transmitted by invertebrates]
- Haemogregarina amethystina** Johnston, 1909
- REP *Morelia amethystinus* (Schneiger, 1801)
[amethystine python]; blood; R1 (211, 566, 570, 572, 577, 581, 695)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1 (695)
- Haemogregarina aspidomorphi** Mackerras, 1961
- REP *Cacophis harriettae* Krefft, 1869 [white-crowned snake]; blood, liver, lung; R1 (695)
- REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; blood, liver, lung; R1 (695)
- REP *Stegonotus plumbeus* (Macleay, 1884)
[slaty grey snake]; blood, liver, lung; R1 (695)
- Haemogregarina aulopi** Mackerras & Mackerras, 1925
- ACT *Latropiscus purpurissatus* (Richardson, 1843) [Sergeant baker]; blood; R14 (684, 696)
- ACT *Parma microlepis* Gunther, 1862 [white-ear]; blood; R14 (79, 684, 696)
- Haemogregarina australis** Mackerras, 1961
- REP *Pseudechis australis* (Gray, 1842) [king brown snake]; blood; R1 (695)
- Haemogregarina bancrofti** Johnston & Cleland, 1912
- REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; blood; R1 (695)
- REP *Pseudechis australis* (Gray, 1842) [king brown snake]; blood; R1 (211, 212, 575, 577, 581, 695)
- REP *Pseudechis guttatus* De Vis, 1905 [spotted black snake]; blood; R1 (575, 695)
- REP *Pseudechis moretonensis* De Vis, 1905
[orange-bellied brown snake]; blood; R1 (575, 577, 581)
- Haemogregarina bigemina** Laveran & Mesnil, 1901
- ACT *Ecsenius bicolor* (Day, 1888) [-]; blood; R21 (137, 658)
- Haemogregarina boigae** Mackerras, 1961
- REP *Boiga fusca* (Gray, 1842) [brown tree snake]; blood, liver, lung; R1 (695)
- Haemogregarina calligaster** Lewis, 1913
- REP *Dendrelaphis calligaster* (Gunther, 1867)
[northern tree snake]; blood; R8, R9 (665, 695)
- Haemogregarina carcharias** Laveran, 1908
- CHO *Odontaspis* sp.; blood; R21 (79, 696)
- Haemogregarina clelandi** Johnston, 1909
- REP *Chelodina expansa* Gray, 1857 [broad-shelled river turtle]; blood; R1 (695)
- REP *Chelodina longicollis* (Shaw, 1794) [long-necked tortoise]; blood; R1, R4 (128, 211, 212, 565, 575, 577, 581, 695)
- REP *Chelodina oblonga* Gray, 1841 [oblong turtle]; blood; R4 (211, 565, 570, 572, 577, 695)
- REP *Elseya dentata* (Gray, 1863) [northern snapping turtle]; blood; R4 (695)
- REP *Elseya latisternum* Gray, 1867 [saw-shelled turtle]; blood; R4 (695)
- REP *Emydura krefftii* (Gray, 1871) [Krefft's river turtle]; blood; R4 (211, 572, 575, 577, 581, 695)
- REP *Emydura macquarii* (Gray, 1830) [Murray turtle]; blood; R4 (577, 581, 695)
- Haemogregarina cunninghami** Mackerras, 1961
- REP *Egernia cunninghami* (Gray, 1832)
[Cunningham's skink]; blood; R1, R2 (695)
- REP *Egernia striolata* (Peters, 1870) [tree

- skink]; blood; R1 (695)
- Haemogregarina darwinensis*** Lewis, 1913
 REP *Pseudechis australis* (Gray, 1842) [king brown snake]; blood; R8, R9 (665, 695)
- Haemogregarina dendrophidis*** Johnston & Cleland, 1910
 REP *Dendrelaphis punctulata* (Gray, 1826) [common tree snake]; blood; R1 (211, 212, 572, 577, 581, 695)
- Haemogregarina denisoniae*** Mackerras, 1961
 REP *Denisonia pallidiceps* (Gunther, 1858) [little black snake]; blood; R1 (695)
 REP *Denisonia signata* (Jan, 1859) [marsh snake]; blood; R1 (695)
 REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; blood; R1 (695)
 REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; blood; R1 (695)
- Haemogregarina egerniae*** Mackerras, 1961
 REP *Egernia cunninghami* (Gray, 1832) [Cunningham's skink]; blood; R2 (695)
 REP *Egernia striolata* (Peters, 1870) [tree skink]; blood; R1 (695)
- Haemogregarina eidsvoldensis*** Mackerras, 1961
 REP *Pseudechis australis* (Gray, 1842) [king brown snake]; blood; R1 (695)
- Haemogregarina fuscus*** Lewis, 1913
 REP *Bothrochilus fuscus* (Peters, 1873) [water python]; blood, liver, lung; R8 (665, 695)
- Haemogregarina gilbertiae*** Mackerras & Mackerras, 1925
 ACT *Ellerkeldia annulata* (Gunther, 1859) [banded dea-perch]; blood; R14 (79, 684, 696)
- Haemogregarina gilruthi*** Mackerras, 1961
 REP *Varanus tristis* (Schlegel, 1839) [spotted goanna]; blood; R1 (695)
- Haemogregarina gouldii*** Johnston & Cleland, 1912
 REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; blood, R1 (211, 575, 577, 581, 695)
- Haemogregarina hemiscyllii*** Mackerras & Mackerras, 1961
 CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; blood; R21 (79, 137, 658, 696)
- Haemogregarina heteronotae*** Mackerras, 1961
 REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; blood, lung; R1 (695)
- Haemogregarina hinuliae*** Johnston & Cleland, 1910
 REP *Sphenomorphus quoyii* (Dumeril & Bibron, 1839) [eastern water skink]; blood; R1, R2 (211, 212, 572, 577, 695)
- Haemogregarina hylae*** Cleland & Johnston, 1910
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; blood, liver; R1, R2 (209, 211, 212, 214, 581, 696, 1091, 1092)
- Haemogregarina johnstoni*** Mackerras, 1961
 REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; blood, liver, heart; R1 (695)
 REP *Varanus varius* (White, 1790) [lace monitor]; blood, liver, heart; R1 (695)
- Haemogregarina megalocystis*** Gilruth *et al.*, 1910
 REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; RU (392, 577, 695)
- Haemogregarina mirabilis*** Castellani & Willey, 1904
 REP *Boiga fusca* (Gray, 1842) [brown tree snake]; blood, liver, lung; R1 (695)
 REP *Styporhynchus mairii* (Gray, 1841) [keelback]; blood, liver, lungs; R1 (695)
- Haemogregarina moreliae*** Johnston, 1909
 REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R7 (211, 565, 570, 572, 577, 695)
- Haemogregarina obscura*** Mackerras, 1961
 REP *Egernia cunninghami* (Gray, 1832) [Cunningham's skink]; blood; R2 (695)
- Haemogregarina palmeri*** Mackerras, 1961
 REP *Physignathus lesueurii* (Gray, 1831) [eastern water dragon]; blood; R2 (695)
- Haemogregarina parmae*** Mackerras & Mackerras, 1925
 ACT *Parma microlepis* Gunther, 1862 [white-ear]; blood; R14 (79, 684, 696)
- Haemogregarina pococki*** Sambon & Seligmann, 1907
 REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1 (695)
- Haemogregarina pseudechis*** Johnston, 1909
 REP *Pseudechis australis* (Gray, 1842) [king brown snake]; blood; R1 (695)
 REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; blood; R1, R2 (211, 212, 565, 570, 572, 575, 577, 695)
- Haemogregarina pythonis*** (Billet, 1895) Labbe, 1899; syn. *Danilewskya pythonis* Billet, 1895
 REP *Chondropython viridis* (Schlegel, 1872) [green python]; blood; R1, R2 (695)
 REP *Morelia amethystinus* (Schneiger, 1801) [amethystine python]; blood; R1, 2 (695)
 REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1, R2 (695)
 REP *Python reticulatus* (Schneider, 1801) [reticulated python]; blood; R1, R2 (695)
- Haemogregarina shattocki*** Sambon & Seligmann, 1907
 REP *Morelia amethystinus* (Schneiger, 1801) [amethystine python]; blood, liver, lung; RU (695, 1035)
 REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood, liver, lung; RU, R1, zoo (UK) (211, 212, 565, 570, 572, 575, 577, 581, 695, 1035)
 REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; blood, liver, lung; RU (695)

- REP *Pseudechis guttatus* De Vis, 1905 [spotted black snake]; blood, liver, lung; RU (695)
- Haemogregarina stegonoti** Mackerras, 1961
- REP *Stegonotus plumbeus* (Macleay, 1884) [slaty grey snake]; blood; R1 (695)
- Haemogregarina taeniolati** Mackerras, 1961
- REP *Ctenotus taeniolatus* (White, 1790) [copper-tailed skink]; blood; R2 (695)
- Haemogregarina tetradontis** Mackerras & Mackerras, 1961
- ACT *Arothron hispidus* (Linnaeus, 1758) [broad-barred toadfish]; blood; R13, R27 (79, 696)
- ACT *Diodon hystrix* Linnaeus, 1758 [porcupine fish]; blood; R21 (137, 658)
- Haemogregarina tiliquae** Johnston & Cleland, 1912
- REP *Tiliqua scincoides* (White, 1790) [eastern blue-tongued lizard]; blood, R2 (211, 212, 575, 577, 695)
- Haemogregarina varanicola** Johnston & Cleland, 1910
- ART *Aponomma trimaculatum* (Lucas, 1878) [reptile tick]; intestine; R1 (128, 581)
- REP *Varanus bellii* Dumeril & Bibron, 1839 [-]; blood; R1 (580, 581)
- REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; blood; R1 (572, 695)
- REP *Varanus tristis* (Schlegel, 1839) [spotted goanna]; blood; R4 (128, 572, 581, 695, 697)
- REP *Varanus varius* (White, 1790) [lace monitor]; blood; R4 (211, 212, 572, 575, 577, 695)
- Haemogregarina sp.**
- ACT *Pomacentrus melanochir* Russel *et al.*, 1974 [-]; blood; R21 (137, 658)
- MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; blood; RU (692)
- REP *Acanthophis antarcticus* (Shaw & Nodder, 1802) [common death adder]; blood; zoo (UK) (695, 1055)
- REP *Acanthophis praelongus* Ramsay, 1877 [northern death adder]; blood; R1 (899)
- REP *Amphibolurus caudicinctus* (Gunther, 1875) [ring-tailed dragon]; blood; R1 (899)
- REP *Aspidites melanocephalus* (Kreffit, 1864) [black-headed python]; blood; R1 (899)
- REP *Boiga fusca* (Gray, 1842) [brown tree snake]; blood; R1 (128, 581)
- REP *Boiga irregularis* (Merrem, 1802) [brown tree snake]; blood; R1 (899)
- REP *Bothrochilus childreni* (Gray, 1842) [Children's python]; blood; R1 (899)
- REP *Bothrochilus fuscus* (Peters, 1873) [water python]; blood; R1 (899)
- REP *Bothrochilus olivaceus* (Gray, 1842) [olive python]; blood; R1, R9 (899, 900)
- REP *Carlia jarnoldae* Covacevich & Ingram, 1975 [-]; blood; R1 (899)
- REP *Carlia vivax* (De Vis, 1884) [-]; blood; R1 (899)
- REP *Chelodina expansa* Gray, 1857 [broad-shelled river turtle]; blood; zoo (Aust.) (581, 960)
- REP *Demansia psammophis* (Schlegel, 1837) [yellow-faced whip snake]; blood; R8 (211, 212, 572, 577, 695)
- REP *Gehyra robusta* King, 1983 [robust dtella]; blood; R1, R9 (899, 900)
- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; blood; R1, R4 (285, 695, 1093, 1094)
- REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; blood; R1 (899)
- REP *Lialis burtonis* Gray, 1835 [Burton's snake-lizard]; blood; R1, R9 (899, 900)
- REP *Lygosoma taeniolatum* White, ex Shaw, 1790 [copper-tailed skink]; blood; R1 (577, 581)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1, R4, zoo (UK) (743, 899, 1054)
- REP *Nephrurus wheeleri* Loveridge, 1932 [-]; blood; R1 (899)
- REP *Oedura tyroni* De Vis, 1884 [southern spotted velvet gecko]; blood; R1 (577, 581)
- REP *Phyllurus platurus* (White, 1790) [southern leaf-tailed gecko]; blood; R2 (695)
- REP *Physignathus lesueurii* (Gray, 1831) [eastern water dragon]; blood; R1 (899)
- REP *Pseudechis australis* (Gray, 1842) [king brown snake]; blood; R1 (899)
- REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; blood; zoo (UK) (445)
- REP *Stegonotus cucullatus* (Dumeril, Bibron & Dumeril, 1854) [slaty grey snake]; blood; R1 (899)
- REP *Styporhynchus mairii* (Gray, 1841) [keelback]; blood; R1 (899)
- REP *Varanus varius* (White, 1790) [lace monitor]; blood; R4 (393, 577, 697)
- Hepatozoon breinli** (Mackerras, 1961)
- ART *Culex quinquefasciatus* Say, 1823 [brown house mosquito]; haemocoel; R1 (697)
- REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; blood; R1 (695, 697)
- REP *Varanus tristis* (Schlegel, 1839) [spotted goanna]; blood; R1 (695, 697)
- REP *Varanus varius* (White, 1790) [lace monitor]; blood; R1 (695, 697)
- Hepatozoon dasyuri** (Welsh *et al.*, 1909) Wenyon, 1926; syn. *Haemogregarina dasyuri* Welsh *et al.*, 1909
- MAM *Dasyurus viverrinus* (Shaw, 1800) [eastern quoll]; blood; R2 (563, 570, 693, 826, 851, 1230, 1231, 1234, 1230)
- Hepatozoon dasyuroides** Mackerras, 1959
- MAM *Dasyercus* (syn. *Dasyuroides*) byrnei (Spencer, 1896) [kowari]; blood; R10 (693)

Hepatozoon muris (Balfour, 1906) Wenyon, 1926; syn.*Leucocytozoon muris* Balfour, 1906; syn.*Leucocytozoon ratti* Adie, 1906; syn.*Haemogregarina muris* (Balfour, 1906) Laveran, 1905; = *Haemogregarina balfouri* Laveran, 1905MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood; RU (727)MAM *Rattus fuscipes* (Waterhouse, 1839) [allied rat]; blood; R1, R2, R6, (692, 693)MAM *Rattus sordidus* (Gould, 1858) [canefield rat]; blood; R1, R2, R6 (693)MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; blood; R1, R2, R6 (203, 562, 568, 569, 570, 573, 692, 693)MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; blood; R1, R2, R6 (568, 570, 573, 583, 692, 693, 899)MAM *Rattus* sp.; blood; RU (205, 692, 727)**Hepatozoon peramelis** (Welsh & Dalyell, 1909), Wenyon, 1926; syn. *Haemogregarina peramelis* Welsh & Dalyell, 1909MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; RU (691, 693, 826, 851)MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; blood; RU (693, 826, 851, 1228, 1229, 1234)**Hepatozoon petauri** (Welsh & Barling, 1909) Wenyon, 1926; syn. *Haemogregarina petauri* Welsh & Barling, 1909MAM *Petaurus breviceps* Waterhouse, 1839 [sugar glider]; blood; RU (692, 693, 826, 851)MAM *Petaurus norfolcensis* (Kerr, 1792) [squirrel glider]; blood; RU (563, 570, 693, 826, 851, 1226, 1227, 1234)**Hepatozoon pseudecheiri** Mackerras, 1959MAM *Pseudocheirus langinosus* (Gould, 1858) [ring tail possum]; blood; R1 (693)**Hepatozoon sp.**MAM *Canis familiaris* Linnaeus, 1758 [dog]; blood, liver; R1 (136, 692, 1059)MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; blood; R3 (77, 899)MAM *Pseudocheirus herbertensis* (Collett, 1884) [Herbert River ringtail possum]; blood; R1 (1084)MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat]; blood; R1 (899)**Schellackia sp.**REP *Bothrochilus olivaceus* (Gray, 1842) [olive python]; blood; R1, R9 (899, 900)REP *Nephrurus wheeleri* Loveridge, 1932 [-]; blood; R1 (899)REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; blood; R1 (899)**Unidentified haemogregarine species**MAM *Pseudocheirus herbertensis* (Collett, 1884) [Herbert River ringtail possum]; blood; R1 (1084)

Family: KLOSSIELLIDAE

Klossiella bettongiae Barker *et al.*, 1985MAM *Bettongia gaimardi* (Desmarest, 1822) [Tasmanian bettong]; kidney; R3 (58, 851)**Klossiella beveridgei** Barker *et al.*, 1985MAM *Lagorchestes conspicillatus* Gould, 1842 [spectacled hare-wallaby]; kidney; R1 (58, 851)**Klossiella callitris** Barker *et al.*, 1975MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; kidney; R4 (54, 826, 851, 1124)**Klossiella convolutor** Barker *et al.*, 1975MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; kidney; R3 (54, 826, 851, 971, 1124)**Klossiella equi** Baumann, 1946MAM *Equus caballus* Linnaeus, 1758 [horse]; kidney; R1 (29, 167, 644)**Klossiella hydromyos** Winter & Watt, 1972MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; kidney; R1 (1073, 1074, 1124, 1249)**Klossiella muris** Smith & Johnson, 1902MAM *Mus musculus* Linnaeus, 1758 [house mouse]; kidney; RU (284, 692)**Klossiella quimrensis** Barker *et al.*, 1975MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; kidney; R3 (54, 826, 851, 1124)MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; kidney; R3 (54, 826, 851, 1124)**Klossiella rufi** Barker *et al.*, 1985MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; kidney; R4 (58)**Klossiella rufogrisei** Barker *et al.*, 1985MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; kidney; R3 (58)**Klossiella schoinobatis** Barker *et al.*, 1985MAM *Petauroides volans* (Kerr, 1792) [greater glider]; kidney; R2 (58, 851)**Klossiella serendipensis** Barker *et al.*, 1975MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; kidney; R2 (54, 826, 851, 1124)**Klossiella thylogale** Barker *et al.*, 1985MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; kidney; R3 (58)**Klossiella sp.**MAM *Dasyercus* (syn. *Dasyuroides*) *byrnei* (Spencer, 1896) [kowari]; kidney; RU (826, 851)MAM *Hemibelideus lemuroides* (Collett, 1884) [lemuroid ringtail possum]; kidney; R1 (1084)MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; kidney; RU, R1 (691, 692)

- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; kidney; RU (826, 851)
MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; kidney; R4 (30, 826, 851)
MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; kidney; RU (692)
MAM *Potorous tridactylus* (Kerr, 1792) [southern potoroo]; kidney; R3 (54, 826, 851)
MAM *Pseudocheirus archeri* (Collett, 1884) [green ringtail possum]; kidneys; R1 (1084)
MAM *Pseudocheirus herbertensis* (Collett, 1884) [Herbert River ringtail possum]; kidney; R1 (1084)
MAM *Rattus* sp.; kidney; R1 (398)
MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; kidney; RU (826, 851)
- Order: EIMERIIDA [eimeriorine coccidia]
Family: AGGREGATIDAE
- Aggregata sp.**
ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; connective tissues; R13 (1067)
- Family: PFEIFFERINELLIDAE
Pfeifferinella sp.?
MAM *Thylogale thetis* (Lesson, 1827) [red-necked pademelon]; faeces; RU (60)
- Family: CRYPTOSPORIDIIDAE
Cryptosporidium agni Barker & Carbonell, 1974
MAM *Ovis aries* Linnaeus, 1758 [sheep]; small intestines; R2 (53, 167)
Cryptosporidium bovis Barker & Carbonell, 1974
MAM *Bos taurus* Linnaeus, 1758 [ox]; small intestines; R2 (53, 167)
Cryptosporidium muris Tyzzer, 1907
MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (1085)
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut; RU (284, 692)
Cryptosporidium parvum Tyzzer, 1912
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R5, R6 (765, 796, 797, 798, 799, 1239)
MAM *Homo sapiens* Linnaeus, 1758 [human], faeces; R5, R6 (184, 765, 796, 797, 798, 799, 1239)
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut (exptl. infection); R6 (765)
MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; faeces; R5 (798)
- Cryptosporidium sp.**
ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; intestines; R1 (144, 349, 400, 919, 1207)
ACT *Pterophyllum* sp.; gut; RU (aquarium) (627, 628, 634, 858)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; faeces; R5 (896, 898)
AVE *Neochmia modesta* (Gould, 1837) [plum-headed finch]; trachea; R1 (899)
AVE *Anas platyrhynchos* Linnaeus, 1758 [mallard]; trachea, nasal cavity, bursa; R5 (801, 889, 896, 898)
AVE *Cacatua alba* Müller, 1776 [umbrella cockatoo, white cockatoo]; bursa; aviary (USA) (639)
AVE *Cacatua galerita* (Latham, 1790) [sulphur-crested cockatoo]; bursa, intestines; aviary (USA) (639)
AVE *Coturnix coturnix* Linnaeus, 1758 [common quail]; trachea, nasal cavity, bursa; R2, R5 (167, 673, 801, 889, 989, 1138)
AVE *Emblema bella* (Latham, 1801) [beautiful firetail]; proventriculus; aviary (USA) (94)
AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; bursa, trachea, faeces (exptl. infection); RU, R5 (801, 889, 1177)
AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; trachea, intestines; R5 (349, 885, 889, 896, 898)
AVE *Pavo cristatus* Linnaeus, 1758 [peafowl]; trachea, conjunctiva; RU (167, 673, 732, 801)
AVE *Phasianus colchicus* Linnaeus, 1758 [common pheasant]; trachea, nasal cavity, bursa; R2, R5 (673, 801, 889, 1237)
MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; small intestine; R2 (55, 349)
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces, small intestines; RU, R2, R5 (529, 889, 1173, 1176, 1177, 1178)
MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R3 (184, 593, 780)
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces, small intestines; R5 (167, 349, 554, 676, 677, 678, 734, 1174, 1239)
MAM *Dugong dugon* (Müller, 1776) [dugong]; small intestine; R21 (478)
MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces; RU (167, 349, 1177)
MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R6 (1036)
MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, intestines, bile; R2, R3, R5, R10 (37, 80, 167, 239, 349, 358, 426, 466, 470, 675, 677, 678, 740, 889, 935, 1102, 1175, 1177, 1178, 1179, 1180, 1183, 1225)
MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; intestines; R5 (349, 898)
MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; intestines; R5 (349, 898)
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; small intestine, faeces; RU, R5 (167, 889, 1177)

- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (exptl. infection); RU, R5 (349, 889, 1177)
- MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; intestines; R5 (349, 898)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; small intestine, faeces; RU, R2, R5, R6 (167, 349, 668, 889, 1173, 1177, 1178)
- MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; intestines; R5 (349, 898)
- MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; intestines; R5 (349, 898)
- REP *Acanthophis antarticus* (Shaw & Nodder, 1802) [common death adder]; faeces; R1, R5 (796, 896, 898, 899)
- REP *Aspidites ramsayi* (Macleay, 1882) [woma]; faeces; R5 (896, 898)
- REP *Bitis gabonica* Duméril, Bibron & Duméril, 1854 [Gaboon viper]; faeces; R2, zoo (Aust.) (125, 1207)
- REP *Chelonia mydas* (Linnaeus, 1758) [green turtle]; intestines; R13 (899)
- REP *Elaphe guttata* (Linnaeus, 1766) [corn snake]; faeces; R2, zoo (Aust.) (125, 1207)
- REP *Elaphe obsoleta* (Say, 1823) [rat snake]; faeces; R2, zoo (Aust.) (125, 1207)
- REP *Heloderma suspectum* (Cope, 1869) [Gila monster]; faeces; R5, zoo (Aust.) (896, 898)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; faeces; R5 (896, 898)
- REP *Notechis ater* (Krefft, 1866) [black tiger snake]; stomach, faeces; R2, zoo (Aust.) (177, 896, 898)
- REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; stomach, faeces; R2, zoo (Aust.) (177)
- REP *Oxyuranus microlepidotus* (McCoy, 1879) [inland taipan]; faeces; R5 (896, 898)
- REP *Oxyuranus scutellatus* (Peters, 1867) [taipan]; faeces; R5, zoo (Aust.) (125, 796, 1207)
- REP *Pseudechis australis* (Gray, 1842) [king brown snake]; faeces; R5 (898)
- REP *Pseudechis guttatus* De Vis, 1905 [spotted black snake]; faeces; R5 (896, 898)
- REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; faeces, stomach; R2, R5 (743, 746, 1207)
- REP *Pseudonaja affinis* Gunther, 1872 [dugite]; faeces; R5 (896, 898)
- REP *Pseudonaja nuchalis* Gunther, 1858 [western brown snake]; faeces; R5 (896, 898)
- REP *Pseudonaja textilis* (Dumeril *et al.*, 1854) [eastern brown snake]; faeces, R5 (896, 898)
- REP *Tropidechis carninatus* (Krefft, 1863) [rough-scaled snake]; faeces; R5 (898)
- REP *Varanus giganteus* (Gray, 1845) [perentie]; faeces; R5 (898)
- Family: LANKESTERELLIDAE
- Lankesterella paddae*** (Aragao, 1911) Lainson, 1959; syn. *Atoxoplasma paddae* (Aragao, 1911) Laird, 1959
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; blood; R2 (446, 694)
- AVE *Zosterops caeruleascens* Latham, 1801 [silver-eye]; blood; zoo (NZ) (446, 694)
- Lankesterella picumni*** Mackerras & Mackerras, 1960
- AVE *Climacteris picumnus* Temminck, 1824 [brown treecreeper]; blood; R4 (446, 694)
- Family: EIMERIIDAE
- Caryospora cheloniae*** Leibovitz *et al.*, 1978
- REP *Chelonia mydas* (Linnaeus, 1758) [green turtle]; intestines, kidney, brain; R13 (421)
- Caryospora demansiae*** Cannon, 1967
- REP *Demansia psammophis* (Schlegel, 1837) [yellow-faced whip snake]; faeces, intestine; R1 (170, 1206)
- Caryospora dendrelaphis*** Cannon & Rzepczyk, 1974
- REP *Dendrelaphis punctulata* (Gray, 1826) [common tree snake]; faeces; R1 (173, 1206)
- Caryospora* sp.**
- REP *Acanthophis antarticus* (Shaw & Nodder, 1802) [common death adder]; faeces; R1 (899)
- REP *Chelonia mydas* (Linnaeus, 1758) [green turtle]; intestines; R13 (899)
- AVE *Coracina novaehollandiae* (Gmelin, 1789) [black-faced cuckoo-shrike]; faeces; R1 (899)
- Cyclospora* sp.** (= CLB's, cyanobacteria-like or coccidia-like bodies)
- MAM *Homo sapiens* Linnaeus, 1758 [human], faeces; R1, R2, R5 (141, 742, 913)
- Eimeria ablephari*** Cannon, 1967
- REP *Ablepharus boutonii* (Macleay, 1877) [callous-palmed shinning-skink]; faeces, small intestine; R1 (172)
- Eimeria acervulina*** Tyzzer, 1929
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; R1, R2 (17, 167, 431, 601, 786, 801, 869, 870, 1059, 1060)
- Eimeria adenoides*** Moore & Brown, 1951
- AVE *Alectoris chukar* Gray, 1830 [chukar partridge]; gut; R2 (989)
- Eimeria aepyrumni*** Barker *et al.*, 1988
- MAM *Aepyprymnus rufescens* (Gray, 1837) [rufous bettong]; faeces; zoo (Aust.) (61)
- Eimeria ahsata*** Honess, 1942
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria alabamensis*** Christensen, 1941
- MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R5 (167)

- Eimeria alijeve*** Musaev, 1970
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (608, 881)
- Eimeria anguillae*** Leger & Hollande, 1922; syn.
Epieimeria anguillae (Leger & Hollande, 1922)
ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; intestinal mucosa; R2 (669, 672, 789)
- Eimeria apsheronica*** Musaev, 1970
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (608, 881)
- Eimeria arloingi*** (Marotel, 1905) Martin, 1909
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (167, 608, 881)
- Eimeria arundeli*** Barker *et al.*, 1979
MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; faeces, small intestine; R2, R3, zoo (Aust.) (56, 303, 972)
- Eimeria ashburneri*** Molnar & Rohde, 1988
ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; intestines; R4 (789, 1030)
- Eimeria auburnensis*** Christensen & Porter, 1939
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 934, 937)
- Eimeria bicolor*** Barker *et al.*, 1988
MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; faeces; R2 (60)
- Eimeria boonderoensis*** Barker *et al.*, 1988
MAM *Petrogale inornata* Gould, 1842 [unadorned rock-wallaby]; faeces; R1 (59)
- Eimeria bovis*** (Zublin, 1908) Fiebiger, 1912
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R2, R5 (167, 749, 934, 937, 1060)
- Eimeria brunetti*** Levine, 1942
AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; RU, R2 (167, 431, 601, 801, 870, 1060)
- Eimeria bukidnonensis*** Tubanguí, 1931
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 933, 934, 937)
- Eimeria canadensis*** Bruce, 1921
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 595, 934, 937)
- Eimeria canis*** Wenyon, 1923
MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R5 (167)
MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; faeces, R2 (67, 167, 692, 1060)
- Eimeria caprina*** Lima, 1979
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R5 (881)
- Eimeria caprovina*** Lima, 1980
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R5 (881)
- Eimeria cerdonis*** Vetterling, 1965
MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1 (167, 1214)
- Eimeria cheilodactyli*** Molnar & Rohde, 1988
ACT *Cheilodactylus fuscus* Castelnau, 1879 [red morwong]; intestinal mucosa; R14 (788)
- Eimeria christenseni*** Levine *et al.*, 1962; = *E. ahsata* Honess, 1942
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (167, 608, 881)
- Eimeria ciliatae*** Molnar & Rohde, 1988
ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; intestinal mucosa; R14 (788)
- Eimeria coecicola*** Kheissin, 1947
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R6 (484)
- Eimeria crandallis*** Honess, 1942
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; RU (167)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria cunnamullensis*** Mykytowycz, 1964
MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces, small intestine; R4 (52, 167, 865, 948)
- Eimeria cylindrica*** Wilson, 1931
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 749, 934, 937)
- Eimeria debliciecki*** Douwes, 1921
MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut, faeces; RU, R1, R5 (167, 594, 692, 1214)
- Eimeria dendrolagi*** Barker *et al.*, 1988
MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; faeces; R1 (60)
- Eimeria desmaresti*** Barker *et al.*, 1989
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R3 (62)
- Eimeria dunsingi*** Farr, 1960
AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; intestines; R6 (748, 990)
- Eimeria dykova*** Molnar & Rohde, 1988
ACT *Cheilodactylus fuscus* Castelnau, 1879 [red morwong]; intestinal mucosa; R14 (788)
- Eimeria echidnae*** Barker *et al.*, 1985
MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; faeces; R3 (57)
- Eimeria egerniae*** Cannon, 1967
REP *Egermia whitii* (Lacepede, 1804) [White's skink]; faeces, gall bladder; R4 (172)
- Eimeria ellipsoidalis*** Becker & Frye, 1929
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 749, 934, 936, 937)

- Eimeria exigua*** Yakimoff, 1934
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R2, R6 (484, 1107, 1108)
- Eimeria falciformis*** (Eimer, 1870) Schneider, 1875
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut; RU (692)
- Eimeria faurei*** (Moussu & Marotel, 1901) Martin, 1909
MAM *Capra hircus* Linnaeus, 1758 [goat]; gut; RU (167, 475, 692)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; gut; RU, R5 (167, 585, 692, 880)
- Eimeria flavescens*** Marotel & Guilhon, 1941
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R6 (484)
- Eimeria flindersi*** Barker *et al.*, 1989
MAM *Macropus antilopinus* (Gould, 1842) [antelope wallaroo]; faeces; R1 (62)
MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R5 (62)
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R3 (62)
- Eimeria gaimardi*** Barker *et al.*, 1988
MAM *Bettongia gaimardi* (Desmarest, 1822) [Tasmanian bettong]; faeces; R3 (61)
- Eimeria gallopavonis*** Hawkins, 1952
AVE *Meleagris gallopavo* Linnaeus, 1758 [domestic turkey]; intestines; RU (167, 801)
- Eimeria gastroauris*** Paperna, 1994
REP *Gehyra australis* Gray, 1845 [northern dtella]; stomach; R1 (932)
REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; stomach; R1 (931, 932)
REP *Oedura monilis* De Vis, 1888 [ocellated velvet gecko]; stomach; R1 (931, 932)
- Eimeria gehyrae*** Cannon, 1967
REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; faeces, gall bladder; R1 (172)
- Eimeria gilruthi*** (Chatton, 1910) Reichenow & Carini, 1937; syn. *Globidium gilruthi* (Chatton, 1910) Noller, 1920; syn. *Gastrocystis gilruthi* Chatton, 1910
MAM *Ovis aries* Linnaeus, 1758 [sheep]; abomasum, intestine; RU, R3, R5 (167, 394, 692, 976, 1059, 1060)
- Eimeria godmani*** Barker *et al.*, 1988
MAM *Petrogale godmani* Thomas, 1923 [Godman's rock-wallaby]; faeces; R1 (59)
MAM *Petrogale inornata* Gould, 1842 [unadorned rock-wallaby]; faeces; R1 (59)
MAM *Petrogale lateralis* Gould, 1842 [black-footed rock-wallaby]; faeces; R5 (882)
- Eimeria grallinida*** Reece, 1989
AVE *Grallina picata* Latham, 1801 [Australian magpie lark]; liver; R2 (988)
- Eimeria granulosa*** Christensen, 1938
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; RU (167)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria gungahlinensis*** Mykytowycz, 1964
MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4 (62)
MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces; R4 (62, 167, 865, 948)
- Eimeria hestermani*** Mykytowycz, 1964
MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; faeces; R1 (62)
MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R5, zoo (Aust.) (62)
MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4 (62)
MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces; R4 (62, 167, 865, 948)
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R3 (62, 948)
- Eimeria hirci*** Chevalier, 1966
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (608, 881)
- Eimeria hypsiprymmodontis*** Barker *et al.*, 1988
MAM *Hypsiprymmodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)
- Eimeria inornata*** Barker *et al.*, 1988
MAM *Petrogale inornata* Gould, 1842 [unadorned rock-wallaby]; faeces; R1 (59)
MAM *Petrogale lateralis* Gould, 1842 [black-footed rock-wallaby]; faeces; R5 (882)
- Eimeria intestinalis*** Kheisin, 1948
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R6 (484)
- Eimeria intricata*** Spiegl, 1925
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria irresidua*** Kessel & Jankiewicz, 1931
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces, RU, R2, R4, R6 (484, 692, 862, 864, 1060, 1107, 1108)
- Eimeria jolchijevi*** Musaev, 1970
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (608, 881)
- Eimeria kairensis*** Barker *et al.*, 1988
MAM *Hypsiprymmodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)
- Eimeria kogoni*** Mykytowycz, 1964
MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces, small intestine; R4 (28, 52, 167, 865, 948)

- Eimeria labbeana*** Pinto, 1928
 AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; intestines; RU, R2 (167, 516, 801)
- Eimeria lagorchestis*** Barker *et al.*, 1988
 MAM *Lagorchestes conspicillatus* Gould, 1842 [spectacled hare-wallaby]; faeces; R1 (60)
- Eimeria lampropholidus*** Cannon, 1967
 REP *Lampropholis guichenoti* (Dumeril & Bibron, 1839) [-]; faeces, small intestine; R1 (172)
- Eimeria leiopismatis*** Cannon, 1967
 REP *Leiopisma challengerii* Bullinger, 1887 [orange-tailed shade skink]; faeces, small intestine; R1 (172)
- Eimeria leuckarti*** (Flesch, 1883) Reichenow, 1940
 MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces, intestines; RU, R1, R3 (29, 51, 167, 730, 991)
- Eimeria lumholtzi*** Barker *et al.*, 1988
 MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; faeces; R1 (60)
- Eimeria macropodis*** Wenyon & Scott, 1925; syn. *E. fausti* Yakimoff & Matschoulsky, 1936; syn. *E. cunnamullensis* Mykytowycz, 1964; syn. *E. purchasei* Mykytowycz, 1964
 MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; faeces; R1, R4, zoo (USSR) (62, 865, 1272)
 MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R4, R5, zoo (Aust., USSR) (62, 865, 1272)
 MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4, zoo (USSR) (62, 865, 1272)
 MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces, small intestine; R4, zoo (USSR) (52, 62, 167, 865, 946, 947, 948, 949, 1272)
 MAM *Macropus irma* (Jourdan, 1837) [western brush wallaby]; faeces; R4, R6, zoo (USSR) (62, 865, 1272)
 MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; faeces; R2, R4, zoo (Aust., USSR) (62, 865, 1272)
 MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; faeces; R1, R4, zoo (Aust., USSR) (62, 865, 1272)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R4, zoo (UK, USSR) (62, 865, 947, 946, 948, 949, 967, 1233, 1272)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces; R4, R6, zoo (USSR) (62, 865, 1272)
- Eimeria magna*** Perard, 1925
 MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059, 1060, 1107, 1108)
- Eimeria marsupialium*** Yakimoff & Matschoulsky, 1936
 MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4, R5 (62)
 MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces; R4, zoo (USSR) (62, 167, 946, 947, 948, 949, 1272)
- Eimeria maxima*** Tyzzer, 1929
 AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; RU, R2 (167, 431, 601, 753, 801, 870, 1059, 1060)
- Eimeria media*** Kessel, 1929
 MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1060, 1107, 1108)
- Eimeria mitis*** Tyzzer, 1929
 AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; RU (601, 649, 1060)
- Eimeria mivati*** Edgar & Seibold, 1964
 AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; RU (801, 1060)
- Eimeria molochis*** Bovee & Telford, 1965
 REP *Moloch horridus* Gray, 1841 [thorny devil]; intestine, faeces; R10 (123, 172)
- Eimeria mundayi*** Barker *et al.*, 1988
 MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed potoroo]; faeces; R3 (61)
- Eimeria mykytowyczi*** Barker *et al.*, 1989
 MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; faeces; R8 (62)
 MAM *Macropus antilopinus* (Gould, 1842) [antilopine wallaroo]; faeces; R1 (62)
 MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; faeces; zoo (Aust.) (62)
- Eimeria necatrix*** Johnson, 1930
 AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; RU, R1, R2, R5, R6 (167, 431, 451, 452, 454, 511, 601, 801, 869, 870, 1059, 1060)
- Eimeria neodebliecki*** Vetterling, 1965
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1, R5 (167, 594)
- Eimeria nesowai*** Lom & Dykova, 1995
 ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; intestinal mucosa; R2 (672)
- Eimeria nieschulzi*** Dieben, 1924
 MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; gut; RU (692)
- Eimeria ninakohlyakimovae*** Yakimoff & Rastegaieff, 1930
 MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (167, 608, 881)
- Eimeria obendorfi*** Barker *et al.*, 1988
 MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; faeces; R3 (60)
- Eimeria occidentalis*** Barker *et al.*, 1988
 MAM *Petrogale brachyotis* (Gould, 1841) [short-eared rock-wallaby]; faeces; R8 (59)

- MAM *Petrogale lateralis* Gould, 1842 [black-footed rock-wallaby]; faeces; R7, R8 (59)
MAM *Petrogale rothschildi* Thomas, 1904 [Rothschild's rock-wallaby]; faeces; R6 (59)
- Eimeria ovina*** Levine & Ivens, 1970; = *E. arloingi* (Marotel, 1905) Martin, 1909
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria ovinoidalis*** McDougald, 1979; = *E. ninakohlyakimovae* Yakimoff & Rastegaieff, 1930
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria pallida*** Christensen, 1938
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2 (167, 608)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria parma*** Barker *et al.*, 1989
MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; faeces; zoo (Aust.) (62)
- Eimeria parryi*** Barker *et al.*, 1989
MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; faeces; zoo (Aust.) (62)
- Eimeria parva*** Kotlan *et al.*, 1929
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; RU (167)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria pellita*** Supperer, 1952
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R5 (167)
- Eimeria perforans*** (Leuckart, 1879) Sluiter & Swellengrebel, 1912
MAM *Lepus europaeus* Pallas, 1778 [hare]; faeces; RU (692, 1059, 1060)
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059, 1060, 1107, 1108)
- Eimeria petrogale*** Barker *et al.*, 1988
MAM *Petrogale godmani* Thomas, 1923 [Godman's rock-wallaby]; faeces; R1 (59)
MAM *Petrogale inornata* Gould, 1842 [unadorned rock-wallaby]; faeces; R1 (59)
MAM *Petrogale lateralis* Gould, 1842 [black-footed rock-wallaby]; faeces; R1, R5 (59, 882)
MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces; R1 (59)
MAM *Petrogale persephone* Maynes, 1982 [Proserpine rock-wallaby]; faeces; R1 (59, 72)
- Eimeria philypnodoni*** Molnar & Rohde, 1988
ACT *Philypnodon grandiceps* (Kreffft, 1864) [big-headed gudgeon]; intestinal mucosa; R2 (789)
- Eimeria piriformis*** Kotlan & Pospesch, 1934
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R2, R4, R6 (484, 864, 1060, 1107, 1108)
- Eimeria pleurostici*** Molnar & Rohde, 1988
ACT *Sphaeroides pleurosticus* (Gunther, 1871) [banded toad]; intestinal mucosa; R14 (788)
- Eimeria porci*** Vetterling, 1965
MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1 (594)
- Eimeria potoroi*** Barker *et al.*, 1988
MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed potoroo]; faeces; R3 (61)
- Eimeria praecox*** Johnson, 1930
AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; faeces, intestines; R2 (601, 801)
- Eimeria prionotemni*** Barker *et al.*, 1989
MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; faeces; R5, zoo (Aust.) (62)
MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; faeces; R1 (62)
MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R5, zoo (Aust.) (62)
MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; faeces; R1, zoo (Aust.) (62)
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R3 (62)
- Eimeria punctata*** Landers, 1955
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria quokka*** Barker *et al.*, 1988
MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; faeces; R6 (60)
- Eimeria ringaroomaensis*** Barker *et al.*, 1988
MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; faeces; R3 (60)
- Eimeria rohdei*** Lom & Dykova, 1995
ACT *Monacanthus chinensis* Osbeck, 1765 [fan-bellied leatherjacket]; caecal mucosa; R14 (672)
- Eimeria rufusi*** Prasad, 1960
MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces; zoo (UK) (167, 946, 947, 948, 949, 967)
- Eimeria scabra*** Henry, 1931
MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1 (167, 594, 1214)
- Eimeria serventyi*** Pellerdy, 1974
AVE *Puffinus tenuirostris* (Temminck, 1835) [mutton bird]; kidney; R3 (167, 446, 808)
- Eimeria setonicis*** Barker *et al.*, 1988
MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; faeces; R6 (60)
- Eimeria sharmani*** Barker *et al.*, 1988
MAM *Petrogale godmani* Thomas, 1923 [Godman's rock-wallaby]; faeces; R1 (59)
MAM *Petrogale inornata* Gould, 1842 [unadorned rock-wallaby]; faeces; R1 (59)

- MAM *Petrogale lateralis* Gould, 1842 [black-footed rock-wallaby]; faeces; R5, R6 (59, 882)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces; R1 (59)
- MAM *Petrogale persephone* Maynes, 1982 [Proserpine rock-wallaby]; faeces; R1 (72)
- MAM *Petrogale rothschildi* Thomas, 1904 [Rothschild's rock-wallaby]; faeces; R6 (59)
- Eimeria sillaginis*** Molnar & Rohde, 1988
- ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; intestinal mucosa; R13, R14 (669, 672, 788)
- Eimeria spearei*** Barker *et al.*, 1988
- MAM *Hypsiprymnodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)
- Eimeria spratti*** Barker *et al.*, 1988
- MAM *Hypsiprymnodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)
- Eimeria sternfeldi*** McAllister *et al.*, 1993
- REP *Tiliqua multifasciata* Sternfeld, 1919 [centralian blue-tongued lizard]; faeces; zoo (USA) (737)
- Eimeria stiedae*** (Lindemann, 1895) Kisskalt & Hartmann, 1907; syn. *Coccidium oviforme* Leuckart, 1879; syn. *Coccidium cuniculi* (Rivolta, 1878) Labbe, 1899; syn. *Psorospermium cunicui* Rivolta, 1878
- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces, liver, gall bladder; R1, R2, R4, R5, R6 (167, 320, 321, 448, 484, 557, 562, 567, 569, 573, 583, 692, 862, 864, 1057, 1059, 1060, 1107, 1108)
- Eimeria subspherica*** Christensen, 1941
- MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 934, 936, 937)
- Eimeria suis*** Noller, 1921
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1 (167, 594, 1214)
- Eimeria tachyglossi*** Barker *et al.*, 1985
- MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; faeces, small intestine; R3 (57)
- Eimeria tenella*** (Railliet & Lucet, 1891) Fantham, 1909; = *Coccidium avium* (Silvestrini & Rivolta, 1871) Leuckart, 1879
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; caeca, intestines; R2, R3, R6 (17, 25, 26, 27, 76, 167, 431, 451, 452, 454, 511, 601, 801, 804, 869, 870, 1059, 1060)
- Eimeria thylogale*** Barker *et al.*, 1988
- MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; faeces; R3 (60)
- Eimeria tinaroensis*** Barker *et al.*, 1988
- MAM *Hypsiprymnodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)
- Eimeria toganmainensis*** Mykytowycz, 1964
- MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R5 (62)
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4, R5 (62)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces; R4 (62)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R3 (62)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces; R4 (30, 167, 865, 948)
- Eimeria truncata*** (Railliet & Lucet, 1891) von Wasielewski, 1904
- AVE *Anser anser domesticus* Linnaeus 1758 [domestic goose]; kidney; RU (167, 446, 801, 990)
- Eimeria ursini*** Supperer, 1957
- MAM *Lasiiorhinus latifrons* (Owen, 1845) [southern hairy-nosed wombat]; intestines, faeces; R2, R5, zoo (EUR) (56, 303, 946, 947, 949, 1112)
- Eimeria volckertzooni*** Barker *et al.*, 1988
- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; faeces; R6 (60)
- Eimeria wallabiae*** Barker *et al.*, 1988
- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; faeces; R2 (60)
- Eimeria weybridgensis*** Norton *et al.*, 1974
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (880)
- Eimeria wilcanniensis*** Mykytowycz, 1964
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4, R5, zoo (Aust.) (62)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces; R4 (62)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; faeces; R5 (62)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces; R4 (30, 167, 865, 948)
- Eimeria wombati*** (Gilruth & Bull, 1912) Barker *et al.*, 1979; syn. *E. tasmaniae* Supperer, 1957; syn. *Globidium wombati* (Gilruth & Bull, 1912) Wenyon, 1926; syn. *Ileocystis wombati* Gilruth & Bull, 1912
- MAM *Lasiiorhinus latifrons* (Owen, 1845) [southern hairy-nosed wombat]; intestinal mucosa, faeces; R2, zoo (EUR) (28, 56, 303, 397, 946, 947, 949, 1112, 1234)
- Eimeria wyomingensis*** Huizinga & Winger, 1942
- MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1 (167, 933, 934, 937)
- Eimeria xanthopus*** Barker *et al.*, 1988
- MAM *Petrogale xanthopus* Gray, 1855 [yellow-footed rock-wallaby]; faeces; R5, zoo (Aust.) (59)
- Eimeria yathongensis*** Barker *et al.*, 1989
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4, R5 (62)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces; R4 (62)

- Eimeria zuernii* (Rivolta, 1878) Railliet & Lucet, 1891
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R2, R5 (167, 749, 933, 934, 936, 937, 1060)
- Eimeria* sp.**
ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; intestines, pyloric caeca; RU (1030)
ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; intestines; R4 (33, 35, 79, 839, 983, 1030)
ACT *Monacanthus chinensis* Osbeck, 1765 [fan-bellied leatherjacket]; pyloric caeca; R13 (669)
ACT *Myxus elongatus* Gunther, 1861 [sand mullet]; pyloric caeca; R13 (669)
AVE *Anser anser domesticus* Linnaeus 1758 [domestic goose]; intestine; RU (801)
AVE *Carduelis chloris* (Linnaeus, 1758) [European greenfinch]; intestines; RU (446, 447, 1052)
AVE *Hirundo nigricans* (Vieillot, 1817) [tree martin]; faeces; R1 (899)
AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; intestines, faeces; RU, R1 (899, 990, 1052)
AVE *Dromaius novaehollandiae* (Latham, 1790) [emu]; gut; RU (1106)
AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; faeces; RU (422)
AVE *Lichenostomus penicillatus* (Gould, 1837) [white-plumed honeyeater]; intestines; RU (446)
AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; intestines; RU (446, 1052)
AVE *Pandion haliaetus* (Linnaeus, 1758) [osprey]; faeces; R1 (899)
AVE *Rallus philippensis* Linnaeus, 1766 [buff banded rail]; faeces; R1 (899)
AVE *Sphecotheres viridis* Vieillot, 1816 [figbird]; faeces; R1 (899)
AVE *Trichoglossus chlorolepidotus* (Kuhl, 1820) [scaly-breasted lorikeet]; faeces; R1 (899)
AVE *Trichoglossus haematodus* (Linnaeus, 1771) [rainbow lorikeet]; faeces; R1 (899)
AVE *Trichoglossus rubritorquis* Vigors & Horsfield, 1827 [red-collared lorikeet]; intestines; RU (446, 1052)
MAM *Bos taurus* Linnaeus, 1758 [ox]; gut; RU (213, 692)
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces, duodenum; RU (493)
MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R3 (781)
MAM *Hemibelideus lemuroides* (Collett, 1884) [lemuroid ringtail possum]; intestines; R1 (1084)
MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; intestines; RU (692)
MAM *Lagorchestes conspicillatus* Gould, 1842 [spectacled hare-wallaby]; faeces; R1 (60)
MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; ileum; RU (1083, 1086)
MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; intestines; R1 (fauna park) (1082, 1086)
MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; intestines; R1, R4 (fauna park) (31, 50, 576, 1060, 1082, 1086, 1248)
MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; intestinal mucosa; R1 (fauna park) (576, 581, 1082, 1086)
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; zoo (EUR) (1137)
MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces; R1 (899)
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU (321, 863)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces, abomasum; RU, R4 (143, 837, 1242)
MAM *Pseudocheirus archeri* (Collett, 1884) [green ringtail possum]; intestines; R1 (1084)
MAM *Pseudocheirus herbertensis* (Collett, 1884) [Herbert River ringtail possum]; intestines; R1 (1084)
MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; faeces, R1 (899)
MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; faeces; R1 (899)
MAM *Thylogale thetis* (Lesson, 1827) [red-necked pademelon]; intestinal mucosa; R4 (576)
MAM *Trichosurus caninus* (Ogilby, 1836) [mountain brushtail possum]; faeces; R4 (969, 973)
MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; faeces; R1, R2, R3 (899, 968, 970, 973)
MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; faeces; RU (28)
REP *Acanthophis antarticus* (Shaw & Nodder, 1802) [common death adder]; faeces, intestines; R1, R5 (743, 899)
REP *Austrelaps superbus* (Gunther, 1858) [copperhead]; intestines; R5 (743)
REP *Gehyra dubia* (Macleay, 1877) [tree dtella]; faeces; R1, R9 (899, 900)
REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; faeces; R1 (899)
REP *Holocephalus stephensii* Krefft, 1869 [Stephen's banded snake]; faeces; R1 (899)
REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; faeces; R1 (899)
REP *Notechis ater* (Krefft, 1866) [black tiger snake]; faeces; R1 (899)
REP *Oxyuranus microlepidotus* (McCoy, 1879) [inland taipan]; faeces; R1 (899)

- REP *Pseudechis australis* (Gray, 1842) [king brown snake]; faeces; R1 (899)
- REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; faeces; R1 (899)
- REP *Pseudonaja nuchalis* Gunther, 1858 [western brown snake]; intestines; R5 (743)
- REP *Stegonotus cucullatus* (Dumeril, Bibron & Dumeril, 1854) [slaty grey snake]; faeces; R1 (899)
- REP *Tiliqua occipitalis* (Peters, 1863) [western blue-tongued lizard]; faeces; R1 (899)
- REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; faeces; R1 (899)
- REP *Underwoodsaurus milii* (Bory de Saint-Vincent, 1825) [thick-tailed gecko]; faeces; R1 (899)
- Epieimeria anguillae** (Leger & Hollande, 1922)
- ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; intestinal mucosa; R2 (789)
- Epieimeria sp.**
- ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gut; RU (858)
- ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; gut; RU (858)
- ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; gut; RU (858)
- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; gut; RU (858)
- ACT *Cheilodactylus fuscus* Castelnau, 1879 [red morwong]; gut; RU (858)
- ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gut; RU (858)
- ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; gut; RU (858)
- ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; gut; RU (858)
- ACT *Tetraodon* sp.; gut; RU (858)
- ACT Unidentified gudgeon species; gut; RU (858)
- Globidium macropodis** (Gilruth & Bull, 1912) Wenyon, 1926; syn. *Ileocystis macropodis* Gilruth & Bull, 1912
- MAM *Macropus* sp.; intestinal mucosa; zoo (Aust.) (397)
- Globidium mucosum** (Blanchard, 1885) Noller, 1920
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; small intestine; zoo (UK, EUR) (1054, 1274)
- Globidium sp.**
- MAM *Macropus* sp.; intestinal mucosa; zoo (Aust.) (397)
- Goussia arrawarra** Molnar & Rohde, 1988
- ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; intestinal mucosa; R13, R14 (628, 634, 669, 788, 858)
- Goussia callinani** Molnar & Rohde, 1988
- ACT *Hypseleotris compressa* (Krefft, 1864) [empire gudgeon]; intestinal mucosa; R2 (628, 634, 789, 858)
- Goussia carpelli** (Leger & Stankovitch, 1921) Lom & Dykova, 1982
- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; intestines; R4 (669, 672)
- Goussia cruciata** (Thelohan, 1892) Labbe, 1896
- ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; liver; R14 (672)
- Goussia langdoni** Molnar & Rohde, 1988
- ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; intestines; R4 (628, 634, 789, 858, 1030)
- Goussia lomi** Molnar & Rohde, 1988
- ACT *Maccullochela peeli* (Mitchell, 1838) [Murray cod]; intestinal mucosa; R4 (628, 634, 789, 858, 951, 1030)
- Goussia microcanthi** Molnar & Rohde, 1988
- ACT *Microcanthus strigatus* (Cuvier & Valenciennes, 1831) [stripey]; intestinal mucosa; R14 (788)
- Goussia piekarskii** Lom & Dykova, 1995
- ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; small intestine; R4 (672)
- Goussia thelohani** Labbe, 1896
- ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; liver; R14 (672)
- ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; liver; R14 (672)
- Goussia sp.**
- ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; liver; R13 (669)
- ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gut; R2 (789)
- ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; faeces, gut; R2 (789)
- ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; intestine; R4 (669)
- ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; liver; R13 (669)
- ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; liver; R14 (669, 788)
- REP *Crocodylus porosus* Schneider, 1801 [salt water crocodile]; intestines; R1 (919)
- Hoarella sp.**
- AMP *Litoria caerulea* (White, 1790) [green tree frog]; faeces; R1 (899)
- AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; faeces; R1 (899)
- Ileocystis macropodis** Gilruth & Bull, 1912
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; small intestine; zoo (UK) (1164, 1233)
- Isospora ablephari** Cannon, 1967
- REP *Ablepharus boutonii* (Macleay, 1877) [callous-palmed shinning-skink]; faeces, intestine; R1 (171)

- REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; faeces, intestine; R1 (171)
- Isoospora amphiboluri*** Cannon, 1967
- REP *Amphibolurus barbatus* (Cuvier, 1829) [bearded dragon]; faeces, duodenum; R1 (171)
- REP *Amphibolurus vitticeps* Ahl, 1926 [inland bearded dragon]; faeces; zoo (USA) (738)
- Isoospora belli*** Wenyon, 1923
- MAM *Homo sapiens* Linnaeus, 1758 [human], faeces; R2, R8 (142, 763)
- Isoospora boxae*** Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora canis*** Nemeseri, 1959
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R5, R6 (95, 167, 1040)
- Isoospora cannoni*** Finkelman & Paperna, 1994
- REP *Diporiphora australis* (Steindachner, 1867) [-]; small intestine; R1 (367)
- Isoospora cryptoblephari*** Finkelman & Paperna, 1994
- REP *Cryptoblepharus virgatus* (Garman, 1901) [-]; small intestine; R1 (366)
- Isoospora delmae*** Finkelman & Paperna, 1994
- REP *Delma nasuta* Kluge, 1974 [-]; small intestine; R5 (366)
- Isoospora egerniae*** Cannon, 1967
- REP *Egernia whitii* (Lacepede, 1804) [White's skink]; faeces, intestine; R4 (171)
- Isoospora felis*** Wenyon, 1923
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2 (67, 373, 692, 1060)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R1, R2, R3, R4, R6, R8 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148, 1241)
- Isoospora gonnetae*** Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora iansmithi*** Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora jacobfrenkeli*** Grulet *et al.*, 1985; syn. *I. frenkeli* Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora michaelbakeri*** Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora miki*** Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora milgemi*** Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora ohioensis*** Dubey, 1975
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R5, R6 (67, 95, 167, 692, 1040, 1060)
- MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; faeces; R2 (67, 692, 1060)
- Isoospora rivolta*** (Grassi, 1879) Wenyon, 1923
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R2, R3, R4, R6, R8 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148)
- Isoospora spratti*** Grulet *et al.*, 1982
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isoospora suis*** Biester, 1934
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1, R2, R3, R5, R6 (167, 304, 305)
- Isoospora* sp.**
- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; large intestine; RU (1087)
- AVE *Acanthorhynchus tenuirostris* (Latham, 1801) [eastern spinebill]; faeces; R1 (899)
- AVE *Corvus orru* Bonaparte, 1851 [Torresian crow]; faeces; R1 (899)
- AVE *Cracticus nigrogularis* (Gould, 1837) [pied butcherbird]; faeces; R1 (899)
- AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; faeces; R1 (899)
- AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie]; faeces; R1 (899)
- AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; faeces; R1 (899)
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; tissues; R5 (433)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; faeces; R1 (899)
- AVE *Trichoglossus haematodus* (Linnaeus, 1771) [rainbow lorikeet]; faeces; R1 (899)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R8 (220, 373, 593, 763, 1148)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R3 (781)
- REP *Amphibolurus barbatus* (Cuvier, 1829) [bearded dragon]; faeces; R1 (899)
- REP *Gehyra punctata* (Fry, 1914) [spotted dtella]; faeces; R1 (899)
- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; faeces, small intestines; R1, R2 (899, 1049)
- REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; faeces; R1 (899)
- REP *Phyllurus cornutus* (Ogilby, 1892) [northern leaf-tailed gecko]; faeces, intestine; R1 (171)
- REP *Pseudotothecadactylus lindneri* Cogger, 1975 [giant cave gecko]; faeces; R1 (899)

Lymphocystis macropodis Gilruth & Bull, 1912

MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; small intestine; zoo (UK) (1164, 1233)

Octosporella hystrix Barker *et al.*, 1985

MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; faeces; R2 (57)

***Octosporella* sp.**

AMP *Litoria caerulea* (White, 1790) [green tree frog]; faeces; R1 (899)

AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; faeces; R1 (899)

***Tyzzeria* sp.**

MAM *Thylogale thetis* (Lesson, 1827) [red-necked pademelon]; faeces; RU (60)

Unidentified coccidia

ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; gut; RU (788)

ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; pancreas, intestines; R21 (609, 658)

ACT *Chelidonichthys kumu* (Lesson & Garnot, 1826) [red gunard]; gut; RU (788)

ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; intestine; R13 (669)

ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; intestine; R13 (669)

ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; gut; RU (788)

ACT *Terapon jarbua* (Forskål, 1775) [-]; gall bladder; R21 (658)

AVE *Agapornis* sp.; intestines; RU (990)

AVE *Anas platyrhynchos* Linnaeus, 1758 [mallard]; faeces; R2 (1059, 1060)

AVE *Coturnix* sp.; intestines; RU (990)

AVE *Eudyptula minor* (Forster, 1781) [little penguin]; kidney; RU, R2 (31, 904, 990)

AVE *Serinus canaria* Linnaeus, 1758 [canary]; intestines; RU (990)

MAM *Aepyprymnus rufescens* (Gray, 1837) [rufous bettong]; faeces; R1 (fauna park) (1082)

MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; small intestine; R2 (55)

MAM *Bos taurus* Linnaeus, 1758 [ox]; gut; RU (692, 1059)

MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (692, 1059)

MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; faeces; R1 (fauna park) (1082)

MAM *Lagorchestes conspicillatus* Gould, 1842 [spectacled hare-wallaby]; faeces; R1 (fauna park) (1082)

MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; faeces; R1 (fauna park) (1082)

MAM *Macropus eugenii* (Desmarest, 1817) [tammam wallaby]; small intestine, liver; RU (31, 1086)

MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; ; stomach, intestines, faeces; RU, zoo (Aust., Japan) (28, 31, 368, 369, 1086, 1273)

MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces, intestines; RU, zoo (Aust., USA) (135, 368, 369)

MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; intestines; zoo (Aust., UK) (31, 368, 1054, 1086)

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; caecum; RU (1060)

MAM *Ovis aries* Linnaeus, 1758 [sheep]; gut; RU (692, 1059, 1060)

MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces; R1 (59)

MAM *Petrogale lateralis* Gould, 1842 [black-footed rock-wallaby]; faeces; R1 (fauna park) (1082)

MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; gut; RU (360, 692,)

MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; faeces; RU (360, 692)

MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut; RU (692, 1059, 1060)

MOL *Striostrea mytiloides* (Lamarck, 1819) [tropical oyster, blacklip oyster]; ovary; R20 (10, 660, 1252, 1253)

Family: SARCOCYSTIDAE [tissue cyst-forming coccidia, heteroxenous life-cycles]

Besnoitia wallacei (Tadros & Laarman, 1976) Dubey, 1977

MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R3 (167, 733, 952, 1085)

MAM *Mus musculus* Linnaeus, 1758 [house mouse]; heart, tongue, lungs (exptl. infection); R3 (733)

MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; tissues; R3 (733)

MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; various tissues (exptl. infection); R3 (733)

***Frenkelia* sp.**

AVE *Falco berigora* Vigors & Horsfield, 1827 [brown falcon]; intestines; RU (833)

AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; intestines; RU (833)

AVE *Tyto alba* (Scopoli, 1769) [barn owl]; intestines; RU (833)

AVE *Tyto novaehollandiae* (Stephens, 1826) [masked owl]; intestines; RU (833)

Hammondia hammondi Frenkel & Dubey, 1975

MAM *Capra hircus* Linnaeus, 1758 [goat]; LU (exptl. infection); R3 (853)

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (167, 731, 1085)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; LU (exptl. infection), antibodies (IFAT); R3 (848)
- MAM *Macropus eugenii* (Desmarest, 1817) [tamar wallaby]; LU (exptl. infection), antibodies (ELISA); R2 (985)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; muscles; R5 (546)
- MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; skeletal muscle; RU (731)
- Hammondia heydorni*** (Tadros & Laarman, 1976) Dubey, 1977
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R6 (1040)
- Hammondia* sp.**
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R5 (167, 593)
- Neospora caninum*** Dubey *et al.*, 1988
- MAM *Bos taurus* Linnaeus, 1758 [ox]; central nervous system, foetal tissues; R2, R3 (121, 313, 316, 912)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; central nervous system, antibodies (IFAT); RU, R2, R3, R6 (49, 314, 316, 389, 856)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; central nervous system; R2 (316)
- Sarcocystis arieticanis*** Heydorn, 1985
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; muscle; RU, R6 (312, 330, 854, 1039, 1041)
- Sarcocystis betrami*** Doflein, 1901; syn. *S. equicanis* Rommel & Geisel, 1975
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (29, 167)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; muscle; RU (29, 167)
- Sarcocystis bettongiae*** Bourne, 1934
- MAM *Bettongia lesueuri* (Quoy & Gaimard, 1824) [burrowing bettong]; skeletal muscle; R6 (122, 312, 606)
- Sarcocystis blanchardi*** Doflein, 1901
- MAM *Bos taurus* Linnaeus, 1758 [ox]; muscle; RU (570, 692, 1059)
- Sarcocystis capracanis*** Fischer, 1979
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (167)
- MAM *Capra hircus* Linnaeus, 1758 [goat]; muscles; R5 (167, 379, 886)
- Sarcocystis cruzi*** (Hasselman, 1923) Wenyon, 1926; syn. *S. bovicanis* Heydorn *et al.*, 1975
- MAM *Bos taurus* Linnaeus, 1758 [ox]; muscles, various organs, antibodies (IHAT, ELISA); R2, R5, R6 (167, 178, 312, 379, 568, 581, 692, 886, 1102, 1038, 1041, 1044, 1045, 1046)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU, R6 (167, 1041, 1043, 1044, 1047)
- MAM *Vulpes vulpes* (Linnaeus, 1758) [fox]; faeces; RU (167)
- Sarcocystis cuniculi*** Brumpt, 1913
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R3 (167, 835, 1085)
- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; muscle; R3 (835)
- Sarcocystis falcatula*** Stiles, 1893
- AVE *Barnardius zonarius* (Shaw, 1805) [Port Lincoln ringneck]; various tissues; zoo (USA) (480)
- AVE *Cacatua galerita* (Latham, 1790) [sulphur-crested cockatoo]; various tissues; zoo (USA) (480)
- AVE *Cacatua leadbeateri* (Vigors, 1831) [Major Mitchell cockatoo]; various tissues; zoo (USA) (480)
- AVE *Callocephalon fimbriatum* (Grant, 1803) [gang-gang cockatoo]; various tissues; zoo (USA) (480)
- AVE *Eclectus roratus* (Müller, 1776) [eclectus parrot]; various tissues; zoo (USA) (480, 923)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; various tissues; zoo (USA) (480)
- AVE *Nymphicus hollandicus* (Kerr, 1792) [cockatoo]; various tissues; zoo (USA) (480)
- AVE *Platycercus caledonicus* (Gmelin, 1788) [green rosella]; various tissues; zoo (USA) (480)
- AVE *Probosciger aterrimus* (Gmelin, 1788) [palm cockatoo]; various tissues; zoo (USA) (480)
- AVE *Purpureicephalus spurius* (Kuhl, 1820) [red-capped parrot]; various tissues; zoo (USA) (480)
- Sarcocystis fayeri*** Dubey *et al.*, 1977
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (29, 167)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; muscle; RU (29, 167)
- Sarcocystis fusiformis*** (Railliet, 1897) Bernard & Bauche, 1912
- MAM *Bubalus bubalis* (Linnaeus, 1758) [water buffalo]; muscles; RU (167)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (167, 1085)
- Sarcocystis gigantea*** (Railliet, 1886) Ashford, 1977; syn. *Balbiana gigantea* Railliet, 1886; syn. *S. ovifelis* Heydorn *et al.*, 1975
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces, intestines; RU, R3, R5 (167, 376, 814, 843, 854, 908, 997, 1085)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; muscle, antibodies (CFT, IFAT, ELISA); R1, R2, R3, R4, R5, R6 (24, 167, 330, 376, 377, 379, 435, 525, 531, 549, 568, 569, 570, 692, 766, 814, 837, 838, 843, 844, 854, 886, 887, 892, 895, 908, 1060, 1102, 1131, 1133, 1135, 1236)

- Sarcocystis hirsuta*** Moule, 1888; syn. *S. bovis* Heydorn *et al.*, 1975
MAM *Bos taurus* Linnaeus, 1758 [ox]; muscle; R5, R6 (167, 886, 1038)
MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (167, 1085)
- Sarcocystis hominis*** (Railliet & Lucet, 1891) Dubey, 1976; syn. *S. bovis* Heydorn *et al.*, 1975
MAM *Bos taurus* Linnaeus, 1758 [ox]; muscles; RU (167)
- MAM *Homo sapiens* Linnaeus, 1758 [human], faeces; RU, R8 (167, 1038, 1102)
- Sarcocystis levinei*** Dissanaika & Kan, 1978
MAM *Bubalus bubalis* (Linnaeus, 1758) [water buffalo]; muscles; RU (167)
faeces; RU (167)
- Sarcocystis macropodis*** Gilruth & Bull, 1912
MAM *Petrogale xanthopus* Gray, 1855 [yellow-footed rock-wallaby]; intestinal submucosa; zoo (Aust.) (397)
- Sarcocystis medusiformis*** Collins *et al.*, 1979
MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (167, 854, 909, 1085)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; muscle; R5 (167, 312, 837, 854, 886, 887, 909, 1102)
- Sarcocystis miescheriana*** (Kuhn, 1865) Labbe, 1899; syn. *S. suicanis* Erber, 1977
MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (167, 821)
MAM *Sus scrofa* Linnaeus, 1758 [pig]; muscle; RU, R3 (167, 568, 569, 570, 692, 821)
- Sarcocystis mucosa*** (Blanchard, 1885) Labbe, 1889; syn. *Eimeria mucosa* (Blanchard, 1885) Levine, 1979; syn. *Globidium mucosa* (Blanchard, 1885) Noller, 1920; syn. *Balbiania mucosa* Blanchard, 1885
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; gut wall; R1, R3 (312, 520, 890)
MAM *Petrogale inornata* Gould, 1842 [unadorned rock-wallaby]; gut wall; R1 (312, 890)
MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; colonic submucosa, zoo (EUR) (96, 97, 230, 606, 617, 663, 782, 872, 1234)
MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; intestinal submucosa; R3 (520)
- Sarcocystis murinotechis*** Munday & Mason, 1980
MAM *Mastacomys fuscus* Thomas, 1882 [broad-toothed rat]; heart, skeletal muscle, lung, kidney; R3 (836)
MAM *Pseudomys higginsi* (Trouessart, 1897) [long-tailed mouse]; heart, skeletal muscle, lung, kidney; R3 (836)
MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat]; heart, skeletal muscle, lung, kidney; RU (836)
- MAM *Rattus lutreolus* (Gray, 1841) [swamp rat]; heart, skeletal muscle, lung, kidney; RU (836)
MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; heart, skeletal muscle, lung, kidney; RU (836)
MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; heart, skeletal muscle, lung, kidney; RU (836)
REP *Notechis ater* (Kreffft, 1866) [black tiger snake]; intestine; RU (836)
- Sarcocystis muris*** (Railliet, 1886) Labbe, 1899
MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (1085)
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; muscle (exptl. infection); R5 (886, 1130)
MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; muscle; RU, R2 (568, 569, 570, 583, 692)
MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; muscle, R2 (569, 568, 570, 583, 692)
- Sarcocystis porcifelis*** Dubey, 1976
MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (1085)
- Sarcocystis pythonis*** Tiegs, 1931
REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; muscle; RU (606, 1157)
- Sarcocystis tenella*** (Railliet, 1886) Moule, 1886; syn. *S. ovicanis* Heydorn *et al.*, 1975
MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R5 (167, 372, 374, 378, 814, 821, 845, 847, 854, 883, 952, 997)
MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; faeces; R5 (167)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; various tissues, antibodies (CFT, IFAT, ELISA); RU, R3, R5, R6 (24, 167, 330, 372, 374, 378, 435, 692, 766, 814, 821, 834, 837, 838, 841, 845, 846, 847, 854, 883, 884, 886, 887, 891, 892, 895, 952, 954, 997, 1039, 1041, 1059, 1133)
MAM *Vulpes vulpes* (Linnaeus, 1758) [fox]; faeces; R5 (167, 378, 854)
- Sarcocystis* sp.**
AVE *Accipiter fasciatus* (Vigors & Horsfield, 1827) [brown goshawk]; muscle; RU (446, 833)
AVE *Anas gibberifrons* Müller, 1842 [grey teal]; muscle; RU (833)
AVE *Anas superciliosa* Gmelin, 1789 [Pacific black duck]; muscle; RU (833)
AVE *Anhinga rufa* (Daudin, 1802) [darter]; muscle; RU (833)
AVE *Anseranus semipalmata* (Latham, 1798) [magpie goose]; muscle; RU (833)

- AVE *Ardea pacifica* Latham, 1801 [Pacific heron]; muscle; RU (833)
- AVE *Catharacta lonnbergi* Mathews, 1912 [skua]; muscle; RU (833)
- AVE *Hirundo nigricans* (Vieillot, 1817) [tree martin]; muscle; RU (833)
- AVE *Colluricincla harmonica* (Latham, 1801) [grey shrike-thrush]; muscle; RU (833)
- AVE *Corvus orru* Bonaparte, 1851 [Torresian crow]; faeces; R1 (899)
- AVE *Corvus coronoides* (Vigors & Horsfield, 1827) [Australian raven]; muscle; RU (833)
- AVE *Corvus tasmanicus* Mathews, 1912 [forest raven]; muscle; RU (833)
- AVE *Dacelo novaeguineae* (Hermann, 1783) [kookaburra]; muscle; RU (446, 833)
- AVE *Egretta alba* (Linnaeus, 1758) [great egret]; muscle; RU (833)
- AVE *Elanus notatus* Gould, 1838 [black-shouldered kite]; muscle; RU (446, 833)
- AVE *Emblema bella* (Latham, 1801) [beautiful firetail]; muscle; RU (833)
- AVE *Falco berigora* Vigors & Horsfield, 1827 [brown falcon]; muscle, intestines; RU (833)
- AVE *Fulica atra* Linnaeus, 1758 [Eurasian coot]; muscle; RU (833)
- AVE *Gallinula mortierii* (Dubois, 1840) [Tasmanian native hen]; muscle; RU (833)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; muscles; R3 (167, 446, 754, 801, 823)
- AVE *Gymnorhina leuconota* (Gould, 1837) [white-backed magpie]; muscle; RU (446, 833)
- AVE *Larus novaehollandiae* Stephens, 1826 [silver gull]; muscle; RU (833)
- AVE *Larus pacificus* Latham, 1801 [Pacific gull]; muscle; RU (833)
- AVE *Lichenostomus flavicollis* (Vieillot, 1817) [yellow-throated honeyeater]; muscle; RU (833)
- AVE *Malurus cyaneus* (Latham, 1783) [superb blue wren]; muscle; RU (833)
- AVE *Melithreptus validirostris* (Gould, 1837) [strong-billed honeyeater]; muscle; RU (833)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; muscles; R2 (989)
- AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; intestines; RU (833)
- AVE *Nycticorax caledonicus* (Gmelin, 1789) [rufous night heron]; muscle; RU (833)
- AVE *Pardalotus punctatus* (Shaw, 1792) [spotted pardalote]; muscle; RU (833)
- AVE *Pardalotus striatus* (Gmelin, 1789) [striated pardalote]; muscle; RU (833)
- AVE *Pelecanus conspicillatus* Temminck, 1824 [Australian pelican]; muscle; RU (833)
- AVE *Petroica phoenicea* Gould, 1837 [flame robin]; muscle; RU (833)
- AVE *Phalacrocorax carbo* (Linnaeus, 1758) [great cormorant]; muscle; RU (833)
- AVE *Phalacrocorax melanoleucos* (Vieillot, 1817) [little pied cormorant]; muscle; RU (833)
- AVE *Phalacrocorax sulcirostris* (Brandt, 1837) [little black cormorant]; muscle; RU (833)
- AVE *Phalacrocorax varius* (Gmelin, 1879) [pied cormorant]; muscle; RU (833)
- AVE *Platalea flavipes* Gould, 1838 [yellow-billed spoonbill]; muscle; RU (833)
- AVE *Platycercus elegans* (Gmelin, 1788) [crimson rosella]; muscle; RU (833)
- AVE *Platycercus eximius* (Shaw, 1792) [eastern rosella]; muscle; RU (446, 833)
- AVE *Poliocephalus poliocephalus* (Jardine & Selby, 1827) [hoary-headed grebe]; muscle; RU (833)
- AVE *Porphyrio porphyrio* (Linnaeus, 1758) [purple swamphen]; muscle; RU (833)
- AVE *Psephotus haematonotus* (Gould, 1837) [red-rumped parrot]; muscle; RU (833)
- AVE *Psephotus varius* Clark, 1910 [mulga parrot]; muscle; RU (446, 833)
- AVE *Sericornis frontalis* (Vigors & Horsfield, 1827) [white-browed scrubwren]; muscle; RU (833)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; muscle; RU (833)
- AVE *Tyto alba* (Scopoli, 1769) [barn owl]; intestines; RU, R3 (824, 833)
- AVE *Tyto novaehollandiae* (Stephens, 1826) [masked owl]; intestines; RU, R3 (824, 833, 842)
- AVE *Zosterops caerulescens* Latham, 1801 [silver-eye]; muscle; RU (833)
- MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; muscle; RU (826, 830)
- MAM *Antechinus swainsonii* (Waterhouse, 1840) [dusky antechinus]; muscle; RU (826, 830)
- MAM *Bos taurus* Linnaeus, 1758 [ox]; muscle, foetus, placenta, antibodies (CFT); RU, R3, R6, R7, R8, R12 (298, 818, 820, 692, 1037, 1042, 1060)
- MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; faeces; R2, R5 (67, 375)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; intestines, faeces; RU, R1, R2, R6, R8 (95, 167, 220, 312, 371, 373, 375, 593, 692, 763, 815, 819, 823, 1040, 1148)
- MAM *Capra hircus* Linnaeus, 1758 [goat]; muscles, antibodies (CFT); R5, R10 (469)
- MAM *Dasyurus hallucatus* (Gould, 1842) [northern quoll]; muscle; RU (606, 692)
- MAM *Dasyurus maculatus* (Kerr, 1792) [tiger quoll]; faeces; RU (830)

- MAM *Delphinus* sp.; muscle; RU (830)
- MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; muscle; R1 (1086)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R2, R3 (220, 312, 373, 375, 424, 828, 830, 840)
- MAM *Homo sapiens* Linnaeus, 1758 [human], muscle, antibodies (ELISA), faeces; R1, R2, R5 (692, 763, 861, 924, 925)
- MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; muscle; RU, R1 (830, 1074)
- MAM *Isodon macrourus* (Gould, 1842) [northern brown bandicoot]; muscle; RU (830)
- MAM *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot]; skeletal muscle; RU (606, 691)
- MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; skeletal muscle; RU (830, 1083, 1086)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; muscle; RU (826, 830)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; gut wall, muscle; RU, zoo (UK) (606, 826, 830, 1054, 1165)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; muscle; RU, R4 (30, 826, 830, 1086)
- MAM *Mastacomys fuscus* Thomas, 1882 [broad-toothed rat]; muscle; RU (830)
- MAM *Melomys cervinipes* (Gould, 1852) [fawn-footed melomys]; muscle; R1 (830)
- MAM *Melomys littoralis* (Lonnberg, 1916) [climbing rat]; muscle, R1 (830)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; muscle; RU (830)
- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; muscle; RU (830)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; muscle, brain, foetal tissues, antibodies (CFT); R2, R3, R5 (311, 371, 375, 458, 530, 739, 815, 818, 819, 828)
- MAM *Peradorcas concinna* Gould, 1842 [narbarlek]; muscle; RU (826, 830, 1086)
- MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; muscle; RU (830)
- MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; muscle; RU (830)
- MAM *Petrogale brachyotis* (Gould, 1841) [short-eared rock-wallaby]; muscle; RU (830, 1086)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; muscle; RU (826)
- MAM *Physeter macrocephalus* Linnaeus, 1758 [sperm whale] syn. *P. catadon*; muscle; RU (754, 830, 917)
- MAM *Pseudocheirus archeri* (Collett, 1884) [green ringtail possum]; muscle; RU (830, 1084)
- MAM *Pseudomys higginsii* (Trouessart, 1897) [long-tailed mouse]; muscle; RU (830)
- MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat]; skeletal muscle; RU, R1 (606, 830, 1033, 1034)
- MAM *Rattus lutreolus* (Gray, 1841) [swamp rat]; muscle; R1, R3 (754, 830)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; muscle; RU (830)
- MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; muscle; RU, R3 (606, 830, 840)
- MAM *Rattus sordidus* (Gould, 1858) [canefield rat]; muscle; R1 (830)
- MAM *Rattus* sp.; diaphragm; R1 (398)
- MAM *Sarcophilus harrisii* (Boitard, 1841) [Tasmanian devil]; faeces, muscle; R3 (830)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; muscles; R3, R4 (754, 818)
- MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; muscle; RU (826, 830)
- MAM *Trichosurus caninus* (Ogilby, 1836) [mountain brushtail possum]; muscle; R1 (830, 969, 973)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; muscle; R1 (830, 970, 973)
- MAM *Uromys caudimaculatus* (Kreffft, 1867) [white-tailed rat]; muscle; R1 (830)
- MAM *Vulpes vulpes* (Linnaeus, 1758) [fox]; faeces; R5 (375)
- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; muscle; RU (830, 1086)
- REP *Amphibolurus barbatus* (Cuvier, 1829) [bearded dragon]; muscle; RU (606)
- REP *Austrelaps superbus* (Gunther, 1858) [copperhead]; intestines; RU (833)
- REP *Leiopisma metallicum* (O'Shaughnessy, 1874) [-]; muscle; RU (833)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; faeces, small intestines; R1, R4 (743, 899, 1033)
- REP *Notechis ater* (Kreffft, 1866) [black tiger snake]; intestine; RU (833)
- REP *Pseudechis australis* (Gray, 1842) [king brown snake]; faeces; R1 (899)
- REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; intestines; R5 (743)
- REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; muscle; RU (833)
- REP *Varanus varius* (White, 1790) [lace monitor]; muscle; RU (833)
- Toxoplasma gondii** (Nicolle & Manceaux, 1908) Nicolle & Manceaux, 1909
- AVE *Casuarium casuarium* (Linnaeus, 1758) [southern cassowary]; brain; RU (1106)
- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; LU; RU (167)

- AVE *Corvus mellori* Matthews, 1912 [little raven]; LU; RU (167)
- AVE *Ducula spilorrhoa* Gray, 1858 [Torres Strait pigeon]; lung, spleen, brain; R4, R6 (463)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; muscles; RU (167, 801)
- AVE *Platycercus elegans* (Gmelin, 1788) [crimson rosella]; lung; R1 (463)
- AVE *Polytelis anthopeplus* (Lear, 1831) [regent parrot]; lung, liver, spleen; R5 (463)
- AVE *Ptilorhynchus violaceus* (Vieillot, 1816) [satin bowerbird]; liver, spleen, intestine; R5 (463)
- AVE *Pycnonotus jocosus* (Linnaeus, 1758) [red-whiskered bulbul]; liver, spleen, muscle; R2 (463)
- AVE *Sericulus chrysocephalus* (Lewin, 1808) [regent bowerbird]; liver, spleen, intestine; R2 (463)
- AVE *Serinus canaria* Linnaeus, 1758 [canary]; central nervous system; RU, R2 (167, 667)
- MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; tissue cysts; RU (38)
- MAM *Bos taurus* Linnaeus, 1758 [ox]; neural tissues, muscles, antibodies (DT, CFT, IFAT); R1, R3 (167, 224, 306, 310, 459, 813, 817, 829, 832, 1041, 1085)
- MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; antibodies (DAT); R2 (555)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; various tissues, antibodies (CFT, HAT); RU, R1, R2 (167, 224, 310, 459, 692, 1059, 1060, 1222, 1238, 1247)
- MAM *Capra hircus* Linnaeus, 1758 [goat]; various tissues, antibodies (IFAT, IHAT); RU, R2, R3 (167, 747, 831, 853, 875, 910, 1102)
- MAM *Dasyurus* (syn. *Dasyuroides*) *byrnei* (Spencer, 1896) [kowari]; tissue cysts, RU (38)
- MAM *Dasyurus cristicauda* (Kreff, 1867) [mulgara]; tissue cysts; RU (38)
- MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; LU, R6, zoo (Aust.) (167)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; muscle, antibodies (CFT); R1 (167, 224, 310)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces, various tissues, antibodies (LAT, HAT, IHAT, ELISA), R1, R2, R3, R4, R5, R6, R8 (167, 222, 224, 296, 310, 373, 424, 459, 494, 519, 692, 763, 781, 825, 829, 957, 1059, 1060, 1065, 1085, 1086, 1102, 1134, 1148, 1222, 1238, 1243)
- MAM *Homo sapiens* Linnaeus, 1758 [human], brain, lymph nodes, antibodies (CFT, DT, IHAT, DAT, LAT, IFAT, ELISA); RU, R1, R2, R3, R4, R5, R6, R9 (41, 167, 223, 248, 249, 310, 325, 388, 436, 437, 494, 527, 534, 536, 537, 544, 547, 559, 621, 692, 781, 812, 827, 901, 925, 1010, 1011, 1032, 1060, 1063, 1102, 1116, 1129, 1132, 1219)
- MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; brain; kidney, muscle, heart, antibodies (CFT); R1, R2, R3 (167, 224, 398, 399, 907, 1060, 1073, 1074, 1079, 1080)
- MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; lung, brain, antibodies (CFT); R1 (224, 826, 961, 962, 1060)
- MAM *Lasiorchinus latifrons* (Owen, 1845) [southern hairy-nosed wombat]; LU; RU (303)
- MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; heart; RU (1083, 1086)
- MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; various tissues, antibodies (IHAT); R2, R6, zoo (EUR, USA) (167, 296, 297, 519, 528, 944, 985, 986)
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; various tissues, antibodies (IHA, LAT, MAT, DT); zoo (USA) (309, 310)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; various tissues, antibodies (IHAT); RU, zoo (USA) (528, 944, 1086)
- MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; various organs; R6, zoo (Aust., USA) (167, 310, 1240)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; lungs, antibodies (IHAT, CSFA); zoo (USA) (100, 310, 1002)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; various tissues, antibodies (DAT, MAT, ELISA), R3, zoo (USA, UK, EUR) (31, 36, 167, 310, 434, 521, 551, 553, 725, 784, 826, 981, 1086, 1102)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; brain, peritoneum; RU, R3, R5 (81, 225, 247, 249, 296, 329, 435, 436, 437, 531, 535, 538, 539, 540, 541, 542, 543, 544, 545, 546, 548, 550, 558, 560, 680, 682, 683, 722, 829, 903, 938, 1060, 1077, 1079, 1129, 1132, 1134, 1135)
- MAM *Neophoca cinerea* (Peron, 1816) [Australian sea-lion]; heart; RU (348)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; various tissues, antibodies (DT, CFT, IFAT, IHAT, ELISA); RU, R1, R2, R3, R4, R5, R6 (167, 225, 281, 308, 310, 455, 456, 457, 460, 692, 806, 807, 809, 810, 816, 817, 832, 837, 848, 849, 850, 888, 914, 956, 957, 958, 1059, 1060, 1077, 1078, 1079, 1085, 1086, 1109, 1134, 1238)
- MAM *Parantechinus apicalis* (Gray, 1842) [dibbler]; tissue cysts; RU (38)
- MAM *Parantechinus macdonnellensis* (Spencer, 1896) [fat-tailed antechinus]; tissue cysts; RU (38)
- MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; central nervous system; R3 (911)
- MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; brain, antibodies (CFT);

- R1 (224, 826, 961, 962)
 MAM *Petrogale xanthopus* Gray, 1855 [yellow-footed rock-wallaby]; LU; RU (310)
 MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; various tissues; RU, R1, zoo (Aust.) (31, 168, 288, 462, 826, 899)
 MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed potoroo]; lungs, liver, muscle, antibodies (IHAT); zoo (USA) (528, 944)
 MAM *Rattus fuscipes* (Waterhouse, 1839) [allied rat]; various organs, antibodies (CFT); R1 (167, 224, 692, 961)
 MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; brain, antibodies (CFT); R1 (224, 692, 961)
 MAM *Rattus* sp.; diaphragm, brain; R1 (398)
 MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; muscle, brain, kidney, antibodies (DT); R6 (167, 310, 390, 826, 1086)
 MAM *Sminthopsis crassicaudata* (Gould, 1844) [fat-tailed dunnart]; tissue cysts; RU (38)
 MAM *Sminthopsis laniger* (Gould, 1856) [kultarr]; tissue cysts; RU (38)
 MAM *Sminthopsis leucopus* (Gray, 1842) [white-footed dunnart]; tissue cysts; RU (38)
 MAM *Sminthopsis macroura* (Gould, 1845) [stripe-faced dunnart]; tissue cysts; RU (38)
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; muscles; antibodies (IFAT); R3, R5 (167, 307, 310, 550, 817, 1019, 1085)
 MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; various tissues, antibodies (DT, DAT, MAT, ELISA); R3 (31, 167, 551, 553, 811, 826, 905, 1086)
 MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; various organs; RU (28, 31, 168, 303, 972, 1102)
 MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; various organs; RU, zoo (USA), (310, 1141, 1086)

Toxoplasma wenyoni Coutelen, 1932

- MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; brain; zoo (UK) (229, 310)

***Toxoplasma* sp.**

- AVE *Corvus coronoides* (Vigors & Horsfield, 1827) [Australian raven]; various tissues; R1 (224)
 AVE *Leucosarcia melanoleuca* (Latham, 1801) [wonga pigeon]; liver, spleen, intestines, lung; R2 (463, 989)
 AVE *Ninox strenua* (Gould, 1838) [powerful owl]; liver, lung; R2 (989)
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; leucocytes; R2 (641, 1059)
 AVE *Polytelis swainsonii* (Desmarest, 1826) [superb parrot]; liver, lung, spleen; R2 (463, 989)

- MAM *Antechinus minimus* (Geoffroy, 1803) [swamp antechinus]; LU; RU (826)
 MAM *Antechinus swainsonii* (Waterhouse, 1840) [dusky antechinus]; LU; RU (826)
 MAM *Dasyurus* sp.; various tissues, immunolabelling; RU (168)
 MAM *Dasyurus viverrinus* (Shaw, 1800) [eastern quoll]; lung; RU (1059)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; various organs; RU, zoo (USA) (438, 528, 1086)
 MAM *Macropus* sp.; various tissues, antibodies (IHAT); RU, zoo (USA) (168, 981, 1002)
 MAM *Macrotis lagotis* (Reid, 1837) [bilby]; various tissues; RU (168)
 MAM *Melomys cervinipes* (Gould, 1852) [fawn-footed melomys]; brain, antibodies (CFT); R1 (224)
 MAM *Melomys littoralis* (Lonnberg, 1916) [climbing rat]; antibodies (CFT); R1 (224)
 MAM *Myrmecobius fasciatus* Waterhouse, 1836 [numbat]; various tissues; RU (168)
 MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; brain, antibodies (IFAT); RU, R3 (692, 811, 1059, 1060, 1238)
 MAM *Perameles* sp.; various tissues; RU (168)
 MAM *Phascogale tapoatafa* (Meyer, 1793) [brush-tailed phascogale]; brain; R1 (224, 826)
 MAM *Pseudocheirus* sp.; various tissues, immunolabelling; RU (168)
 MAM *Rattus sordidus* (Gould, 1858) [canefield rat]; antibodies (CFT); R1 (224)
 MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; antibodies (CFT); R1 (224)
 MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; brain, heart, antibodies (CFT); R1, R2 (224, 826, 970, 973, 1060)
 MAM *Uromys caudimaculatus* (Krefft, 1867) [white-tailed rat]; antibodies (CFT); R1 (224)

Unidentified coccidian cysts

- MAM *Bos taurus* Linnaeus, 1758 [ox]; foetal brain; R2 (941)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; adipose tissue; R4 (315)

- Class: HAEMATOZOA [motile zygote (kinete)]
 Order: HAEMOSPORIDA [blood parasites]
 Family: PLASMODIIDAE
Billbraya australis Paperna & Landau, 1990
 REP *Phyllodactylus marmoratus* (Gray, 1845) [marbled gecko]; blood; R5 (927)
Fallisia copemani Paperna & Landau, 1990
 REP *Carlia rhomboidalis* (Peters, 1869) [-]; blood; R1 (928, 929, 1048, 1127)
Haemocystidium chelodinae Johnston & Cleland, 1909
 REP *Chelodina longicollis* (Shaw, 1794) [long-

necked tortoise]; blood; R1 (211, 564, 570, 572, 575, 577, 695)

REP *Chelodina oblonga* Gray, 1841 [oblong turtle]; blood; R2 (211, 575, 577, 695)

REP *Elseya dentata* (Gray, 1863) [northern snapping turtle]; blood; R1 (695)

REP *Elseya latisternum* Gray, 1867 [saw-shelled turtle]; blood; R1 (695)

REP *Emydura krefftii* (Gray, 1871) [Krefft's river turtle]; blood; R1 (211, 212, 572, 575, 695)

REP *Emydura macquarii* (Gray, 1830) [Murray turtle]; blood; R2 (577, 581, 695)

***Haemocystidium* sp.**

REP *Oedura tyroni* De Vis, 1884 [southern spotted velvet gecko]; blood; R1 (577, 581)

***Haemoproteus columbae* Kruse, 1890**

AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; blood; R6 (694)

AVE *Ptilinopus superbus* (Temminck, 1810) [superb fruit-dove]; blood; R1 (128, 217, 581, 694)

***Haemoproteus danilewskyi* Kruse, 1890; syn. *Plasmodium danilewskyi* Grassi & Feletti, 1890**

AVE *Acanthochoaera chrysoptera* (Latham, 1801) [little wattlebird]; blood; R1 (217, 579, 581, 694)

AVE *Ardea novaehollandiae* Latham, 1790 [white-faced heron]; blood; R1 (128, 217, 581, 694)

AVE *Chlamydera nuchalis* (Jardine & Selby, 1830) [great bowerbird]; blood; R1 (128, 217, 581, 694)

AVE *Cracticus destructor* Temminck, 1824 [butcherbird]; blood; R1 (128, 217, 581)

AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; blood; R1 (128, 694)

AVE *Dicrurus hottentottus* (Linnaeus, 1766) [spangled drongo]; blood; R1 (128, 217, 581, 694)

AVE *Eudynamys cyanocephala* Latham, 1801 [cuckoo]; blood; R1 (128, 217, 581)

AVE *Eudynamys orientalis* (Linnaeus, 1766) [koel]; blood; R1 (694)

AVE *Gymnorhina leuconota* (Gould, 1837) [white-backed magpie]; blood; zoo (UK) (579, 694, 959)

AVE *Haliastur girrenera* Vieillot, 1817 [white-headed sea-eagle]; blood; R1 (128, 217, 581, 694)

AVE *Megalurus gramineus* (Gould, 1845) [little grassbird]; blood; R1 (128, 217, 581, 694)

***Haemoproteus gehyrae* Paperna & Landau, 1991**

REP *Gehyra australis* Gray, 1845 [northern dtella]; blood; R1 (930)

***Haemoproteus geocichlae* (Cleland & Johnston, 1909); syn. *Halteridium geocichlae* Cleland & Johnston, 1909**

AVE *Zoothera dauma* (Latham, 1801) [mountain thrush]; blood; R2 (206, 208, 211, 217, 570, 571, 578,

579)

***Haemoproteus mackerrasi* Paperna & Landau, 1991; syn. *Haemocystidium simondi* Castellani & Willey, 1904; syn. *Haemoproteus simondi* (Castellani & Willey) Wenyon, 1926**

REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; blood; R1 (40, 695)

REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; blood; R1 (40, 695, 930)

REP *Oedura tyroni* De Vis, 1884 [southern spotted velvet gecko]; blood; R1 (40, 695)

REP *Phyllurus platurus* (White, 1790) [southern leaf-tailed gecko]; blood; R2 (40, 695)

***Haemoproteus nettionis* (Johnston & Cleland, 1909); syn.**

Halteridium nettionis Johnston & Cleland, 1909; syn. *Halteridium nettii* Johnston, 1910

AVE *Anas castanea* (Eyton, 1838) [chestnut teal]; blood; R2 (74, 208, 211, 217, 568, 570, 571, 578, 579, 694)

AVE *Anas gibberifrons* Muller, 1842 [grey teal]; blood; R2 (74)

AVE *Anas superciliosa* Gmelin, 1789 [Pacific black duck]; blood; R2 (74, 694)

AVE *Anser anser domesticus* Linnaeus 1758 [domestic goose]; blood; RU (801)

AVE *Chenonetta jubata* (Latham, 1801) [maned duck]; blood; R2 (74)

AVE *Tadorna tadornoides* (Jardine & Selby, 1828) [chestnut-breasted shelduck]; blood; R2, zoo (UK) (74, 579, 694, 959)

***Haemoproteus noctuae* Celli & San Felice, 1891**

AVE *Ninox boobook* Latham, 1801 [boobook owl]; blood; R1 (128, 217, 581)

AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; blood; R1 (128, 581, 694)

AVE *Ninox strenua* (Gould, 1838) [powerful owl]; blood; R1 (216, 217, 581, 694)

***Haemoproteus oedurae* Paperna & Landau, 1991**

REP *Oedura castelnaui* (Thomassinot, 1889) [northern velvet gecko]; blood; R1 (930)

***Haemoproteus ptilotis* (Cleland & Johnston, 1909) Bennett**

et al., 1994; syn. *Haemoproteus philemon* (Cleland & Johnston, 1909) Coatney, 1936; syn. *Halteridium philemon* Cleland & Johnston, 1909; syn. *Halteridium ptilotis* Cleland & Johnston, 1909

AVE *Lichenostomus chrysops* (Latham, 1801) [yellow-faced honeyeater]; blood; R2 (206, 208, 211, 216, 217, 570, 571, 578, 579, 694)

AVE *Lichenostomus fuscus* (Gould, 1837) [brown honeyeater]; blood; R1 (210, 217, 579, 581, 694)

AVE *Lichenostomus melanops* (Latham, 1801) [yellow-tufted honeyeater]; blood; zoo (UK) (694, 960)

AVE *Lichenostomus penicillatus* (Gould, 1837)

- [white-plumed honeyeater]; blood; R4 (694)
 AVE *Lichenostomus plumulus* (Gould, 1841)
 [yellow-fronted honeyeater]; blood; R6 (208, 211,
 212, 217, 571, 578, 579, 694)
 AVE *Lichenostomus virescens* (Vieillot, 1817)
 [singing honeyeater]; blood; R5 (210, 217, 579)
 AVE *Manorina melanocephala* (Latham, 1801)
 [noisy miner]; blood; R1 (75)
 AVE *Philemon corniculatus* (Latham, 1790)
 [noisy friarbird]; blood; R1, R2 (128, 206, 208, 210,
 211, 217, 570, 571, 578, 579, 581, 694)
 AVE *Phylidonyris novaehollandiae* (Latham,
 1790) [yellow-winged honeyeater]; blood; R2 (206,
 208, 211, 217, 570, 571, 578, 579, 694)
- Haemoproteus underwoodsauri** Paperna & Landau, 1991
 REP *Underwoodsaurus milii* (Bory de Saint-
 Vincent, 1825) [thick-tailed gecko]; blood; R5 (930)
- Haemoproteus sp.**
 AVE *Acanthogenys rufogularis* Gould, 1838
 [spiny-cheeked honeyeater]; blood; R4 (217, 216,
 694)
 AVE *Alectura lathami* Gray, 1831 [Australian
 brush turkey]; blood; R1 (210, 216, 217, 579, 581,
 694)
 AVE *Aphelocephala leucopsis* (Gould, 1840)
 [southern whiteface]; blood; R5 (210, 217, 579, 694)
 AVE *Barnardius semitorquatus* (Quoy &
 Gaimard, 1830) [twenty-eight parrot]; blood; RU
 (694)
 AVE *Cacatua galerita* (Latham, 1790) [sulphur-
 crested cockatoo]; blood; R1 (694)
 AVE *Columba livia* Gmelin, 1789 [domestic
 pigeon]; blood; R1 (899)
 AVE *Corvus orru* Bonaparte, 1851 [Torresian
 crow]; blood; R1 (899)
 AVE *Dacelo novaeguineae* (Hermann, 1783)
 [kookaburra]; blood; R2 (217, 571, 578, 579, 694,
 1232)
 AVE *Dicaeum hirundinaceum* (Shaw, 1792)
 [mistletoe bird]; blood; R1 (217, 216, 694)
 AVE *Entomyzon cyanotis* (Latham, 1801) [blue-
 faced honeyeater]; blood; R1 (210, 217, 579, 581,
 694)
 AVE *Eudynamys cyanocephala* Latham, 1801
 [cuckoo]; blood; R1 (217)
 AVE *Eudynamys scolopacea* (Linnaeus, 1758)
 [common koel]; blood; R1 (899)
 AVE *Ardeotis australis* (Gray, 1829) [plain
 turkey]; blood; R1 (694)
 AVE *Falco cenchroides* Vigors & Horsfield,
 1827 [Nankeen kestrel]; blood; R1 (899)
 AVE *Gerygone albobularis*; blood; RU, R1
 (216, 217)
 AVE *Gerygone olivacea* (Gould, 1838) [white-
 throated gerygone]; blood; R1 (694)
- AVE *Grallina picata* Latham, 1801 [Australian
 magpie lark]; blood; R1 (210, 217, 579, 581, 694)
 AVE *Gymnorhina tibicen* (Latham, 1801)
 [Australian magpie]; blood; R4 (694)
 AVE *Lichenostomus penicillatus* (Gould, 1837)
 [white-plumed honeyeater]; blood; R4, zoo (UK)
 (216, 217, 445)
 AVE *Manorina flavigula* (Gould, 1839) [yellow-
 throated miner]; blood; R4 (210, 217, 579, 694)
 AVE *Manorina melanocephala* (Latham, 1801)
 [noisy miner]; blood; R1 (210, 217, 579, 581, 694)
 AVE *Melithreptus brevirostris* (Vigors &
 Horsfield, 1827) [brown-headed honeyeater]; blood;
 R5 (217, 694)
 AVE *Melithreptus lunatus* (Vieillot, 1802)
 [white-naped honeyeater]; blood; R2 (208, 211, 212,
 571, 578, 579, 694)
 AVE *Melithreptus validirostris* (Gould, 1837)
 [strong-billed honeyeater]; blood; R2 (216, 694)
 AVE *Merops ornatus* Latham, 1801 [rainbow
 bee-eater]; blood; R1 (210, 217, 579, 581, 694)
 AVE *Microeca fascinans* (Latham, 1801) [brown
 flycatcher]; blood; R1 (210, 217, 579, 581, 694)
 AVE *Myiagra rubecula* (Latham, 1801) [leaden
 flycatcher]; blood; R2 (208, 211, 212, 217, 571, 578,
 579, 694)
 AVE *Myzomela sanguinolenta* (Latham, 1801)
 [scarlet honeyeater]; blood; R1 (210, 216, 217, 579,
 581, 694)
 AVE *Ninox boobook* Latham, 1801 [boobook
 owl]; blood; R1 (208, 211, 212, 216, 217, 579, 581)
 AVE *Oriolus sagittatus* (Latham, 1801) [olive-
 backed oriole]; blood; R1 (210, 579, 581, 694)
 AVE *Pardalotus melanocephalus* (Gould, 1838)
 [black-headed pardalote]; blood; R1 (210, 216, 217,
 581, 694)
 AVE *Petroica phoenicea* Gould, 1837 [flame
 robin]; blood; R4 (210, 217, 579, 694)
 AVE *Philemon corniculatus* (Latham, 1790)
 [noisy friarbird]; blood; R2 (217)
 AVE *Platycercus adelaidae* Gould, 1840
 [Adelaide rosella]; blood; R5 (210, 217, 579, 694)
 AVE *Podargus strigoides* (Latham, 1801)
 [tawny frogmouth]; blood; R1 (694)
 AVE *Pomatostomus superciliosus* (Vigors &
 Horsfield, 1827) [white-browed babbler]; blood; R5
 (208, 211, 212, 217, 571, 579, 694)
 AVE *Ptilorhynchus violaceus* (Vieillot, 1816)
 [satin bowerbird]; blood; R2, zoo (UK) (694, 1234)
 AVE *Sphecothebes viridis* Vieillot, 1816
 [figbird]; blood; RU (217)

- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood; R1, R2 (461, 694, 899)
- AVE *Threskiornis molucca* Cuvier, 1829 [white ibis]; blood; R1 (899)
- AVE *Zosterops caeruleascens* Latham, 1801 [silver-eye]; blood; R1, R2 (208, 210, 211, 212, 571, 578, 579, 581, 641, 694)
- AVE *Zosterops dorsalis*; blood; RU (217)
- REP *Amphibolurus caudicinctus* (Gunther, 1875) [ring-tailed dragon]; blood; R9 (900)
- Hemolivia mariae** Smallridge & Paperna, 1997
- ART *Amblyomma limbatum* Neumann, 1899 [reptile tick]; intestines; R5 (1076)
- REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; blood; R5 (1076)
- Hepatocystis levinei** Landau *et al.*, 1985
- ART *Culicoides nubeculosus* Macfie, 1758 [-]; gut, salivary glands (exptl. infection); R1 (623)
- MAM *Pteropus poliocephalus* Temminck, 1825 [grey-headed flying-fox]; blood, liver; R1 (623)
- Hepatocystis pteropi** (Breinl, 1913) Lawrence, 1955; syn. *Plasmodium pteropi* Breinl, 1913
- MAM *Pteropus colinus* Anderson, 1908 [-]; blood; R1 (692, 744)
- MAM *Pteropus conspicillatus* Gould, 1850 [spectacled flying-fox]; blood; R1 (64, 345, 692, 693)
- MAM *Pteropus geddiei* MacGillivray, 1860 [-]; blood; R1 (692, 744)
- MAM *Pteropus gouldii* Peters, 1867 [-]; blood; R1 (64, 128, 345, 387, 581, 642, 692, 693, 726)
- MAM *Pteropus poliocephalus* Temminck, 1825 [grey-headed flying-fox]; blood; R1 (387, 692, 693)
- MAM *Pteropus sacpulus* Peters, 1862 [little red flying-fox]; blood, R1 (64, 345, 642, 692, 693)
- MAM *Pteropus* sp.; blood, RU (286)
- Hepatocystis sp.**
- MAM *Dobsonia moluccense* (Quoy & Gaimard, 1810) [bare-backed fruit-bat]; blood; R9 (692, 726)
- MAM *Pteropus alecto* Temminck, 1837 [black flying-fox]; blood; R1 (899)
- Leucocytozoon anellobiae** (Cleland & Johnston, 1911) Johnston, 1912
- AVE *Acanthochaera chrysoptera* (Latham, 1801) [little wattlebird]; blood; R1 (75, 216, 217, 579, 581, 694)
- AVE *Acanthogenys rufogularis* Gould, 1838 [spiny-cheeked honeyeater]; blood; R1 (216, 217, 694)
- AVE *Entomyzon cyanotis* (Latham, 1801) [blue-faced honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
- AVE *Lichenostomus fuscus* (Gould, 1837) [brown honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
- AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood; R1 (75, 210, 216, 217, 579, 581, 694)
- AVE *Myzomela sanguineolenta* (Latham, 1801) [scarlet honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
- AVE *Philemon corniculatus* (Latham, 1790) [noisy friarbird]; blood; R1 (128, 217, 581, 694)
- AVE *Sphecotheres viridis* Vieillot, 1816 [figbird]; blood; R1 (210, 217, 216, 579, 581)
- Leucocytozoon caprimulgi** Kerandel, 1913
- AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth]; blood; R1 (217, 581, 694)
- Leucocytozoon danilewskyi** Ziemann, 1898
- AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; blood; R4 (694)
- Leucocytozoon sakharoffi** Sambon, 1908
- AVE *Corcorax melanorhamphos* (Vieillot, 1817) [white-winged chough]; blood; R1 (210, 216, 217, 579, 581, 694)
- Leucocytozoon vandenbrandeni** Rodhain, 1931
- AVE *Phalacrocorax melanoleucos* (Vieillot, 1817) [little pied cormorant]; blood; R4 (694)
- Leucocytozoon sp.**
- AVE *Ailuroedus smithi*; blood; R1 (217)
- AVE *Alisterus scapularis* (Lichtenstein, 1816) [Australian king-parrot]; tissues; zoo (UK) (1216)
- AVE *Climacteris picumnus* Temminck, 1824 [brown treecreeper]; blood; R4 (694)
- AVE *Geopelia humeralis* (Temminck, 1821) [bar-shouldered dove]; liver, heart, kidney; R2 (989)
- AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie]; blood, spleen; R1, R2 (461, 694, 989)
- AVE *Lichenostomus penicillatus* (Gould, 1837) [white-plumed honeyeater]; blood; zoo (UK) (445)
- AVE *Menura novaehollandiae* Latham, 1801 [superb lyrebird]; various organs; R2 (487, 989)
- AVE *Neophema pulchella* (Shaw, 1792) [turquoise parrot]; tissues; zoo (EUR, UK) (1053, 1216)
- AVE *Ninox connivens* (Latham, 1801) [barking owl]; blood; R1 (899)
- AVE *Nycticorax caledonicus* (Gmelin, 1789) [rufous night heron]; heart; R2 (989)
- AVE *Oriolus sagittatus* (Latham, 1801) [olive-backed oriole]; blood; R1 (210, 216, 579, 581, 694)
- AVE *Pardalotus melanocephalus* (Gould, 1838) [black-headed pardalote]; blood; R1 (210, 581, 694)
- AVE *Platycercus adelaidae* Gould, 1840 [Adelaide rosella]; tissues; zoo (UK) (382, 1216)

- AVE *Platycercus elegans* (Gmelin, 1788) [crimson rosella]; various tissues; zoo (EUR, UK) (382, 1053)
- AVE *Platycercus eximius* (Shaw, 1792) [eastern rosella]; tissues; zoo (EUR, UK) (382, 1053)
- AVE *Platycercus icterotis* (Kuhl, 1820) [western rosella]; tissues; zoo (EUR) (1053)
- AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth]; blood; R1 (216)
- AVE *Polytelis alexandrae* Gould, 1863 [Alexandra's parrot]; various tissues; zoo (EUR) (1053)
- AVE *Polytelis anthopeplus* (Lear, 1831) [regent parrot]; various tissues; zoo (EUR) (1053)
- AVE *Ptilorhynchus violaceus* (Vieillot, 1816) [satin bowerbird]; blood; zoo (UK) (694, 1234)
- AVE *Sphecotheres vieilloti* Vigors & Horsfield, 1827 [southern figbird]; blood; R1 (694)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood, muscle, heart, lung, liver; R2 (461, 694)
- Pirhemocytion tarentolae*** Chatton & Blanc, 1914
- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; blood; R1 (695, 1094)
- REP *Phyllurus platurus* (White, 1790) [southern leaf-tailed gecko]; blood; R2 (66, 695)
- Pirhemocytion* sp.**
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1 (695)
- Plasmodium berghei*** Vincke & Lips, 1948 emend. Garnham, 1966
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood (exptl. infection); R1, R2 (614)
- Plasmodium biziuriae*** Gilruth *et al.*, 1910 emend. Garnham, 1966; syn. *Proteosoma biziuriae* Gilruth *et al.*, 1910
- AVE *Anas superciliosa* Gmelin, 1789 [Pacific black duck]; blood; RU (694)
- AVE *Biziura lobata* (Shaw, 1796) [musk duck]; blood; zoo (Aust.) (217, 392, 579, 694)
- AVE *Cygnus atratus* (Latham, 1790) [black swan]; blood; R1 (215, 216, 217, 446, 581, 694)
- AVE *Malacorhynchus membranaceus* (Latham, 1801) [pink eared duck]; blood; R1 (694)
- Plasmodium egerniae*** Mackerras, 1961
- REP *Egernia major* (Gray, 1845) [land mullet]; blood; R1 (40, 387, 695, 1048, 1127)
- Plasmodium falciparum*** Welch, 1897
- ART *Anopheles amictus* Edwards, 1921 [anopheline mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)
- ART *Anopheles annulipes* Walker, 1856 [common Australian anopheline]; salivary glands (exptl. infection); R1 (90, 685, 1006, 1088, 1089)
- ART *Anopheles bancrofti* Giles, 1902 [black Australian anopheline]; salivary glands (exptl. infection); R1 (90, 685)
- ART *Anopheles farauti* Laveran, 1902 [Australian malaria mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)
- ART *Anopheles hilli* Woodhill & Lee, 1944 [anopheline mosquito]; gut (exptl. infection); R1 (685)
- ART *Anopheles punctulatus* Dönitz, 1901 [anopheline mosquito]; salivary glands (exptl. infection); R1 (22, 194, 342, 344, 687, 688, 690, 1066, 1088, 342, 690, 344, 22, 1006, 1089)
- ART *Anopheles stigmaticus* Skuse, 1889 [anopheline mosquito]; salivary glands (exptl. infection); R1 (90, 685)
- MAM *Homo sapiens* Linnaeus, 1758 [human], blood; RU, R1, R2, R3, R8, R9 (22, 80, 84, 85, 87, 88, 89, 90, 91, 129, 194, 240, 342, 343, 344, 370, 510, 567, 581, 685, 686, 687, 688, 690, 692, 878, 1006)
- Plasmodium giganteum*** Theiler, 1930 [*P. g. australis* subsp. Mackerras, 1961]
- REP *Amphibolurus barbatus* (Cuvier, 1829) [bearded dragon]; blood; R1 (40, 387, 695, 1127)
- Plasmodium mackerrasae*** Telford, 1979
- REP *Egernia cunninghami* (Gray, 1832) [Cunningham's skink]; blood; R1 (1048, 1126, 1127)
- REP *Egernia striolata* (Peters, 1870) [tree skink]; blood; R1 (1048, 1126, 1127)
- REP *Egernia whitii* (Lacepede, 1804) [White's skink]; blood (exptl. infection); R1 (1048, 1126, 1127)
- Plasmodium malariae*** (Feletti & Grassi, 1889) Int. Comm. Zool. Nomen., 1954 emend. Garnham, 1966
- ART *Anopheles punctulatus* Dönitz, 1901 [anopheline mosquito]; LU; R1 (1089)
- MAM *Homo sapiens* Linnaeus, 1758 [human], blood; RU, R1, R2, R3, R8, R9 (87, 89, 90, 91, 194, 240, 370, 522, 567, 581, 685, 686, 692, 878)
- Plasmodium ovale*** Stephens, 1922 emend. Garnham, 1966
- MAM *Homo sapiens* Linnaeus, 1758 [human], blood; R8 (90, 91, 370)
- Plasmodium relictum*** (Grassi & Feletti, 1891) Corradetti *et al.*, 1963; syn. *Plasmodium passeris* Johnston & Cleland, 1909; syn. *P. praecox* Grassi & Feletti, 1891
- ART *Culex quinquefasciatus* Say, 1823 [brown house mosquito]; salivary glands (exptl. infection); R1 (643)
- AVE *Anas gibberifrons* Muller, 1842 [grey teal]; blood; R2 (74)
- AVE *Larus novaehollandiae* Stephens, 1826 [silver gull]; blood; R2 (643)
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; blood; R2 (208, 211, 215, 216, 446, 562, 567, 568, 570, 571, 573, 578, 641, 643, 694)

- AVE *Serinus canaria* Linnaeus, 1758 [canary]; blood (exptl. infection); R1 (643)
- AVE *Sturnus vulgaris* Linnaeus, 1758 [common starling]; blood; R2 (446, 641, 694)
- Plasmodium vaughani*** Novy & MacNeal, 1905 emend. Corradetti *et al.*, 1963
- AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood; R1 (75)
- Plasmodium vivax*** (Grassi & Feletti, 1890) Int. Comm. Zool. Nomen., 1954 emend. Garnham, 1966
- ART *Anopheles amictus* Edwards, 1921 [anopheline mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)
- ART *Anopheles annulipes* Walker, 1856 [common Australian anopheline]; salivary glands (exptl. infection); R1 (90, 685, 1006, 1088, 1089)
- ART *Anopheles bancrofti* Giles, 1902 [black Australian anopheline]; salivary glands (exptl. infection); R1 (90, 685, 1089)
- ART *Anopheles farauti* Laveran, 1902 [Australian malaria mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)
- ART *Anopheles meraukensis* Venhuis, 1932 [anopheline mosquito]; gut (exptl. infection); R1 (90, 685)
- ART *Anopheles punctulatus* Dönitz, 1901 [anopheline mosquito]; salivary glands (exptl. infection); R1 (22, 194, 342, 344, 687, 688, 1006, 1088, 1089)
- ART *Anopheles stigmaticus* Skuse, 1889 [anopheline mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1089)
- MAM *Homo sapiens* Linnaeus, 1758 [human], blood; RU, R1, R2, R3, R8, R9 (22, 82, 84, 85, 86, 87, 88, 89, 90, 91, 129, 194, 218, 219, 240, 342, 343, 344, 370, 510, 562, 567, 573, 581, 685, 686, 687, 688, 689, 692, 791, 877, 878, 1006, 1250)
- Plasmodium yoelii*** Landau & Killick-Kendrick, 1966 emend. Killick-Kendrick, 1974
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood (exptl. infection); R2 (614)
- Plasmodium sp.***
- ART *Aedes australis* (Erichson, 1842) [saltwater mosquito]; midgut, salivary glands; R2 (641)
- ART *Culex quinquefasciatus* Say, 1823 [brown house mosquito]; gut; R2 (641, 694)
- AVE *Barnardius semitorquatus* (Quoy & Gaimard, 1830) [twenty-eight parrot]; blood; RU (694)
- AVE *Falco hypoleucos* Gould, 1840 [grey falcon]; blood; R1 (128, 215, 217, 446, 581, 694)
- AVE *Larus novaehollandiae* Stephens, 1826 [silver gull]; blood; R2 (446, 694)
- AVE *Ninox connivens* (Latham, 1801) [barking owl]; blood; R1 (899)
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; blood; R2, R5 (432, 641)
- MAM *Homo sapiens* Linnaeus, 1758 [human], blood; RU, R1, R8, R9 (193, 322, 692, 729, 1235)
- Polychromophilus melanipherus*** Dionisi, 1899 emend Landau *et al.* 1980
- MAM *Hipposideros semoni* Matschie, 1903 [greater wart-nosed horseshoe-bat]; blood; R1 (387, 692, 693)
- MAM *Eptesicus pumilus* (Gray, 1841) [little cave eptesicus]; blood; R1 (287)
- MAM *Miniopterus blepotis* (Temminck, 1840) [-]; blood; R1 (387, 692, 693)
- MAM *Miniopterus schreibersii* (Kuhl, 1817) [common bent-wing bat]; blood; RU, R2, R5 (287, 622, 692, 1234)
- MAM *Nyctophilus bifax* Thomas, 1915 [North Queensland long-eared bat]; blood; R1 (387, 693)
- MAM *Vespadelus pumilis* (Gray, 1841) [-]; blood; R1 (387, 692, 693)
- Polychromophilus murinus*** Dionisi, 1899 emend Landau *et al.* 1980
- MAM *Miniopterus australis* Tomes, 1858 [little bent-wing bat]; blood; R1 (692, 744)
- Unidentified haemosporidia**
- AVE *Zosterops caerulescens* Latham, 1801 [silver-eye]; blood; R2 (208, 212)
- MAM *Miniopterus schreibersii* (Kuhl, 1817) [common bent-wing bat]; blood; RU (692, 767)
- MAM *Myotis myotis* (Bechstein, 1819) [-]; blood; RU (692, 767)
- MAM *Myotis nattererii* (Kuhl, 1819) [-]; blood; RU (692, 767)
- REP *Crocodylus porosus* Schneider, 1801 [salt water crocodile]; erythrocytes; R1 (919)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R4 (743)
- Order: PIROPLASMIDA [tick vectors]
- Family: BABESIIDAE
- Babesia bigemina*** (Smith & Kilbourne, 1893); syn. *Piroplasma bigeminum* (Smith & Kilbourne, 1893) Patton, 1895; syn. *Pyrosoma bigeminum* Smith & Kilbourne, 1893
- ART *Boophilus microplus* (Canestini, 1887) [cattle tick]; gut, haemolymph, Malpighian tubules, ova, salivary glands, LU; RU; R1 (145, 149, 153, 259, 261, 264, 581, 645, 709, 711, 999)
- MAM *Bos taurus* (var. *indicus*) Linnaeus, 1766 [zebu]; blood; R1 (268)
- MAM *Bos taurus* Linnaeus, 1758 [ox]; blood, antibodies (CFT, HAT, IFAT); RU, R1, R8, R9 (39, 99, 145, 146, 148, 149, 151, 156, 157, 164, 167, 204, 243, 244, 245, 251, 252, 254, 259, 263, 264, 265, 268, 298, 299, 364, 406, 407, 442, 496, 497, 499, 500, 512,

587, 591, 592, 598, 599, 600, 605, 646, 647, 648, 649, 652, 674, 692, 693, 699, 700, 701, 702, 703, 704, 708, 711, 712, 716, 756, 787, 955, 963, 964, 998, 999, 1015, 1031, 1058, 1059, 1060, 1090, 1158, 1213, 1259, 1265)

MAM *Bubalus bubalis* (Linnaeus, 1758) [water buffalo]; blood; RU (162, 1151)

MAM *Equus caballus* Linnaeus, 1758 [horse]; blood; R1 (149)

MAM *Ovis aries* Linnaeus, 1758 [sheep]; blood; R1 (149)

Babesia bovis (Babes, 1888) Starcovicci, 1893; syn. *B.*

argentina (Lignieres, 1903)

ART *Boophilus microplus* (Canestini, 1887) [cattle tick]; gut, ova, salivary glands, haemolymph; R1 (256, 260, 262, 264, 709, 711, 714, 717, 721, 902, 1000, 1014, 1103)

MAM *Bos taurus* (*var. indicus*) Linnaeus, 1766 [zebu]; blood, antibodies (IHAT); R1 (268, 721)

MAM *Bos taurus* Linnaeus, 1758 [ox]; blood, antibodies (CFT, IFAT, IHAT, HAT, ELISA, RIA); RU, R1, R8, R9 (98, 99, 146, 147, 150, 152, 154, 155, 156, 158, 159, 160, 161, 163, 164, 166, 167, 241, 242, 243, 245, 246, 250, 255, 257, 258, 260, 262, 264, 265, 266, 267, 268, 295, 299, 327, 331, 385, 404, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 440, 441, 499, 500, 562, 581, 587, 588, 589, 590, 591, 592, 597, 599, 600, 602, 603, 604, 605, 648, 651, 652, 664, 674, 692, 693, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 710, 711, 712, 713, 714, 716, 717, 718, 719, 720, 721, 756, 785, 871, 955, 963, 982, 998, 1000, 1013, 1014, 1015, 1018, 1031, 1059, 1060, 1090, 1158, 1159, 1166, 1224, 1259, 1260, 1261, 1262, 1263, 1264, 1266, 1267, 1268, 1269)

MAM *Bubalus bubalis* (Linnaeus, 1758) [water buffalo]; blood; RU (162, 1151)

Babesia canis (Piana & Galli-Valerio, 1895)

MAM *Canis familiaris* Linnaeus, 1758 [dog]; blood; R1, R8, R10 (167, 476, 477, 517, 605, 674, 1060, 1258)

MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; blood; R6 (167)

Babesia equi (Laveran, 1901)

MAM *Equus caballus* Linnaeus, 1758 [horse]; blood, antibodies (IFAT); R1 (29, 165, 167, 192, 715)

Babesia rodhaini van den Berghe *et al.*, 1950

MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood (exptl. infection); R1, R2 (253, 327, 614, 674)

MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; blood (exptl. infection); R1 (674)

Babesia tachyglossi Backhouse & Bollinger, 1959

MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; blood; R2 (43, 1004)

Babesia thylacis Mackerras, 1959

MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; R1 (693)

***Babesia* sp.**

ART *Boophilus microplus* (Canestini, 1887) [cattle tick]; LU; R1 (1059)

AVE *Cracticus nigrogularis* (Gould, 1837) [pied butcherbird]; blood; R1 (899)

AVE *Dacelo novaeguineae* (Hermann, 1783) [kookaburra]; blood; R1 (899)

AVE *Eudyptula minor* (Forster, 1781) [little penguin]; blood; R1 (899)

AVE *Haliastur indus* (Boddaert, 1783) [Brahminy kite]; blood; R1 (899)

AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood; R1 (899)

MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; blood; R2 (28, 31, 55, 826, 851)

MAM *Bos taurus* Linnaeus, 1758 [ox]; blood; R1, R8, R9 (395, 396, 513, 514, 515, 587, 650, 805, 966, 1058)

MAM *Petrogale persephone* Maynes, 1982 [Proserpine rock-wallaby]; blood; R1 (899)

MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; blood; R2 (693)

REP *Bothrochilus maculosus* (Peters, 1873) [spotted python]; blood; R1 (899)

REP *Ctenotus severus* Storr, 1969 [-]; blood; R1 (899)

REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; blood; R1 (899)

Family: THEILERIIDAE

Theileria mutans (Theiler, 1906) Franca, 1909; syn. *T.*

buffeli (Neveu-Lemaire, 1912); syn. *T. orientalis* (Yakimov & Sudachenkov, 1931) Neveu-Lemaire, 1943; syn. *T. sergenti* Yakimoff & Dekhtereff, 1930

ART *Haemaphysalis bancrofti* Nuttall & Warburton, 1915 [wallaby tick]; LU; R1 (1105)

MAM *Bos taurus* Linnaeus, 1758 [ox]; blood, lymph nodes; RU, R1, R8, R9 (145, 167, 300, 301, 498, 648, 692, 693, 755, 915, 1001, 1012, 1058, 1059, 1060, 1104, 1105, 1181, 1182)

MAM *Bubalus bubalis* (Linnaeus, 1758) [water buffalo]; blood; RU (162, 167, 1151)

MAM *Ovis aries* Linnaeus, 1758 [sheep]; blood (exptl. infection); RU (498, 1060)

Theileria ornithorhynchi Mackerras, 1959

MAM *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; blood; R1, R3 (693, 750) [incorrectly recorded as *T. binneyi* in 1059, 1060]

Theileria peramelis Mackerras, 1959

MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; R1 (691, 693, 826, 851, 1059)

- MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; blood; R1 (693)
- MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed potoroo]; blood; R1 (693)
- Theileria tachyglossi* Priestley, 1915**
- MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; blood, various organs; R1, R2 (693, 974, 1059, 1060)
- Theileria* sp.**
- ART *Haemaphysalis bancrofti* Nuttall & Warburton, 1915 [wallaby tick]; LU; R1 (1001)
- ART *Haemaphysalis longicornis* Neumann, 1901 [bush tick, NZ cattle tick]; LU; R1 (1001)
- MAM *Isoodon macrourus* (Gould, 1842) [northern brown bandicoot]; blood; R1 (1060)
- MAM *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; blood; RU (692)
- MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; blood; RU (691, 692, 826, 851)
- MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed potoroo]; blood; RU (691, 692, 826, 851, 1086)
- Phylum: MICROSPORA [unicellular spores]
- Class: MICROSPOREA [polar filament]
- Order: MICROSPORIDA [polaroplast present]
- Suborder: PANSPOROBLASTINA [sporophorous vesicle present]
- Family: AMBLYOSPORIDAE
- Amblyospora dyxenoides* Sweeney *et al.*, 1988**
- ART *Culex annulirostris* Skuse, 1889 [common banded mosquito]; oenocytes, fat bodies; R4 (638, 1118, 1119, 1120, 1121)
- ART *Mesocyclops albicans* (Smith) [-]; LU; R4 (638, 1118, 1119)
- ART *Mesocyclops* sp.; LU; R4 (1121, 1123)
- Amblyospora indocola* Vavra *et al.*, 1984; syn. *A. pinensis* Kettle & Piper, 1988**
- ART *Culex sitiens* Wiedemann, 1828 [saltmarsh culex]; fat bodies; R1 (611, 1122, 1123)
- ART Unidentified cyclopoid species; LU; R1 (1122, 1123)
- Amblyospora trinus* Becnel & Sweeney, 1996**
- ART *Culex halifaxii* Theobald, 1903 [culicine mosquito]; larval fat bodies; R1 (71)
- Amblyospora* sp.**
- ART *Culex australicus* Dubrotworsky & Drummond, 1953 [culicine mosquito]; fat bodies; R4 (1123)
- Family: DUBOSCQIIDAE
- Duboscqia aediphaga* Kettle & Piper, 1988**
- ART *Aedes vigilax* (Skuse, 1889) [saltmarsh mosquito]; larval fat bodies; R1 (611)
- Duboscqia* sp.**
- ART *Anopheles hilli* Woodhill & Lee, 1944 [anopheline mosquito]; larval fat bodies; R1 (1123)
- ART *Apocyclops dengizicus* (Lepeschkin, 1900) [copepod]; LU; R1 (1123)
- Family: GLUGEIDAE
- Pleistophora sciaenae* Johnston & Bancroft, 1918**
- ACT *Johnius belangeri* (Cuvier, 1830) [little jewfish]; ovary; R13 (79, 584, 627, 858)
- Pleistophora* sp.**
- ACT *Leionura atun* (Euphrasen, 1791) [barracouta]; LU; RU (858)
- ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; LU; RU (858)
- ART *Cherax destructor* (Clark, 1936) [inland yabbie]; muscles; R5 (893)
- Vavraia oncoperae* (Milner & Beaton, 1977) Malone *et al.*, 1987; syn. *Pleistophora oncoperae* Milner & Beaton, 1977**
- ART *Oncopera alboguttata* Tindale, 1933 [Ebor grassgrub]; muscle, fat bodies, connective tissues; R2, R4 (723, 774, 775, 776, 777)
- ART *Oncopera rufobrunnea* Tindale, 1933 [underground grassgrub]; muscle, fat bodies, connective tissues; R2, R3, R4 (723, 774, 775, 776, 777, 1270)
- Vavraia parastacida* Langdon, 1991**
- ART *Cherax albidus* Clark, 136 [white yabby]; muscles; R6 (635)
- ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; muscle; R1 (630, 631)
- ART *Cherax quinquecarinatus* (Gray, 1845) [gilgy]; muscles; R6 (630, 631)
- ART *Cherax tenuimanus* (Smith, 1912) [marron]; muscles; R6 (630, 631, 635)
- Vavraia* sp.**
- ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; LU; RU (175)
- ART *Cherax tenuimanus* (Smith, 1912) [marron]; LU; RU (175)
- Family: PSEUDOPLEISTOPHORIDAE
- Octosporea muscaedomesticae* Flu, 1911**
- ART *Lucilia cuprina* (Wiedemann, 1830) [green bottle fly, sheep blowfly]; midgut; R5 (226, 1075)
- Family: THELOHANIIDAE
- Thelohania duorara* Iverson & Manning, 1959**
- ART *Penaeus esculentus* Haswell, 1879 [tiger prawn]; LU; R21 (10)
- ART *Penaeus latissulcatus* Kishinouye, 1896 [western king prawn]; muscles, connective tissue; R21 (918, 919)
- ART *Penaeus longistylus* Kubo, 1943 [redspot king prawn]; muscles, connective tissue; R21 (918, 919)
- ART *Penaeus merguensis* de Man, 1888 [banana prawn]; muscles; R21 (10, 921)
- ART *Penaeus semisulcatus* de Haan, 1844 [green tiger prawn]; muscles, connective tissue; R21 (10, 918)

***Thelohania* sp.**

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; muscles; R2, R4, R5 (10, 175, 179, 492, 508, 627, 772, 773, 800, 893, 920, 945)

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; muscle; R1 (aquaria, USA) (10, 175, 472, 473, 492, 627, 800, 920, 945, 1062)

ART *Cherax quinquecarinatus* (Gray, 1845) [gilgy]; muscles; R6 (10, 492, 627, 631, 800, 920)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; LU; RU (175)

ART *Macrobrachium rosenbergii* (de Man, 1879) [giant river prawn]; muscle; RU (920)

ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; foregut; R13 (1067)

Agmasoma penaei (Sprague, 1950); syn. *Thelohania penaei* (Sprague, 1950)

ART *Penaeus latisulcatus* Kishinouye, 1896 [western king prawn]; muscles, connective tissue; R21 (10, 921)

ART *Penaeus longistylus* Kubo, 1943 [redspot king prawn]; muscles, connective tissue; R21 (10, 921)

ART *Penaeus semisulcatus* de Haan, 1844 [green tiger prawn]; muscles, connective tissue; R21 (921)

Family: TUZETIIDAE

Tuzetia boeckella Milner & Mayer, 1982

ART *Boeckella triarticulata* (Thomson, 1883) [copepod]; muscles; R4 (778)

Suborder: APANSPOROBLASTINA
[sporophorous vesicle absent]

Family: NOSEMATIDAE

***Ichthyosporidium* sp.**

ACT *Salmo trutta* Linnaeus, 1758 [brown trout]; viscera, kidney, liver, spleen; R1 (1072)

ACT Unidentified mullet species; viscera; R1 (1072)

***Nosema* sp.**

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces (incidental finding); R1 (741)

ART *Oncopera tindalei* Common, 1966 [Tindale's grass grub]; LU; R2 (775, 1270)

ART *Samea multiplicalis* (Guenée, 1854) [moth]; LU; R1 (779)

Family: UNIKARYONIDAE

Encephalitozoon cuniculi Levaditi *et al.*, 1923

MAM *Homo sapiens* Linnaeus, 1758 [human], antibodies (IFAT); RU (1246)

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; various organs, antibodies (IFAT); R2, R6 (231, 232, 233, 234, 235, 236, 975, 1136, 1140)

Encephalitozoon hellem Didier *et al.*, 1991

AVE *Melopsittacus undulatus* (Shaw, 1805)

[budgerigar]; intestines, liver; pet shop (USA) (92)

Encephalitozoon intestinalis (Cali *et al.*, 1993) Didier *et al.*, 1996; syn. *Septata intestinalis* Cali *et al.*, 1993

MAM *Homo sapiens* Linnaeus, 1758 [human], intestines; RU (615)

Enterocytozoon bienersi Desportes *et al.*, 1985

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, intestines; R5 (679)

Family: PEREZIIDAE

Ameson nelsoni (Sprague, 1950); syn. *Nosema nelsoni* (Sprague, 1950)

ART *Penaeus esculentus* Haswell, 1879 [tiger prawn]; muscles; R21 (918, 919)

ART *Penaeus merguensis* de Man, 1888

[banana prawn]; muscles; R21, R27 (918, 919)

ART *Penaeus semisulcatus* de Haan, 1844 [green tiger prawn]; muscles; R21, R27 (918, 919)

***Ameson* sp.**

ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; muscles, blood, ovaries; R13 (1067)

INCERTAE SEDIS

Microsporidium lotaensis Kettle & Piper, 1988

ART *Aedes vigilax* (Skuse, 1889) [saltmarsh mosquito]; larval fat bodies; R1 (611)

***Microsporidium* sp.**

ART *Cherax tenuimanus* (Smith, 1912) [marron]; LU; RU (10)

Unidentified microsporan

ACT *Cephalopholis boenak* (Bloch, 1790) [brown-barred rockcod]; mesentery; R13 (899)

ACT *Choerodon venustus* (De Vis, 1884) [Venus tuskfish]; liver; R13 (899)

ACT *Engraulis australis* (Gunther, 1868) [southern anchovy]; muscle; R18 (636)

ACT *Etrumeus teres* (De Kay, 1842) [maray, round herring]; muscle; R18 (636)

ACT *Gymnocranius audleyi* Ogilby, 1916 [iodine bream]; muscle; R13 (899)

ACT *Hyperlophus vittatus* (Caste Inau, 1875) [sandy sprat, whitebait]; muscle; R18 (636)

ACT *Paramonacanthus filicauda* Günther, 1880 [threadfin leatherjacket]; liver; R13 (899)

ACT *Rhombosolea tapirina* Gunther, 1862 [greenback flounder]; liver; RU (aquarium) (858)

ACT *Sardinella lemuru* Bleeker, 1853 [scaly mackerel]; muscle; R18 (636)

ACT *Sardinops sagax* (Steindachner, 1879) [Australian pilchard]; muscles; R18 (636)

ACT *Spratelloides robustus* Ogilby, 1897 [blue sprat]; muscle; R18 (636)

ART *Panulirus cygnus* George, 1962 [western rock lobster]; musculature; R18 (282)

ART *Panulirus ornatus* (Fabricius, 1798) [ornate spiny lobster]; musculature; R27 (282)

Phylum: MYXOZOA [multicellular valved spores]
 Class: MYXOSPOREA [myxosporidia, spores with 1-2 sporoplasms, 1-6 polar capsules]
 Order: BIVALVULIDA [spores with 2 valves]
 Suborder: SPHAEROMYXINA [short polar filament]
 Family: SPHAEROMYXIDAE

***Sphaeromyxa nesogobii* Su & White, 1994**

ACT *Nesogobius* sp. [-]; gall bladder; R15 (1110)

***Sphaeromyxa* sp.**

ACT *Heteroclinus whiteleggi* (Ogilby, 1894) [Whitelegg's weedfish]; gall bladder; R13 (669)
 ACT *Hoplostethus atlanticus* Collett, 1889 [orange roughy]; gall bladder; R14, R15, R16 (657)

Suborder: VARIISPORINA [polar capsules not in sutural plane]

Family: MYXIDIIDAE

***Coccomyxa meridiei* Lom *et al.*, 1992**

ACT *Herklotsichthys castelnaui* (Ogilby, 1897) [silver herring]; gall bladder; R13 (669)

***Coccomyxa tenuiparies* Lom *et al.*, 1992**

ACT *Heteroclinus whiteleggi* (Ogilby, 1894) [Whitelegg's weedfish]; gall bladder; R13 (669)

***Myxidium durum* Hine, 1980**

ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gills; R2 (481)

***Myxidium giardi* Cepede, 1906**

ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; kidney, muscles, skin; RU, R2 (227, 669)

***Myxidium immersum* (Lutz, 1889) Kudo, 1933**

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; gall bladder; R1 (274, 277, 1087)

AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; gall bladder; R1 (274)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; gall bladder; R1, R2 (274)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; gall bladder; R1 (274)

AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; gall bladder; R1 (274)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; gall bladder; R1 (274)

AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; gall bladder; R1 (274)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; gall bladder; R1 (274)

AMP *Litoria latopalmata* Gunther, 1867 [-]; gall bladder; R1, R2 (274)

AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; gall bladder; R1, R2 (274)

AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; gall bladder; R1, R2 (274)

AMP *Litoria nyakalensis* Liem, 1974 [-]; gall

bladder; R1 (274)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; gall bladder; R1, R2 (274)

AMP *Litoria revelata* Ingram *et al.*, 1982 [-]; gall bladder; R1 (274)

AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; gall bladder; R1 (274)

AMP *Litoria tyleri* Martin *et al.*, 1979 [-]; gall bladder; R1 (274)

AMP *Litoria verreauxii* (Dumeril, 1853) [-]; gall bladder; R1 (274)

AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; gall bladder; R1 (274)

AMP *Ranidella parinsignifera* (Main, 1957) [-]; gall bladder; R1 (274)

AMP *Uperoleia laevigata* Keferstein, 1867 [-]; gall bladder; R1 (274)

***Myxidium sphaericum* Moser *et al.*, 1989**

ACT *Istiblennius meleagris* (Cuvier & Valenciennes, 1836) [-]; gall bladder; R21 (658, 802)

ACT *Petroscirtes* sp.; gall bladder; R21 (658, 802)

ACT *Salarias fasciatus* (Bloch, 1786) [-]; gall bladder; R21 (658, 802)

***Myxidium therapon* Johnston & Bancroft, 1918**

ACT *Hephaestus carbo* (Ogilby & McCulloch, 1916) [black grunter]; gall bladder; R10 (79, 584)

ACT *Scortum hillii* (Castelnaui, 1877) [Hills grunter]; gall bladder; R10 (79, 584)

***Myxidium* sp.**

ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gills; R2, R3 (481)

ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; gills; R1 (481)

ACT *Coryphaena hippurus* Linnaeus, 1758 [dolphin fish]; kidney; R18 (633)

ACT *Callionymus limiceps* Ogilby, 1908 [dragonet]; gall bladder; R13 (899)

ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; gall bladder; R13 (669)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; bile ducts, gall bladder; R1 (479)

***Zschokkella heronensis* Moser *et al.*, 1989**

ACT *Chaetodon plebius* Cuvier & Valenciennes, 1831 [-]; gall bladder; R21 (658, 802)

ACT *Choerodon venustus* (De Vis, 1884) [Venus tuskfish]; gall bladder; R21 (658, 802)

***Zschokkella macrocapsula* Su & White, 1994**

ACT *Atherinosoma microstoma* (Günther, 1861) [small mouth hardyhead]; gall bladder; R15 (1110)

ACT *Leptatherina presbyteroides* (Richardson, 1843) [silver fish]; gall bladder; R15 (1110)

***Zschokkella* sp.**

ACT *Callionymus limiceps* Ogilby, 1908 [dragonet]; gall bladder; R13 (899)

Family: ORTHOLINEIDAE

Ortholinea alata Kent & Moser, 1990

ACT *Chaetodon rainfordi* McCulloch, 1923
[northern butterfly fish]; kidney, R21 (610)

Ortholinea australis Lom *et al.*, 1992

ACT *Acanthopagrus australis* (Gunther, 1859)
[yellowfin bream]; gall bladder; R13 (669)

ACT *Rhabdosargus sarba* (Forsskål, 1775)
[tarwhine]; liver; R13 (669)

Ortholinea striateculus Su & White, 1994

ACT *Leptatherina presbyteroides* (Richardson, 1843) [silver fish]; ureter; R15 (1110)

***Ortholinea* sp.**

ACT *Chaetodon rainfordi* McCulloch, 1923
[northern butterfly fish]; kidney, R21 (658)

Triangula percae Langdon, 1987

ACT *Perca fluviatilis* Linnaeus, 1758 [redfin perch]; brain, R2, R4 (350, 625, 627, 628, 634, 803, 858)

Family: PARVICAPSULIDAE

***Parvicapsula* sp.**

ACT *Chaetodon aureofasciatus* Macleay, 1878
[-]; gall bladder; R21 (658, 802)

ACT *Diodon hystrix* Linnaeus, 1758 [porcupine fish]; kidney; R21 (658)

Family: SINUOLINEIDAE

Sinuolinea lesteri Moser *et al.*, 1989

CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; gall bladder; R21 (658, 802)

***Sinuolinea* sp.**

ACT *Chromis atripectoralis* Welander & Schultz, 1951 [-]; gall bladder; R21 (658, 802)

Family: CERATOMYXIDAE

Ceratomyxa arripica Su & White, 1994

ACT *Arripis trutta* Whitley, 1949 [Australian salmon]; gall bladder; R15 (1110)

Ceratomyxa sprengi Moser *et al.*, 1989

ACT *Chaetodon aureofasciatus* Macleay, 1878
[-]; gall bladder; R21 (658, 802)

ACT *Chaetodon rainfordi* McCulloch, 1923
[northern butterfly fish]; gall bladder, R21 (658, 802)

ACT *Choerodon venustus* (De Vis, 1884)
[Venus tuskfish]; gall bladder; R21 (658, 802)

ACT *Lutjanus amabilis* (De Vis, 1885) [crimson hussar]; gall bladder; R21 (658, 802)

ACT *Suggrundus bosschei* (Bleeker, 1860) [-];
gall bladder; R21 (658, 802)

Ceratomyxa rhodei Moser *et al.*, 1989

ACT *Petroscirtes fallax* Smith-Vaniz, 1976 [-];
gall bladder; R21 (658, 802)

***Ceratomyxa* sp.**

ACT *Acanthopagrus australis* (Gunther, 1859)
[yellowfin bream]; gall bladder; R13 (669)

ACT *Centropogon australis* (White, 1790)

[southern fortescue]; gall bladder; R13 (669)

ACT *Chaetodon trifasciatus* Park, 1797 [-]; gall
bladder; R21 (658, 802)

ACT *Epinephelus quoyanus* (Cuvier &
Valenciennes, 1830) [wire netting cod]; gall bladder;
R13, R21 (658, 802, 899)

ACT *Herklotsichthys castelnaui* (Ogilby, 1897)
[silver herring]; gall bladder; R13 (669)

ACT *Labroides australis* Randall, 1981 [-]; gall
bladder; R21 (658, 802)

ACT *Labroides* sp.; gall bladder; R21 (658,
802)

ACT *Lutjanus bohar* (Forsskål, 1775) [red bass];
gall bladder; R13 (899)

ACT *Ostracion cubicus* Linnaeus, 1758 [-]; gall
bladder; R21 (658, 802)

ACT *Plectropomus leopardus* (Lacepede, 1802)
[leopard coral trout]; gall bladder; R13, R21 (658,
802, 899)

ACT *Scorpiis lineolatus* Kner, 1865 [silver
sweep]; LU; R13 (669)

ACT *Sufflamen chrysopterus* (Bloch &
Schneider, 1801) [flagtail triggerfish]; gall bladder;
R21 (658, 802)

Leptothecca beveridgei Moser *et al.*, 1989

ACT *Scorpaenopsis gibbosus* (Bloch &
Schneider, 1801) [-]; gall bladder; R21 (658, 802)

***Leptothecca* sp.**

ACT *Terapon jarbua* (Forskål, 1775) [-]; gall
bladder; R21 (658, 802)

Family: SPHAEROSPORIDAE

Hoferellus carassii Akhmerov, 1960; syn. *Mitraspora*
cyprini Fujita, 1912

ACT *Carassius auratus* (Linnaeus, 1758)
[golden carp]; kidney; RU (858)

Hoferellus cyprini (Doflein, 1898)

ACT *Carassius auratus* (Linnaeus, 1758)
[golden carp]; kidney; RU (627)

***Mitraspora* sp.**

ACT *Cyprinus carpio* [European carp]; kidney;
R1, R3, R6 (627)

Sphaerospora aldrichettae Su & White, 1994

ACT *Aldrichetta forsteri* (Cuvier &
Vaenciennes, 1836) [freshwater mullet]; gall bladder;
R15 (1110)

Sphaerospora mayi Moser *et al.*, 1989

ACT *Atherinomorus capricornensis* (Woodland,
1961) [hardy heads]; gall bladder; R21 (658, 802)

***Sphaerospora* sp.**

ACT *Acanthopagrus australis* (Gunther, 1859)
[yellowfin bream]; kidney; R13 (1025)

ACT *Cyprinus carpio* [European carp]; kidney;
R1, R3, R4, R6 (627)

ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; kidney; R13 (669)

ACT *Myxus elongatus* Gunther, 1861 [sand mullet]; kidney; R13 (669)

Family: CHLOROMYXIDAE

***Chloromyxum noblei* Moser et al., 1989**

CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; gall bladder; R21 (658, 802)

CHO *Taeniura lymma* (Forsk. 1775) [blue-spotted ray]; gall bladder; R21 (658, 802)

***Chloromyxum pristiophori* Woolcock, 1935**

CHO *Pristiophorus cirratus* (Latham, 1793) [common saw shark]; gall bladder; R14 (79, 1255)

***Chloromyxum* sp.**

CHO *Dasyatis kuhlii* (Müller & Henle, 1841) [blue-spotted maskray]; gall bladder; R13 (669)

ACT *Echeneis naucrates* Linnaeus, 1758 [suckerfish]; gall bladder; R21 (658)

Suborder: PLATYSPORINA [polar capsules in sutural plane]

Family: MYXOBOLIDAE

***Henneguya australis* Johnston & Bancroft, 1918**

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gills; R10 (34, 79, 584, 839, 1030)

***Henneguya gracilis* Johnston & Bancroft, 1918**

ACT *Scortum hillii* (Castelnau, 1877) [Hills grunter]; gill filaments; R10 (79, 584, 627)

***Henneguya* sp.**

ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; gill, gut, fin, cornea; R13 (1024)

ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; LU; RU (627, 1030)

ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [blackfish]; gills; R13 (669)

ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gillst; R1 (144, 400)

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gills; R4 (35, 627, 1030)

ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; gills; R13 (669)

ACT *Nematalosa erebi* (Gunther, 1868) [bony bream]; gills; R10 (79, 584, 627)

***Myxobolus aldrichetti* Su & White, 1994**

ACT *Aldrichetta forsteri* (Cuvier & Valenciennes, 1836) [freshwater mullet]; gills; R15 (1110)

***Myxobolus cerebri* Hofer, 1903**

ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; cartilage; RU (670)

***Myxobolus episquamalis* Egusa et al., 1990**

ACT *Mugil cephalus* Linnaeus, 1758 [sea

mullet]; scales, fins; R13 (1021)

***Myxobolus galaxii* Langdon, 1990**

ACT *Galaxias olidus* Gunther, 1866 [mountain galaxias]; spinal cord; R2 (629)

***Myxobolus godopsii* Langdon, 1990**

ACT *Gadopsis bispinosus* Sanger, 1984 [2-spined blackfish]; muscles, connective tissue; R2, R4 (629)

ACT *Gadopsis marmoratus* Richardson, 1848 [river blackfish]; muscles, connective tissue; R2, R4 (629)

***Myxobolus hylae* Johnston & Bancroft, 1918**

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; genitals; R2 (582)

***Myxobolus plectroplites* Johnston & Bancroft, 1918**

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gall bladder, kidneys; R1, R10 (79, 120, 584, 1030)

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces (incidental finding); R1 (120)

***Myxobolus* sp.**

ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; liver, gut; R13 (669, 1024)

ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; skin; RU (858)

ACT *Chaetodon rainfordi* McCulloch, 1923 [northern butterfly fish]; kidney; R21 (658)

ACT *Crenimugil labiosus* (Cuvier & Valenciennes, 1836) [-]; gall bladder; R21 (658, 802)

ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; kidney; R13 (669)

ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [blackfish]; pyloric caeca; R13 (669)

ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; skin, gall bladder, intestines; R13, R21 (144, 658, 669, 802)

ACT *Platycephalus bassensis* Cuvier & Valenciennes, 1829 [sand flathead]; brain; R14 (1020)

ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; liver; R13 (669)

ACT *Sufflamen chrysopterus* (Bloch & Schneider, 1801) [flagtail triggerfish]; kidney; R21 (658)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; genitals; R2 (209, 212, 561)

***Myxosoma ogilbyi* Johnston & Bancroft, 1918**

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gills; R10 (79, 584, 1030)

***Myxosoma* sp.**

ACT *Gadopsis marmoratus* Richardson, 1848 [river blackfish]; gills; RU (35)

ACT *Hypseleotris compressa* (Kreff, 1864) [empire gudgeon]; muscle; R2 (984)

ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; gills; R4 (35, 1030)

- ACT *Maccullochella peeli* (Mitchell, 1838)
[Murray cod]; gills; R4 (35, 1030)
- ACT *Macquaria ambigua* (Richardson, 1845)
[golden perch]; gills; R4 (35, 1030)
- ORDER: MULTIVALVULIDA [spore with
3 or more valves]
- Family: TRILOSPORIDAE
- Unicapsula seriolae*** Lester, 1982
- ACT *Seriola grandis* Castelnau, 1872 [yellowtail
kingfish]; muscle; R13 (144, 628, 634, 655, 670, 803,
858)
- Unicapsula* sp.**
- ACT *Seriola grandis* Castelnau, 1872 [yellowtail
kingfish]; muscle; R13 (79)
- Family: KUDOIDAE
- Kudoa ciliatae*** Lom *et al.*, 1992
- ACT *Sillago analis* Whitley, 1943 [golden-lined
whiting]; intestine; R13 (443)
- ACT *Sillago ciliata* Cuvier & Valenciennes,
1829 [sand whiting]; intestine; R13 (443, 669)
- ACT *Sillago maculata* Quoy & Gaimard, 1824
[winter whiting]; intestine; R13 (443)
- Kudoa thyrssites*** (Gilchrist, 1924); syn. *Chloromyxum*
thyrssites (Gilchrist, 1924)
- ACT *Coryphaena hippurus* Linnaeus, 1758
[dolphin fish]; muscles; R18 (628, 632, 633, 634, 670,
858)
- ACT *Engraulis australis* (Gunther, 1868)
[southern anchovy]; muscles; R18 (636)
- ACT *Leionura atum* (Euphrasen, 1791)
[barracouta]; muscle; RU, R14, R15 (79, 93, 574, 858,
1027, 1070, 1245)
- ACT *Sardinella lemuru* Bleeker, 1853 [scaly
mackerel]; muscle; R18 (636)
- ACT *Sardinops sagax* (Steindachner, 1879)
[Australian pilchard]; muscles; R18 (632, 636, 858)
- ACT *Spratelloides robustus* Ogilby, 1897 [blue
sprat]; muscle; R18 (636)
- Kudoa* sp.**
- ACT *Lates calcarifer* (Bloch, 1790)
[barramundi]; muscles; R1 (629)
- ACT *Seriola grandis* Castelnau, 1872 [yellowtail
kingfish]; muscle; R21 (79, 658, 1017)
- ACT *Thunnus maccoyii* Castelnau, 1872
[southern bluefin tuna]; muscles, nerves; R18 (629,
858)
- CHO *Hemiscyllium ocellatum* (Bonnaterre,
1788) [epaulette shark]; muscle; R21 (474)
- INCERTAE SEDIS
- Myxosporidium* sp.**
- AMP *Litoria aurea* (Lesson, 1829) [golden bell
frog]; LU; RU (464)
- Unidentified myxozoan**
- ACT *Chaetodon aureofasciatus* Macleay, 1878
[-]; gall bladder; R21 (802)
- ACT *Chaetodon trifasciatus* Park, 1797 [-]; gall
bladder; R21 (802)
- ACT *Choerodon cyanodus* (Richardson, 1843) [-]
; gall bladder; R21 (658, 802)
- ACT *Chromis atripectoralis* Welander &
Schultz, 1951 [-]; gall bladder; R21 (802)
- ACT *Epinephelus fasciatus* (Forsk., 1775)
[black-lipped rock-cod]; gall bladder; R21 (658, 802)
- ACT *Gymnocranius bitorquatus* Cockerell, 1916
[-]; gall bladder; R21 (658, 802)
- ACT *Lutjanus carponotatus* (Richardson, 1842)
[yellow stripey]; gall bladder; R21 (658, 802)
- ACT *Monacanthus chinensis* Osbeck, 1765 [fan-
bellied leatherjacket]; urinary bladder; R13 (669)
- ACT *Mugil cephalus* Linnaeus, 1758 [sea
mullet]; gall bladder; R21 (802)
- ACT *Pempheris compressus* Shaw, 1790
[smallscale bullseye]; liver; R13 (669)
- ACT *Plectropomus leopardus* (Lacepede, 1802)
[leopard coral trout]; gall bladder; R21 (802)
- ACT *Pomacentrus wardi* Whitley, 1927 [-]; gall
bladder; R21 (658, 802)
- ACT *Siganus punctatus* (Bloch & Schnieder,
1801) [gold-spotted spinefoot]; gall bladder; R21
(658, 802)
- ACT *Sparus* sp.; internal organs; R13 (23, 79)
- ACT *Tetractenos glaber* (Fremerville, 1813)
[smooth toadfish]; gall bladder; R13 (669)
- ACT *Trachinotus blochi* (Lacepede, 1802)
[snub-nosed dart]; gall bladder; R21 (658, 802)
- ACT Unidentified mullet species; internal
organs; R13 (23, 79)
- Class: ACTINOSPOREA [actinosporidia, spores
with 3 polar capsules and 3 valves]
- Order: ACTINOMYXIDA [in aquatic worms]
- Family: SPHAEROACTINOMYXIDAE
- Sphaeractinomyxon ersei*** Hallett *et al.*, 1998
- ANN *Doliiodrilus divarticulatus* Erseus, 1985
[oligochaete]; coelum, intestines; R13 (444)
- Phylum: HAPLOSPORIDIA [unicellular spores
without polar filaments]
- Class: HAPLOSPOREA [haplosporosomes]
- Order: HAPLOSPORIDA [haplosporidia]
- Family: HAPLOSPORIIDAE
- Haplosporidium comatulae*** Haye *et al.*, 1984
- ECH *Oligometra serripinna* (Carpentier, 1881)
[crinoid]; haemal space; R21 (620)
- Urosporidium cannoni*** Anderson *et al.*, 1993
- PLA *Stylochus* sp.; various tissues; R13 (13)
- Unidentified haplosporidian**
- MOL *Saccostrea glomerata* (Gould, 1880)
[Sydney rock oyster, Moreton Bay rock oyster];
digestive gland; R13 (1251)

Phylum: PARAMYXEA [spores within spores]
 Class: MARTEILIIDEA [spore bicellular]
 Order: MARTEILIDA [meiosis not detected]
 Family: MARTEILIIDAE

Marteilia sydneyi Perkins & Wolf, 1976

MOL *Saccostrea glomerata* (Gould, 1880)
 [Sydney rock oyster, Moreton Bay rock oyster];
 hepatopancreas; R13 (3, 10, 12, 14, 15, 126, 627, 660,
 868, 950, 1023, 1253)

MOL *Striostrea mytiloides* (Lamarck, 1819)
 [tropical oyster, blacklip oyster]; LU; R13 (10, 1253)

Marteilioides branchialis Anderson & Lester, 1992

MOL *Saccostrea glomerata* (Gould, 1880)
 [Sydney rock oyster, Moreton Bay rock oyster]; gills;
 R13 (12, 14)

Phylum: CILIOPHORA [ciliates, nuclear dualism]
 Subphylum: POSTCILIODESMATOPHORA
 Class: SPIROTRICHEA [spirotrichs]
 Subclass: HETEROTRICHA [heterotrichs]
 Order: CLEVELANDELLIDA [symbiotes]
 Family: NYCTOTHERIDAE

Nyctotherus cordiformis Ehrenberg, 1833

AMP *Limnodynastes dorsalis* (Gray, 1841)
 [western banjo frog]; intestines; R2 (979)

AMP *Limnodynastes tasmaniensis* Gunther, 1858
 [spotted grass frog]; intestines; RU (978)

AMP *Litoria aurea* (Lesson, 1829) [golden bell
 frog]; intestines; RU (978)

AMP *Litoria ewingii* (Dumeril & Bibron, 1841)
 [brown tree frog]; intestines; RU (978)

Nyctotherus termitis Dobell, 1910

ART *Mastotermes darwiniensis* Froggatt, 1896
 [termite]; gut; RU (1113)

Nyctotherus trachysauri Johnston, 1932

REP *Trachydosaurus rugosus* Gray, 1825
 [sleepy lizard]; rectum; R5 (586)

***Nyctotherus* sp.**

AMP *Limnodynastes dorsalis* (Gray, 1841)
 [western banjo frog]; gut; R2 (209)

AMP *Limnodynastes peronii* (Dumeril & Bibron,
 1841) [striped marsh frog]; gut; R2 (209)

AMP *Limnodynastes tasmaniensis* Gunther, 1858
 [spotted grass frog]; intestines; RU (979)

AMP *Litoria aurea* (Lesson, 1829) [golden bell
 frog]; intestines; R2 (209, 212)

AMP *Litoria caerulea* (White, 1790) [green tree
 frog]; colon; R1, R2 (209, 212, 581, 900)

AMP *Litoria dorsalis* Macleay, 1877 [dwarf
 rocket frog]; intestines; R2 (212)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's
 tree frog]; intestines; R2 (212)

AMP *Litoria rubella* (Gray, 1842) [desert tree
 frog]; faeces; R1, R9 (899, 900)

ART *Periplaneta australasiae* Fabricius, 1775

[house cockroach]; LU, R1 (581)

***Nyctotheroides* sp.**

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad];
 intestines; R1 (277, 384, 1087)

Paracichlidotherus leeuwenhoekii Grim, 1992

ACT *Zebrasoma scopas* Cuvier, 1829 [brushtail
 tang]; intestines; R21 (127, 427)

Subphylum: RHABDOPHORA [somatic monokinetids]

Class: LITOSTOMATEA

Subclass: HAPTORIA [free-living carnivores]

Order: PLEUROSTOMATIDA

Family: AMPHILEPTIDAE

Pseudoamphileptus macrostoma (Chen, 1955) Foissner,
 1985

ACT *Cyprinus carpio* [European carp]; feeding
 on epizoic peritrichs; RU (670)

Subclass: TRICHOSTOMATIA [endosymbionts]

Order: VESTIBULIFERA [with vestibulum]

Family: BALANTIDIIDAE

Balantidium coli (Malmstein, 1857) Stein, 1863

MAM *Homo sapiens* Linnaeus, 1758 [human],
 colon, urogenital tract; RU, R6 (692, 873, 1102, 1215)

MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut; RU,
 R1, R2, R3 (167, 653, 692, 1059, 1060, 1102)

Balantidium jocularum Grim, 1993

ACT *Naso tuberculosis* Lacepede, 1802
 [surgeonfish]; intestines; R21 (428)

Balantidium zebrascopi Grim, 1992

ACT *Zebrasoma scopas* Cuvier, 1829 [brushtail
 tang]; intestines; R21 (427)

***Balantidium* sp.**

ACT *Siganus fuscescens* (Houttuyn, 1797)
 [dusky rabbitfish]; gut; R13 (899)

AMP *Litoria caerulea* (White, 1790) [green tree
 frog]; colon; R1 (581, 899)

MAM *Equus caballus* Linnaeus, 1758 [horse];
 faeces; R2 (724)

Family: ISOTRICHIIDAE

***Dasytricha* sp.**

MAM *Macropus agilis* (Gould, 1842) [agile
 wallaby]; stomach; RU (906)

MAM *Macropus dorsalis* (Gray, 1837) [black-
 striped wallaby]; stomach; RU (906)

MAM *Macropus eugenii* (Desmarest, 1817)
 [tamar wallaby]; stomach; RU (273, 906)

MAM *Macropus fuliginosus* (Desmarest, 1817)
 [western grey kangaroo]; stomach; RU (906)

MAM *Macropus giganteus* Shaw, 1790 [eastern
 grey kangaroo]; stomach; RU, R1 (273, 899, 906)

- MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; stomach; RU (906)
 MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; stomach; RU (906)
 MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; RU, R1 (273, 899)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach; RU (273)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; stomach; RU (906)
 MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; stomach; RU (906)
 MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; stomach; RU (273, 906)

***Isotricha* sp.**

- MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; stomach; RU (906)
 MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; RU, R1 (899, 906)
 MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; stomach; RU (273, 906)
 MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; stomach; RU (906)
 MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach; RU, R1 (273, 899, 906)
 MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; stomach; RU (906)
 MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; stomach; RU (906)
 MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; RU, R1 (273, 899)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach; RU (273)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; stomach; RU (906)
 MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; stomach; RU (906)
 MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; hindgut; R1 (899)
 MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; stomach; RU (273, 906)

Order: ENTODINIOMORPHIDA [body cilia reduced to girdles, tufts or bands]
 Suborder: ENTODINIOMORPHINA
 Family: MACROPODINIDAE

Macropodinium baldense Dehority, 1966

- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; forestomach; R6 (271)

Macropodinium ennuensis Dehority, 1966

- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; forestomach; R6 (271)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; forestomach; R6 (271)

Macropodinium moiri Dehority, 1966

- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; forestomach; R6 (271)

Macropodinium setonixum Dehority, 1966

- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; forestomach; R6 (271)

Macropodinium yalanbense Dehority, 1966

- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; forestomach; R6 (271)

***Macropodinium* sp.**

- MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; R1 (899)
 MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach; R1 (899)
 MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; R1 (899)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach; R1 (899)

Family: CYCLOPOSTHIIDAE

***Cycloposthium* sp.**

- MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; R1 (899)

Family: OPHRYOSCOLECIDAE

***Entodinium* sp.**

- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; RU (273)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach; RU (273)

Family: TROGLODYTELLIDAE

Trogodytella abrassarti Brumpt & Joyeux, 1912

- MAM *Hylobates syndactylus* Raffles, 1821 [siamang], faeces, zoo (Aust.) (897)

Subphylum: CYRTOPHORA [varied somatic kineties]

Class: PHYLLOPHARYNGEA

Subclass: PHYLLOPHARYNGIA

Order: CYRTOPHORIDA [preoral suture]

Suborder: CHLAMYDODONTINA [flattened]

Family: CHILODONELLIDAE

Chilodonella cyprini (Moroff, 1902) Shulman & Jankovski,

- 1984
 ACT *Anguilla* sp.; gills; R4 (21, 79)
 ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; gills; R2, R4 (32, 79, 627)
 ACT *Carassius carassius* (Linnaeus, 1758) [Crucian carp]; gills; R2, R4 (32, 79)
 ACT *Gadopsis marmoratus* Richardson, 1848 [river blackfish]; skin, gills; R2, R4 (32, 79, 144, 628, 634)
 ACT *Galaxias* sp.; gills; R2, R4 (32, 79)
 ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; gills; R2, R4 (32, 79, 508, 1030)

- ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; gills; R2, R4 (32, 79, 1030)
- ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; gills; R2, R4 (32, 79, 1030)
- ACT *Mogurnda australis* (Krefft, 1862) [striped gudgeon]; gills; R2, R4 (32, 79)
- ACT *Nannoperca australis* Gunther, 1861 [pygmy perch]; gills; R2, R4 (32, 79)
- ACT *Retropinna semoni* (Weber, 1895) [Australian smelt]; gills; R2, R4 (32, 79, 1030)
- ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; gills; R2, R4 (32, 79)
- ACT *Salmo trutta* Linnaeus, 1758 [brown trout]; gills; R2, R4 (21, 79)
- Chilodonella hexasticha** (Kiernik, 1909) Kahl, 1931
- ACT *Amniataba percoides* (Günther, 1864) [black-striped grunter]; gills; R10 (624)
- ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills; R4 (144, 1030)
- ACT *Leiopotherapon unicolor* (Gunther, 1859) [spangled perch]; gills; R10 (624)
- ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; gills; R4 (10, 144, 1030)
- ACT *Maccullochella ikei* Rowland, 1993 [Clarence River cod]; gills; R4 (144, 1029, 1030)
- ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; skin, gills; R4 (1030)
- ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 628, 634, 1030)
- ACT *Melanotaenia nigrans* (Richardson, 1843) [mauve rainbow-fish]; gills; R10 (624)
- ACT *Nematalosa erebi* (Gunther, 1868) [bony bream]; gills; R1, R10 (144, 624)
- ACT *Neosilurus* sp.; gills; R10 (624)
- Chilodonella sp.**
- ACT *Glossolepis incisis* Weber, 1908 [New Guinea rainbow fish]; skin; RU (aquarium) (983)
- ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gills; R1 (400, 919)
- ACT *Salmo* sp.; LU; RU (839)
- Subclass: SUCTORIA [suctorians, adult trophont unciliated with tentacles]
- Order: ENDOGENIDA [cytokinesis endogenous]
- Family: ACINETIDAE
- Acineta fluviatilis** Stokes, 1885
- ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)
- ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
- Acineta tuberosa** Ehrenberg, 1833
- ART *Cherax* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)
- ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
- Acineta sp.**
- ART *Macrobrachium* sp.; exoskeleton; RU (945)
- ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; gills; R1 (501)
- ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; gills; R13 (1067)
- ART *Scylla serrata* (Forsskål, 1755) [mud crab]; gills; R13 (504)
- Family: TOKOPHRYIDAE
- Tokophrya cyclopum** (Claprede & Lachmann, 1859) Butschli, 1889
- ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)
- Tokophrya sp.**
- ART *Macrobrachium* sp.; exoskeleton; RU (945)
- Order: EXOGENIDA [cytokinesis exogenous]
- Family: EPHELOTIDAE
- Ephelota sp.**
- ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; gills; R1 (501)
- Family: PODOPHRYIDAE
- Podophrya sp.**
- ART *Macrobrachium* sp.; exoskeleton; RU (945)
- Class: OLIGOHYMENOPHOREA
- Subclass: HYMENOSTOMATIA [left polykinetids]
- Order: HYMENOSTOMATIDA [preoral suture]
- Suborder: TETRAHYMENINA [no organelle of Lieberkuhn]
- Family: TETRAHYMENIDAE
- Tetrahymena pyriformis** (Ehrenberg, 1830) Lwoff, 1947
- ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; systemic infection; R1 (323)
- Tetrahymena sp.**
- ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills; R4 (144, 1030)
- ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; skin, gills; R4 (144, 1030)
- ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 1030)
- ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; fin, tail; RU (858)
- Suborder: OPHRYOGLENINA
- Family: ICHTHYOPHTHIRIIDAE
- Cryptocaryon irritans** Brown, 1951
- ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; surface; R13, R21 (289, 290, 291, 292, 293, 294)

- ACT *Epinephelus quoyanus* (Cuvier & Valenciennes, 1830) [wire netting cod]; surface; R21 (290, 293)
- ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; surface; R13 (290)
- ACT *Gymnocranius audleyi* Ogilby, 1916 [iodine bream]; surface; R21 (289, 290, 292, 293, 294)
- ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; skin, fins; R1, R21 (144, 291, 292, 293, 294, 400, 919)
- ACT *Lethrinus miniatus* (Forster in Bloch & Schneider, 1801) [sweetlip emperor, redthroat emperor]; surface; R21 (290)
- ACT *Lutjanus carponotatus* (Richardson, 1842) [yellow stripey]; surface; R21 (290)
- ACT *Lutjanus russelli* (Bleeker, 1849) [Moses perch]; surface; R13 (290)
- ACT *Macquaria novemaculeata* (Steindachner, 1866) [Australian bass]; external surfaces (exptl. infection); R21 (291, 292)
- ACT *Plectropomus leopardus* (Lacepede, 1802) [leopard coral trout]; surface; R21 (290)
- ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; surface; R13 (290)
- ACT *Scatophagus argus* (Linnaeus, 1766) [spotted scat]; skin; RU (983)
- ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; surface; R13 (290)
- ACT *Sillago maculata* Quoy & Gaimard, 1824 [winter whiting]; surface; R13 (290)
- ACT *Torquigener hamiltoni* (Richardson, 1843) [Richardson's toadfish]; surface; R13 (290)
- ACT *Torquigener pleurogramma* (Regan, 1903) [weeping toadfish]; surface; R13 (290)
- Ichthyophthirius multifiliis*** Fouquet, 1876
- ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; body surface; R4 (79, 140)
- ACT *Anguilla* sp.; body surface, fins; R3 (21, 79)
- ACT *Barbus* sp.; skin; RU (983)
- ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills; R4 (144, 1030, 1061)
- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; body surface; RU (79, 139, 140, 289, 627, 1026)
- ACT *Gadopsis marmoratus* Richardson, 1848 [river blackfish]; body surface; R2, R4 (79, 138, 140)
- ACT *Galaxias brevipinnis* Gunther, 1866 [climbing galaxias]; body surface; R4 (79, 140)
- ACT *Galaxias maculatus* (Jenyns, 1842) [common galaxias]; body surface; R4 (79, 140)
- ACT *Gobiomorphus gobioides* (Cuvier & Valenciennes, 1837) [bullie]; body surface; R4 (79, 140)
- ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; skin, fins; R1 (144, 400)
- ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; skin, gills; R4 (144, 627, 1030, 1061)
- ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; skin, gills; R4 (1030)
- ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 627, 1030, 1061)
- ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; skin, gills; R4 (1030)
- ACT *Retropinna semoni* (Weber, 1895) [Australian smelt]; skin, gills; R4 (1030)
- ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; body surface, fins; RU, R2, R3, R4 (21, 79, 138, 139, 140, 681, 822)
- ACT *Salmo trutta* Linnaeus, 1758 [brown trout]; body surface; R2, R3, R4 (21, 79, 138, 139, 140)
- ACT *Tandanus tandanus* Mitchell, 1838 [freshwater catfish]; body surface; R4 (1061)
- ACT *Tetraodon* sp.; skin; RU (983)
- Order: SCUTICOCILIATIDA [scuticociliates]
 Suborder: PHILASTERINA [paroral membrane]
 Family: PARANOPHRYIDAE
***Paranophrys* sp.**
 ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; haemolymph; R13 (1067)
- Family: URONEMATIDAE
Uronema nigricans (Mueller, 1786) Florentin, 1901
 ACT *Thunnus maccoyii* Castelnau, 1872 [southern bluefin tuna]; brain; R16 (859)
- Uronema* sp.**
 ACT *Hippocampus abdominalis* Lesson, 1827 [big-belly seahorse]; LU; RU (1223)
 ACT *Latris lineata* (Bloch & Schneider, 1801) [Tasmanian trumpeter]; muscles; RU (637)
 ACT *Parablennius tasmanianus* (Richardson, 1849) [Tasmanian blenny]; LU; RU (1223)
 ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; skin, muscle; R14 (391)
 ACT *Thunnus maccoyii* Castelnau, 1872 [southern bluefin tuna]; LU; RU (858, 1223)
- Subclass: PERITRICHIA [peritrichs, lack somatic kineties, oral cilia extend from infundibulum]
 Order: SESSILIDA [mature trophont sessile]
 Family: SCYPHIDIIDAE
- Apiosoma campanulata*** (Timofeev, 1962) Lom, 1966
 ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; skin; R4 (669)
- Apiosoma* sp.**
 ACT *Hypseleotris klunzingeri* (Ogilby, 1898) [western carp gudgeon]; skin; R4 (1030)

Family: EPISTYLIDIDAE

Epistylis variabilis Stiller, 1942

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gill, pleopods; R5 (893)

Epistylis sp.

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (175, 893)

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; exoskeleton; R1 (10, 11, 175, 472, 794, 920)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gill, exoskeleton; R1, R5 (10, 175, 472, 794, 893, 920, 1210)

ART *Leptodius sanguineus* (Edwards, 1834) [xanthid crab]; gills; R21 (658)

ART *Macrobrachium* sp.; exoskeleton; RU (945)

ART *Penaeus monodon* Fabricus, 1798 [giant tiger prawn]; gills; R1 (921)

ART *Penaeus* sp.; exoskeleton; R1 (659)

ART *Scylla serrata* (Forsskål, 1755) [mud crab]; gills; R13 (504)

Rhabdostyla sp.

ART *Penaeus monodon* Fabricus, 1798 [giant tiger prawn]; gills; R1 (921)

Family: LAGENOPHRYIDAE

Lagenophrys bispinosa Kane, 1965

ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; pleopods; R2 (607)

Lagenophrys darwini Kane, 1965

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; gills; R8 (175, 607, 794, 920, 945)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gill, pleopods; R5 (893)

Lagenophrys deserti Kane, 1965

ART *Cherax quinquecarinatus* (Gray, 1845) [gilgy]; gills; R6 (607)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills; R6 (175, 607, 794)

Lagenophrys dungogi Kane, 1965

ART *Euastacus* sp.; gills; R2 (607, 794)

Lagenophrys engaei Kane, 1965

ART *Engaeus hemircirratulus* Smith & Schuster, 1913 [crayfish]; gill filaments; R2, R3 (607, 794)

ART *Engaeus victoriensis* Smith & Schuster, 1913 [crayfish]; gills; R2, R3 (607, 794)

Lagenophrys ocellulosa Kane, 1965

ART *Cherax albidus* Clark, 136 [white yabby]; gills; R2 (607)

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills; R2 (175, 607, 772, 920, 945)

ART *Cherax rotundus* Clark, 1941 [rotund

crayfish]; gills; R2 (607)

Lagenophrys petila Clamp, 1994

ART *Parastacoides tasmanicus* (Erichson, 1846) [crayfish]; gills, pleopods; R3 (196)

Lagenophrys rugosa Kane, 1965

ART *Geocharax falcata* Clarke, 1941 [crayfish]; gills; R2 (607, 794)

Lagenophrys spinosa Kane, 1965

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, cuticle; R2, R5 (175, 607, 772, 794, 893, 920, 945)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, cuticle; R5 (893)

Lagenophrys willisi Kane, 1965

ART *Cherax albidus* Clark, 136 [white yabby]; gills; R2 (607, 794)

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R2, R5 (175, 607, 772, 794, 893, 920, 945)

ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; gills; R2 (607, 794)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

Lagenophrys sp.

ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; gills; R1 (501)

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; gills; R1 (10, 175, 472, 794)

ART Unidentified freshwater crayfish species; gills; RU (465)

Setonophrys communis (Kane, 1965) Clamp, 1991; syn.

Lagenophrys communis Kane, 1965; syn.

Lagenophrys latispinosa Kane, 1965; syn.

Lagenophrys lawrii Kane, 1965

ART *Cherax albidus* Clark, 136 [white yabby]; gills, cuticle; R2 (195, 607, 794)

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, cuticle; R2, R4, R5 (175, 195, 607, 773, 794, 893)

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; gills; R8, R9 (175, 195, 607, 794, 920, 945)

ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; gills; R2, R4 (195, 607)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, cuticle; R5 (195, 893)

ART *Engaeus quadrimanus* Clark, 1936 [crayfish]; gills; R2 (195)

ART *Engaeus* sp.; exoskeleton; R2, R3 (195, 607, 794)

ART *Euastacus armatus* (Von Martens, 1966) [Murray crayfish]; gills; R4 (195, 607, 794)

ART *Euastacus nobilis* (Dana, 1852) [noble crayfish]; exoskeleton; R2 (195, 607, 794)

ART *Synamphisopus ambiguus* (Sheard, 1936)

- [isopod]; exoskeleton; R4 (195, 607)
Setonophrys lingulata (Kane, 1965) Clamp, 1991; syn.
Lagenophrys lingulata Kane, 1965
 ART *Cherax albidus* Clark, 136 [white yabby]; gills; R4 (195)
 ART *Cherax depressus* Riek, 1951 [orange fingered yabby]; gills; R1 (195)
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R2, R4, R5 (175, 195, 607, 794, 893)
 ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; gills; R2 (195, 607, 794)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (195, 893)
Setonophrys seticola (Kane, 1965) Clamp, 1991; syn.
Lagenophrys seticola Kane, 1965
 ART *Cherax albidus* Clark, 136 [white yabby]; cuticle; R2 (195, 607, 794)
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; cuticle; R2 (175, 195, 607, 772, 794, 945)
 ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; cuticle; R2 (195, 607, 794)
 ART *Engaeus fultoni* Smith & Schuster, 1913 [crayfish]; cuticle; R2 (195, 607)
 ART *Engaeus* sp.; cuticle; R2 (195, 607, 794)
 ART *Euastacus nobilis* (Dana, 1852) [noble crayfish]; cuticle; R2 (195, 607, 794)
 ART *Geocharax falcata* Clarke, 1941 [crayfish]; pleopods; R2 (195)
Setonophrys tricorniculata Clamp, 1991
 ART *Geocharax falcata* Clarke, 1941 [crayfish]; pleopods; R2 (195)
 Family: OPERCULARIDAE
Operculigera obstipa Clamp, 1991
 ART *Metaphreatoicus australis* (Chilton, 1891) [-]; pleopods; R4 (195)
Operculariella sp.
 ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; gills; R13 (1067)
Pyxidium sp. (= *Ampullaster*)
 ART Unidentified freshwater crayfish species; gills; RU (465)
 Family: VAGINICOLIDAE
Vaginicola ampulla Stokes, 1886
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
Vaginicola sp.
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
Pyxicola bicalceata Kane, 1964
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills; RU (175, 920, 945)
Pyxicola carteri Kent, 1882
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; pleopods; R5 (893)
Pyxicola jacobi Kane, 1964
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills; RU (175, 773, 920, 945)
Pyxicola pusilla Wrzesniowski, 1870
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; pleopods; R5 (893)
Cothurnia sp.
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gill, pleopods; R5 (175, 893)
 ART *Macrobrachium* sp.; exoskeleton; RU (945)
 ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; gills; R1 (501)
 ART *Penaeus* sp.; exoskeleton; R1 (659)
 Family: VORTICELLIDAE
Vorticella calciformis Kahl, 1933
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
Vorticella convallaria Linnaeus, 1758
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
Vorticella flexuosa Nenninger, 1948
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)
Vorticella jaerae Precht, 1935
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

Vorticella sp.

- ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)
 ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; exoskeleton; R1 (10, 175, 472, 794, 920)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, exoskeleton; R1, R5 (10, 472, 794, 893, 920, 945)
 ART *Penaeus monodon* Fabricus, 1798 [giant tiger prawn]; gills; R1 (921)
 ART *Penaeus* sp.; exoskeleton; R1 (659)

Family: Zoothamnidae

Zoothamnium sp.

- ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; exoskeleton; R1 (10, 11, 175, 472, 794, 920, 945)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; exoskeleton; R1 (10, 175, 472, 794, 920, 945)
 ART *Macrobrachium* sp.; exoskeleton; RU (945)
 ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; gills; R1 (501)
 ART *Penaeus* sp.; exoskeleton; R1 (659)
 ART Unidentified pilumnid species; gills; R21 (658)

Order: MOBILINA [mature trophont mobile]

Family: TRICHODINIDAE

Trichodina australis Su & White, 1995

- ACT *Atherinosoma microstoma* (Günther, 1861) [small mouth hardyhead]; gills; R15 (1111)
 ACT *Kestratherina brevis* (Pavlov *et al.*, 1988) [short snout hardyhead]; gills; R15 (1111)
 ACT *Kestratherina esox* (Klunzinger, 1872) [pike head hardyhead]; gills; R15 (1111)
 ACT *Kestratherina hepsetoides* (Richardson, 1843) [small scale hardyhead]; gills; R15 (1111)
 ACT *Leptatherina presbyteroides* (Richardson, 1843) [silver fish]; gills; R15 (1111)

Trichodina jadratica Raabe, 1958

- ACT *Nesogobius* sp. [-]; gills; R15 (1111)

Trichodina nesogobii Su & White, 1995

- ACT *Nesogobius* sp. [-]; gills; R15 (1111)

Trichodina sp.

- ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; LU; R21 (658)
 ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills; R4 (144, 1030)
 ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; gills; R4 (627, 669)
 ACT *Choerodon venustus* (De Vis, 1884) [Venus tuskfish]; gills; R13 (899)
 ACT *Cnidoglanis macrocephalus* Valenciennes, 1840 [estuarine catfish]; gills; RU (aquarium) (983)

- ACT *Coryphaena hippurus* Linnaeus, 1758 [dolphin fish]; gills; R18 (633)
 ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; gills; R4 (669)
 ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; gills; R13 (669)
 ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [blackfish]; gills; R13 (669)
 ACT *Hypseleotris klunzingeri* (Ogilby, 1898) [western carp gudgeon]; skin, gills; R4 (1030)
 ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gills; R1 (400, 919)
 ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; skin, gills; R4 (144, 1030)
 ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; skin, gills; R4 (1030)
 ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 1030)
 ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; skin, gills; R4 (1030)
 ACT *Oxyeleotris lineolatus* (Steindachner, 1867) [sleepy cod]; LU; RU (aquarium) (144)
 ACT *Paraglyphidodon melas* (Cuvier & Valenciennes, 1830) [-]; LU; R21 (658)
 ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; gills; R13 (669)
 ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; gills; R3 (857)
 ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills; R3 (857)
 ACT *Siganus fuscescens* (Houttuyn, 1797) [dusky rabbitfish]; gills; R13 (899)
 ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; gills; R13 (899)
 ACT *Tetractenos glaber* (Fremerville, 1813) [smooth toadfish]; gills; R13 (669)
 AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; skin (tadpoles), intestines; R1 (277, 1087)

Trichodinella sp.

- ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [blackfish]; gills; R13 (669)
 ACT *Hypseleotris klunzingeri* (Ogilby, 1898) [western carp gudgeon]; skin; R4 (1030)
 ACT *Myxus elongatus* Gunther, 1861 [sand mullet]; gills; R13 (669)
 ACT *Salmo* sp.; LU; RU (839)

Subclass: APOSTOMATIA {small oral rosette}

Order: APOSTOMATIDA [apostomes]

Unidentified apostome

- ART *Penaeus plebejus* Hess, 1865 [eastern king prawn]; gills; RU (919)
 ART *Saron marmoratus* (Nobili, 1904) [shrimp]; gills; R21 (658)

Family: FOETTINGERIIDAE

Synophrya hypertrophica Chatton & Lwoff, 1926

ART *Metapenaeus macleayi* (Haswell, 1879)
[eastern school prawn]; gills; R1 (659)

ART *Penaeus plebejus* Hess, 1865 [eastern king
prawn]; gills; R1 (10, 659)

UNIDENTIFIED CILIATES

ART *Alpheus* sp.; gills; R21 (658)

MAM *Macropus rufus* (Desmarest, 1822) [red
kangaroo]; forestomach; R5 (449)

MAM *Setonix brachyurus* (Quoy & Gaimard,
1830) [quokka]; forestomach; R6 (783, 1271)

MOL *Tridacna gigas* (Linnaeus, 1758) [giant
clam]; gills, mantle, muscle; R21 (5, 10, 509)

MOL *Tridacna hippopus* (Linnaeus, 1758) [bear
paw clam]; mantle, muscle; R21 (5)

INCERTAE SEDIS

Blastocystis hominis Brumpt, 1912

MAM *Homo sapiens* Linnaeus, 1758 [human],
faeces; R1, R2 (80, 117, 118, 119, 185, 319, 470, 552,
742, 1095, 1096, 1097, 1098, 1186, 1217)

***Blastocystis* sp.**

AVE *Anas platyrhynchos* Linnaeus, 1758
[mallard]; faeces; R1 (1101, 1100)

AVE *Anser anser domesticus* Linnaeus 1758
[domestic goose]; faeces; R1 (1100)

AVE *Gallus gallus* Linnaeus, 1758 [domestic
chicken]; faeces; R1 (119, 185, 1100)

AVE *Struthio camelus* Linnaeus, 1758 [ostrich];
faeces; R1 (119, 1100)

MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces,
circus animal; R1 (119, 1099)

MAM *Camelus dromedarius* Linnaeus, 1758
[camel]; faeces, circus animal; R1 (119, 1099)

MAM *Felis catus* Linnaeus, 1758 [cat]; faeces;
R1 (119)

MAM *Lama pacos* Linnaeus, 1758 [alpaca];
faeces; R1 (119)

MAM *Lama glama* Linnaeus, 1758 [llama];
faeces, circus animal; R1 (119, 1099)

MAM *Panthera leo* Linnaeus, 1758 [lion]; faeces,
circus animal; R1 (119, 1099)

MAM *Phascolarctos cinereus* (Goldfuss, 1817)
[koala]; faeces; R1 (119)

MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1
(185)

Bonamia ostreae Pichot *et al.*, 1979

MOL *Ostrea* Linnaeus, 1758 [common European
oyster]; haemocytes; RU (347)

MOL *Ostrea lurida* Carpenter, 1864 [native
Pacific oyster]; haemocytes; RU (347)

***Dermocystidium* sp.**

ACT *Coryphaena hippurus* Linnaeus, 1758
[dolphin fish]; muscle, liver, pancreas; R18 (633)

Mikrocytos roughleyi Farley *et al.*, 1988

MOL *Saccostrea glomerata* (Gould, 1880)
[Sydney rock oyster, Moreton Bay rock oyster];
haemocytes; R13 (2, 10, 347, 660)

Pneumocystis carinii Delanoe, 1912

MAM *Homo sapiens* Linnaeus, 1758 [human],
lung; RU, R1 (692, 992, 1102, 1179)

MAM *Macropus rufus* (Desmarest, 1822) [red
kangaroo]; lungs; RU (826, 851)

UNIDENTIFIED PROTOZOAN

AVE *Anas platyrhynchos* Linnaeus, 1758
[mallard]; lungs; R2 (989)

MOL *Pinctada maxima* (Jameson, 1901) [pearl
oyster]; digestive gland; R20 (1254)

MOL *Tridacna gigas* (Linnaeus, 1758) [giant
clam]; LU; R21 (10)

REP *Crocodylus porosus* Schneider, 1801 [salt
water crocodile]; intestines (giant cell enteritis); R1
(619)

ACKNOWLEDGEMENTS

This catalogue was compiled over the last decade at the urgings of many colleagues to whom we are indebted for providing moral support as well as physical resources in the form of reprints, photocopies, books, conference proceedings and anecdotal material. In particular, we wish to thank Ian Beveridge for his advice and assistance and Barry Richardson for his guidance and support. The preparation of the catalogue was supported in part by the Australian Biological Resources Study, the Australian Wildlife Conservation Fund and the Australian Research Council. We are extremely grateful to the dedicated librarians at the Institute of Medical and Veterinary Science in Adelaide and the Biological Sciences Library at The University of Queensland for their relentless pursuit of obscure articles; red herrings and all. Thank you also to the many students and colleagues who aided in the collection, deciphering, cataloguing and checking of information.

LITERATURE CITED

ADLARD, R.D. & O'DONOGHUE, P.J. 1998.

Perspectives on the biodiversity of parasitic protozoa in Australia. *International Journal for Parasitology* 28: 887-897.

ANONYMOUS 1976. Review of Australia's water resources. Australian Water Resources Council,

- Department of Natural Resources (Australian Government Publishing Service: Canberra).
- BEUMER, J.D., ASHBURNER, L.D., BURBURY, M.E., JETTE, E. & LATHAM, D.J. 1982. A checklist of the parasites of fishes from Australia and its adjacent Antarctic territories. Commonwealth Agricultural Bureau Technical Communication No. 48 (Thanet Press: Margate).
- COGGER, H.G. 1996. Reptiles and amphibians of Australia. (Reed: Port Melbourne)
- INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE. 1999. International Code of Zoological Nomenclature 4th Edition (International Trust for Zoological Nomenclature: London).
- LEE, J.J., HUTNER, S.H. & BOVEE, E.C. 1985. An Illustrated Guide to the Protozoa. Society of Protozoologists (Allen Press: Lawrence).
- LEVINE, N.D., CORLISS, J.O., COX, F.E.G., DEROUX, G., GRAIN, J., HONIGBERG, B.M., LEEDALE, G.F., LOEBLICH, A.R., LOM, J., LYNN, D., MERINFELD, E.G., PAGE, F.C., POLJANSKY, G., SPRAGUE, V., VAVRA, J. & WALLACE, F.G. 1980. A newly revised classification of the protozoa. *Journal of Protozoology* 27:37-58.
- MACKERRAS, M.J. 1958. Catalogue of Australian mammals and their recorded internal parasites. *Proceedings of the Linnean Society of New South Wales* 83:101-160.
- MARGULIS, L., CORLISS, J.O., MELKONIAN, M. & CHAPMAN, D.J. 1990. *Handbook of Protozoa*. (Jones & Bartlett: Boston).
- NELSON, J.S. 1994. *Fishes of the World*. 3rd edition (John Wiley & Sons: New York).
- SIBLEY, C. & MONROE, B. Jr. 1990. *Distribution and Taxonomy of Birds of the World*. (Yale University Press: New Haven).
- SIBLEY, C. & MONROE, B. Jr. 1993. *A Supplement to Distribution and Taxonomy of Birds of the World*. (Yale University Press: New Haven).
- STRAHAN, R. 1983. *Complete Book of Australian Mammals*. The Australian Museum (Angus & Robertson: Sydney).

APPENDIX

BIBLIOGRAPHY: List of source publications from which host/parasite records given in this catalogue were abstracted. Numerical prefixes refer to numbers given in parentheses within each checklist entry.

1. ADAMS, M., ANDREWS, R.H., ROBINSON, B., CHRISTY, P., BAVERSTOCK, P.R., DOBSON, P.J. & BLACKLER, S.J. 1989. A genetic approach to species criteria in the amoeba genus *Naegleria* using allozyme electrophoresis. *Int. J. Parasitol.* 19:823-834.
2. ADLARD, R.D. & LESTER, R.J.G. 1995. Development of a diagnostic test for *Mikrocytos roughleyi*, the aetiological agent of Australian winter mortality of the commercial rock oyster, *Saccostrea commercialis* (Iredale & Roughley). *J. Fish Dis.* 18:609-614.
3. ADLARD, R.D. & ERNST, I. 1995. Extended range of the oyster pathogen *Marteilia sydneyi*. *Bull. Eur. Ass. Fish Pathol.* 15:119-121.
4. AKHLAGHI, M., MUNDAY, B.L., ROUGH, K. & WHITTINGTON, R.J. 1996. Immunological aspects of amoebic gill disease in salmonids. *Dis. Aquatic Org.* 25:23-31.
5. ALDER, J. & BRALEY, R. 1989. Serious mortality in populations of giant clams on reefs surrounding Lizard Island, Great Barrier Reef. *Aust. J. Mar. Freshwater Res.* 40:205-213.
6. ALEXANDER, G.I. 1953. An outbreak of bovine trichomoniasis in Queensland and its control. *Aust. Vet. J.* 29:61-66.
7. ANDERS, R.F., ROBERTS-THOMSON, I.C. & MITCHELL, G.F. 1982. Giardiasis in mice: analysis of humoral and cellular immune responses to *Giardia muris*. *Parasite Immunol.* 4:47-57.
8. ANDERSON, K. & JAMIESON, A. 1972. Agglutination test for the investigation of the genus *Naegleria*. *Pathol.* 4:273-278.
9. ANDERSON, K. & JAMIESON, A. 1972. Primary amoebic meningoencephalitis. *Lancet* 22:902-903.
10. ANDERSON, I.G. 1990. Diseases in Australian invertebrate aquaculture. Pp 38-48 in *Fifth International Colloquium on Invertebrate Pathology and Microbial Control*. (Soc. Invert. Pathol.: Adelaide).
11. ANDERSON, I. 1990. Diseases - what type and how to prevent them. *Aust. Fisheries* 49:32-34.
12. ANDERSON, T.J. & LESTER, R.J.G. 1992. Sporulation of *Marteilioides branchialis* n. sp. (Paramyxea) in the Sydney rock oyster, *Saccostrea commercialis*: an electron microscope study. *J. Protozool.* 39:502-508.
13. ANDERSON, T.J., NEWMAN, L.J. & LESTER, R.J.G. 1993. Light and electron microscope study of *Urosporidium cannoni* n. sp., a haplosporidian parasite of the polyclad turbellarian *Stylochus* sp. *J. Euk. Microbiol.* 40:162-168.
14. ANDERSON, T.J., MCCAUL, T.F., BOULO, V.,

- ROBLEDO, J.A.F. & LESTER, R.J.G. 1994. Light and electron immunohistochemical assays on paramyxean parasites. *Aquat. Living Res.* 7:47-52.
15. ANDERSON, T.J., ADLARD, R.D. & LESTER, R.J.G. 1995. Molecular diagnosis of *Marteilia sydneyi* (Paramyxea) in Sydney rock oysters, *Saccostrea commercialis* (Angas). *J. Fish Dis.* 18:507-510.
 16. ANDREWS, R.H., ADAMS, M., BOREHAM, P.F.L., MAYRHOFER, G. & MELONI, B.P. 1989. *Giardia intestinalis*: electrophoretic evidence for a species complex. *Int. J. Parasitol.* 19:183-190.
 17. ANDREWS, R., O'DONOGHUE, P., ADAMS, M. & PROWSE, S. 1990. Enzyme markers for the genetic characterization of avian *Eimeria* spp. *Parasitol. Res.* 76:627-629.
 18. ANDREWS, R.H., MAYRHOFER, G., CHILTON, N.B., BOREHAM, P.F.L. & GRIMMOND, T.R. 1992. Changes in allozyme pattern of the protozoan parasite *Giardia intestinalis*. *Int. J. Parasitol.* 22:403-406.
 19. ANDREWS, R.H., CHILTON, N.B. & MAYRHOFER, G. 1992. Selection of specific genotypes of *Giardia intestinalis* by growth *in vitro* and *in vivo*. *Parasitol.* 105:375-386.
 20. ANDREWS, R.H., MONIS, P.L. & MAYRHOFER, G. 1998. Comparison of the levels in intra-specific genetic variation within *Giardia muris* and *Giardia intestinalis*. *Int. J. Parasitol.* 28:1179-1185.
 21. ANONYMOUS 1933. Mortality in trout at Plenty Hatcheries. Salmon and Freshwater Fish Commission Report, Hobart, Tasmania 11:3-4, 13-14.
 22. ANONYMOUS 1946. Researches on "Paludrine" (M.4888) in Australia. *Med. J. Aust.* 1:234-236.
 23. ANONYMOUS 1974. Bundaberg fish disease causes concern. *Aust. Fish.* 33:36.
 24. ARCHER, J.F. & WALKER, K.H. 1979. Sarcosporidiosis - research sheds new light on an old problem in the sheep industry. *N.S.W. Agric. Gaz.* June:11-13.
 25. ARUNDEL, J.H. 1957. The control of caecal coccidiosis. *Aust. Vet. J.* 33:256-263.
 26. ARUNDEL, J.H. 1959. The efficiency and toxicity of pyrimethamine in the control of caecal coccidiosis of chickens. *Aust. Vet. J.* 35:7-12.
 27. ARUNDEL, J.H. 1960. Chemotherapy of caecal coccidiosis in chickens. *Aust. Vet. J.* 36:49-53.
 28. ARUNDEL, J.H., BARKER, I.K. & BEVERIDGE, I. 1977. Diseases of marsupials. Pp 141-154 in Stonehouse, B. & Gilmore, D. (ed.) *The Biology of Marsupials*. (Macmillan Press: Sydney).
 29. ARUNDEL, J.H. 1978. Parasitic diseases of the horse. (Veterinary Review No. 18, Post Graduate Foundation in Veterinary Science: University of Sydney).
 30. ARUNDEL, J.H., BEVERIDGE, I. & PRESIDENTE, P.J. 1979. Parasites and pathological findings in enclosed and free-ranging populations of *Macropus rufus* (Demarest) (Marsupialia) at Menindee, New South Wales. *Aust. Wildl. Res.* 6:361-379.
 31. ARUNDEL, J.H. 1981. Wildlife disease of the Pacific Basin - Australia. Pp 18-22 in Fowler, M.E. (ed.) *Wildlife diseases of the Pacific Basin and other countries*. (Proc. 4th Int. Conf. Wildlife Dis. Assoc.: Sydney).
 32. ASHBURNER, L.D. & EHL, A.S. 1973. *Chilodonella cyprini* (Moroff), a parasite of freshwater fish and its treatment. *Bull. Aust. Soc. Limnol.* 5:3-4.
 33. ASHBURNER, L.D. 1975. Coccidiosis in an Australian fish, the Macquarie perch, *Macquaria australasica* Cuvier, 1830. *Bull. Aust. Soc. Limnol.* 5:3-4.
 34. ASHBURNER, L.D. 1976. Fish diseases and potential fish diseases in Australia. *Animal Quarantine* 5:1-7.
 35. ASHBURNER, L.D. 1978. Management and diseases of hatchery fish. Pp 387-449 in J.D. Stewart Course for Veterinarians, Fauna - part B (Post Graduate Committee in Veterinary Science: University of Sydney):
 36. ASHTON, N. 1979. Ocular toxoplasmosis in wallabies (*Macropus rufogriseus*). *Am. J. Ophthalmol.* 88:322-332.
 37. ASSADMONGKOL, K., GRACEY, M., FORBES, D. & VARAVITHYA, W. 1992. *Cryptosporidium* in 100 Australian children SE Asian *J. Trop. Med. Public Health* 23:132-137.
 38. ATTWOOD, H.D., WOOLLEY, P.A. & RICKARD, M.D. 1975. Toxoplasmosis in dasyurid marsupials. *J. Wildlife Dis.* 11:543-551.
 39. ATWELL, R.B. 1975. Prenatal *Babesia bigemina* infection in a calf. *Aust. Vet. J.* 51:539.
 40. AYALA, S.C. 1977. Plasmodia of reptiles. Pp 267-309 in Kreier, J.P. (ed.) *Parasitic Protozoa* (Academic Press: New York).
 41. BABBAGE, N.F. 1965. An epidemic of miscarriage in humans possibly caused by *Toxoplasma gondii*. *Med. J. Aust.* 2:485-488.
 42. BACKHOUSE, T.C. & BOLLIGER, A. 1951. Transmission of Chagas' disease to the Australian marsupial *Trichosurus vulpecula*. *Trans. Roy. Soc. Trop. Med. Hyg.* 44:521-533.
 43. BACKHOUSE, T.C. & BOLLIGER, A. 1959. *Babesia tachyglossi* n. sp. from the echidna *Tachyglossus aculeatus*. *J. Protozool.* 6:320-322.
 44. BADENOCH, P.R., JOHNSON, A.M., CHRISTY, P.E. & COSTER, D.J. 1991. A model of *Acanthamoeba keratitis* in the rat. *Rev. Infect. Dis.* 13:S445.
 45. BAKER, J.R. 1986. Trichomoniasis, a major cause of vomiting in budgerigars. *Vet. Rec.* 118:447-449.
 46. BANCROFT, T.L. 1888. Note on *Haematomonas* in rats' blood. *Proc. Roy. Soc. Qld.* 5:31-32.

47. BANCROFT, T.L. 1891. Exhibit: two apparently new infusorian parasites in the blood of a frog, *Hyla nasuta*, one of them is referable to the genus *Trypanosoma*. Proc. Roy. Soc. Qld. 8:13.
48. BANCROFT, T.L. 1927. Flagellates in certain Queensland plants. Proc. Roy. Soc. Qld. 39:22.
49. BARBER, J.S., GASSER, R.B., ELLIS, J., REICHEL, M.P., MCMILLAN, D. & TREES, A.J. 1997. Prevalence of antibodies to *Neospora caninum* in different canid populations. J. Parasitol. 83:1056-1058.
50. BARKER, S., CALABY, J.H. & SHARMAN, G.B. 1963. Diseases of Australian laboratory marsupials. Vet. Bull. 33:539-544.
51. BARKER, I.K. & REMMLER, O. 1972. The endogenous development of *Eimeria leuckarti* in ponies. J. Parasitol. 58:112-122.
52. BARKER, I.K., HARRIGAN, K.E. & DEMPSTER, J.K. 1972. Coccidiosis in wild grey kangaroos. Int. J. Parasitol. 2:187-192.
53. BARKER, I.K. & CARBONELL, P.L. 1974. *Cryptosporidium agni* sp. n. from lambs, and *Cryptosporidium bovis* sp. n. from a calf, with observations on the oocyst. Z. Parasitenkd. 44:289-298.
54. BARKER, I.K., MUNDAY, B.L. & HARRIGAN, K.E. 1975. *Klossiella* spp. in the kidneys of peramelid, petaurid, and macropodid marsupials. Z. Parasitenkd. 46:35-41.
55. BARKER, I.K., BEVERIDGE, I., BRADLEY, A.J. & LEE, A.K. 1978. Observations on spontaneous stress-related mortality among males of the dasyurid marsupial *Antechinus stuartii* Macleay. Aust. J. Zool. 26:435-447.
56. BARKER, I.K., MUNDAY, B.L. & PRESIDENTE, P.J.A. 1979. Coccidia of wombats: correction of host-parasite relationships. *Eimeria wombati* (Gilruth and Bull, 1912) comb. nov. and *Eimeria ursini* Supperer, 1957 from the hairy-nosed wombat and *Eimeria arundeli* sp. n. from the common wombat. J. Parasitol. 65:451-456.
57. BARKER, I.K., BEVERIDGE, I. & MUNDAY, B.L. 1985. Coccidia (*Eimeria tachyglossi* n.sp., *E. echidnae* n.sp. and *Octosporella hystrix* n.sp.) in the echidna, *Tachyglossus aculeatus* (Monotremata: Tachyglossidae). J. Protozool. 32:523-525.
58. BARKER, I.K., MUNDAY, B.L. & HARTLEY, W.J. 1985. *Klossiella* (Apicomplexa, Klossiellidae) in petaurid and macropodid marsupials in Australia. J. Protozool. 32:520-522.
59. BARKER, I.K., O'CALLAGHAN, M.G., BEVERIDGE, I. & CLOSE, R.L. 1988. Host-parasite associations of *Eimeria* spp. (Apicomplexa: Eimeriidae) in rock wallabies, *Petrogale* spp. (Marsupialia: Macropodidae). Int. J. Parasitol. 18:353-363.
60. BARKER, I.K., O'CALLAGHAN, M.G. & BEVERIDGE, I. 1988. *Eimeria* spp. (Apicomplexa: Eimeriidae) parasitic in wallabies and kangaroos of the genera *Setonix*, *Thylogale*, *Wallabia*, *Lagorchestes* and *Dendrolagus* (Marsupialia: Macropodidae). Int. J. Parasitol. 18:955-962.
61. BARKER, I.K., O'CALLAGHAN, M.G. & BEVERIDGE, I. 1988. *Eimeria* spp. (Apicomplexa: Eimeriidae) parasitic in the rat-kangaroos *Hypsiprymnodon moschatus*, *Potorous tridactylus*, *Aepyprymnus rufescens* and *Bettongia gaimardi* (Marsupialia: Potoroidae). Int. J. Parasitol. 18:947-953.
62. BARKER, I.K., O'CALLAGHAN, M.G. & BEVERIDGE, I. 1989. Host-parasite associations of *Eimeria* spp. (Apicomplexa: Eimeriidae) in kangaroos and wallabies of the genus *Macropus* (Marsupialia: Macropodidae). Int. J. Parasitol. 19:241-263.
63. BEAMES, R.M. 1955. The serological examination of a strain of *Trichomonas foetus* isolated in Queensland. Qld. J. Agric. Sci. 12:15-19.
64. BEARUP, A.J. & LAWRENCE, J.J. 1947. A search for the vector of *Plasmodium pteropi* Breinl. Proc. Linn. Soc. N.S.W. 71:197-200.
65. BEARUP, A.J., LAWRENCE, J.J. & HEYDON, G.A.M. 1949. The incidence of parasitic infections in New South Wales. Med. J. Aust. 2:7-10.
66. BEARUP, A.J. 1951. Notes and exhibits. Proc. Linn. Soc. N.S.W. 76:26.
67. BEARUP, A.J. 1954. The coccidia of carnivores in Sydney. Aust. Vet. J. 30:185-186.
68. BEARUP, A.J. 1960. Parasitic infection in cats in Sydney, with special reference to the occurrence of *Ollulanus tricuspis*. Aust. Vet. J. 36:352-354.
69. BEATTIE, H.E.R. 1955. A bovine "trichomonad cyst". Aust. Vet. J. 31:146-147.
70. BEATTIE, H.E.R. 1955. Trichomoniasis. Aust. Vet. J. 31:42-43.
71. BECNEL, J.J. & SWEENEY, A.W. 1990. *Amblyospora trinus* n. sp. (Microsporida: Amblyosporidae) in the Australian mosquito *Culex halifaxi* (Diptera: Culicidae). J. Protozool. 37:584-592.
72. BEGG, M., BEVERIDGE, I., CHILTON, N.B., JOHNSON, P.M. & O'CALLAGHAN, M.G. 1995. Parasites of the proserperine rock wallaby, *Petrogale persephone* (marsupialia:macropodidae) Aust. Mammalogy 18:45-53.
73. BELL, I. 1986. Diseases in turkeys. Pp 469-559 in Poultry Health (Post-Graduate Committee in Veterinary Science: University of Sydney).
74. BENNETT, G.F., GRENER, E.C., WHITELEY, P.L. & NORMAN, F.I. 1977. Blood parasites of some waterfowl from Victoria, Australia. J. Wildlife Dis. 13:202-204.
75. BENNETT, G.F., SQUIRES-PARSONS, D. & POLDMAA, T. 1994. The species of *Haemoproteus*, *Leucocytozoon* and *Trypanosoma* of the Australian honeyeater family Meliphagidae (Aves: Passeriformes).

- Mem. Qld. Museum 37:13-18.
76. BENNETTS, H.W. 1930. *Bacillus welchii* and bowel lesions, with special reference to a case of coccidiosis. Aust. Vet. J. 6:153-154.
 77. BETTIOL, S.S., GOLDSMID, J.M., LE, D.D. & DRIESSEN, M. 1996. The first record of a member of the genus *Hepatozoon* in the eastern barred bandicoot (*Perameles gunnii*) in Tasmania. J. Parasitol. 82:829-830.
 78. BETTIOL, S.S., JAKES, K., LE, D.D., GOLDSMID, J.M. & HOCKING, G. 1998. First record of trypanosomes in Tasmanian bandicoots. J. Parasitol. 84:538-541.
 79. BEUMER, J.D., ASHBURNER, L.D., BURBURY, M.E., JETTE, E. & LATHAM, D.J. 1982. A checklist of the parasites of fishes from Australia and its adjacent Antarctic territories. Cmwth. Agric. Bur. Tech. Comm. No. 48 (Thanet Press, Margate).
 80. BIGGS, B.A., MEGNA, R., WICKREMESINGHE, S. & DWYER, B. 1987. Human infection with *Cryptosporidium* spp.: results of a 24-month survey. Med. J. Aust. 147:175-177.
 81. BINAS, M. & JOHNSON, A.M. 1998. A polymorphism in a DNA polymerase α gene intron differentiates between murine virulent and avirulent strains in *Toxoplasma gondii*. Int. J. Parasitol. 28:1033-1040.
 82. BINISS, R.T. 1945. A study of diseases of Australian natives in the Northern Territory. Med. J. Aust. 1:421-426.
 83. BINZ, N., THOMPSON, R.C.A., LYMBERY, A.J. & HOBBS, R.P. 1992. Comparative studies on the growth dynamics of two genetically distinct isolates of *Giardia duodenalis* *in vitro*. Int. J. Parasitol. 22:195-202.
 84. BLACK, R.H. 1955. Deaths from malaria on the Australian mainland. Med. J. Aust. 1:387-388.
 85. BLACK, R.H. 1959. Haptoglobins and haemoglobins in Australian aborigines. Med. J. Aust. 1:175-177.
 86. BLACK, R.H. 1959. Clinical features of overt vivax malaria seen in Australia: infections acquired in New Guinea. Med. J. Aust. 2:591-593.
 87. BLACK, R.H. 1960. Investigation of blood donors in accidental transfusion malaria - *Plasmodium vivax*, *falciparum* and *malariae* infections. Med. J. Aust. 2:446-449.
 88. BLACK, R.H. 1970. Malaria in Australia, 1969. Modern Med. Aust. 13:31-38.
 89. BLACK, R.H. 1971. Malaria in Australia, 1970. Modern Med. Aust. 10:13-25.
 90. BLACK, R.H. 1972. Malaria in Australia. Commonwealth Department of Health Service Publication No. 9 (Australian Government Publishing Service: Canberra).
 91. BLACK, R.H. 1976. Malaria in Australia, 1974. Modern Med. Aust. 5:29-32.
 92. BLACK, S.S., STEINOHRT, L.A., BERTUCCI, D.C., ROGERS, L.B. & DIDIER, E.S. 1997. *Encephalitozoon hellem* in budgerigars (*Melopsittacus undulatus*). Vet. Pathol. 34:189-198.
 93. BLACKBURN, M. 1960. A study of condition (weight for length) of Australian barracouta, *Thyrsites atun* (Euphrasen). Aust. J. Mar. Freshw. Res. 2:14-41.
 94. BLAGBURN, B.L., LINDSAY, D.S., HOERR, F.J., ATLAS, A.L. & TOVIO-KINNUCAN, M. 1990. *Cryptosporidium* sp. infection in the proventriculus of an Australian diamond firetail finch (*Staganoplera bella*: Passeriformes, Estrildidae). Avian Dis. 34:1027-1030.
 95. BLAKE, R.T. & OVEREND, D.J. 1982. The prevalence of *Dirofilaria immitis* and other parasites in urban pound dogs in north-eastern Victoria. Aust. Vet. J. 58:111-114.
 96. BLANCHARD, R. 1885. Note sur les Sarcosporidies et sur un essai de classification de ces Sporozoaires Bull. Soc. Zool. Fr. 10:244-276.
 97. BLANCHARD, R. 1889. Traite de Zoologie Medicale. (J.B. Bailliere et Fils, Paris).
 98. BOCK, R.E., DEVOS, A.J., LEW, A., KINGSTON, T.G. & FRASER, I.R. 1995. Studies on failure of T strain live *Babesia bovis* vaccine. Aust. Vet. J. 72:296-300.
 99. BOCK, R.E., DEVOS, A.J., KINGSTON, T.G. & MCLELLAN, D.J. 1997. Effect of breed of cattle on innate resistance to infection with *Babesia bovis*, *B. bigemina* and *Anaplasma marginale*. Aust. Vet. J. 75:337-340.
 100. BOORMAN, G.A., KOLLIAS, G.V. & TAYLOR, R.F. 1977. An outbreak of toxoplasmosis in wallaroos (*Macropus robustus*) in a California Zoo. J. Wildl. Dis. 13:64-68.
 101. BOREHAM, P.F.L., DONDEY, J. & WALKER, R. 1981. Giardiasis among children in the city of Logan, south east Queensland. Aust. Pediatr. J. 17:209-212.
 102. BOREHAM, P.F.L. & SHEPHERD, R.W. 1982. Septic systems and *Giardia intestinalis* transmission. Med. J. Aust. 2:553.
 103. BOREHAM, P.F.L. & SHEPHERD, R.W. 1984. Giardiasis in child-care centres. Med. J. Aust. 141:263.
 104. BOREHAM, P.F.L., PHILLIPS, R.E. & SHEPHERD, R.W. 1984. The sensitivity of *Giardia intestinalis* to drugs *in vitro*. J. Antimicrob. Chemotherapy 14:449-461.
 105. BOREHAM, P.F.L., PHILLIPS, R.E. & SHEPHERD, R.W. 1985. A comparison of the *in-vitro* activity of some 5-nitroimidazoles and other compounds against *Giardia intestinalis*. J. Antimicrob. Chemotherapy 16:589-595.

106. BOREHAM, P.F.L. & SHEPHERD, R.W. 1985. The treatment of giardiasis. Pp 320-326 in Tzipori, S. (ed.) International Seminar on Diarrhoeal Diseases in South-East Asia and the Western Pacific Region. Infectious Diarrhoea in the Young: Strategies for Control in Humans and Animals. (Elsevier Sci. Pub.: Geelong).
107. BOREHAM, P.F.L., BENRIMOJ, S., ONG, M., CRAIG, M., SHEPHERD, R.W., HILL, D. & SINGLETON, B. 1986. A compliance study in paediatric patients receiving treatment for giardiasis. *Aust. J. Hosp. Pharm.* 16:138-142.
108. BOREHAM, P.F.L., PHILLIPS, R.E. & SHEPHERD, R.W. 1986. The activity of drugs against *Giardia intestinalis* in neonatal mice. *J. Antimicrob. Chemotherapy* 18:393-398.
109. BOREHAM, P.F.L. & PHILLIPS, R.E. 1986. Giardiasis in Mount Isa, north-west Queensland. *Med. J. Aust.* 144:524-528.
110. BOREHAM, P.F.L., PHILLIPS, R.E. & SHEPHERD, R.W. 1987. Heterogeneity in the response of clones of *Giardia intestinalis* to anti-giardial drugs. *Trans. Roy. Soc. Trop. Med. Hyg.* 81:406-407.
111. BOREHAM, P.F.L. 1987. Transmission of *Giardia* by food and water. *Food Technol. Aust.* 39:61-63.
112. BOREHAM, P.F.L., UPCROFT, J., UPCROFT, P. & ANDREWS, R. 1988. Zoonotic *Giardia* - the debate goes on. *Parasitol. Today* 4:322.
113. BOREHAM, P.F.L., PHILLIPS, R.E. & SHEPHERD, R.W. 1988. Altered uptake of metronidazole *in vitro* by stocks of *Giardia intestinalis* with different drug sensitivities. *Trans. Roy. Soc. Trop. Med. Hyg.* 82:104-106.
114. BOREHAM, P.F.L., UPCROFT, J.A. & UPCROFT, P. 1990. Changing approaches to the study of *Giardia* epidemiology: 1681-2000. *Int. J. Parasitol.* 20:479-487.
115. BOREHAM, P.F.L., UPCROFT, J.A. & UPCROFT, P. 1991. Biochemical and molecular mechanisms of resistance to nitroheterocyclic drugs in *Giardia intestinalis*. Pp 594-604 in Coombs, G.H. & North, M.J. (ed.) *Biochemical Protozoology*. (Taylor & Francis: London).
116. BOREHAM, P.F.L. & UPCROFT, J.A. 1991. The activity of azithromycin against stocks of *Giardia intestinalis* *in vitro* and *in vivo*. *Trans. Roy. Soc. Trop. Med. Hyg.* 85:620-621.
117. BOREHAM, P.F.L., UPCROFT, J.A. & DUNN, L.A. 1992. Protein and DNA evidence for two demes of *Blastocystis hominis* from humans. *Int. J. Parasitol.* 22:49-53.
118. BOREHAM, P.F.L. & STENZEL, D.J. 1993. The current status of *Blastocystis hominis*. *Parasitol. Today* 9:251.
119. BOREHAM, P.F.L. & STENZEL, D.J. 1993. *Blastocystis* in humans and animals: morphology, biology, and epizootiology. *Adv. Parasitol.* 32:1-70.
120. BOREHAM, R.E., HENDRICK, S., O'DONOGHUE, P.J. & STENZEL, D.J. 1998. Incidental finding of *Myxobolus* spores (Protozoa: Myxozoa) in stool samples from patients with gastrointestinal symptoms. *J. Clin. Microbiol.* 36:3728-3730.
121. BOULTON, J.G., GILL, P.A., COOK, R.W., FRASER, G.C., HARPER, P.A.W. & DUBEY, J.P. 1995. Bovine *Neospora* abortion in north-eastern New South Wales. *Aust. Vet. J.* 72:119-120.
122. BOURNE, G. 1934. Sarcosporidia. *J. Roy. Soc. W.A.* 19:1-8.
123. BOVEE, E.C. & TELFORD, S.R. 1965. *Eimeria scleroporis* and *Eimeria molochis* spp. n. from lizards. *J. Parasitol.* 51:85-94.
124. BOX, E.D. 1981. Observations on *Giardia* of budgerigars. *J. Protozool.* 28:491-494.
125. BOYLAN, T., CUNNINGHAM, M. & REDDACLIFF, G. 1985. Cryptosporidiosis in snakes at Taronga zoo. *Thylacinus* 10:20-21.
126. BRADBURY, P.C. 1994. Parasitic protozoa of molluscs and crustacea. Pp 139-264 in Kreier, J.P. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
127. BRADBURY, P.C. 1994. Ciliates of fish. Pp 81-138 in Kreier, J.P. (ed.) *Parasitic Protozoa* 2nd. ed. (Academic Press: San Diego).
128. BREINL, A. 1913. Parasitic protozoa encountered in the blood of Australian native animals. *Rep. Aust. Inst. Trop. Med. for 1911 (April, 1913)*:30-38.
129. BREINL, A. & TAYLOR, F.H. 1918. A malarial survey of the township of Cairns. *Med. J. Aust.* 2:109-115.
130. BROUGHTON, C.R. & BEARUP, A.J. 1953. A case of infection with *Dientamoeba fragilis*. *Med. J. Aust.* 1:779-780.
131. BROWN, D.M., UPCROFT, J.A. & UPCROFT, P. 1993. Cysteine is the major low-molecular weight thiol in *Giardia duodenalis*. *Mol. Biochem. Parasitol.* 61:155-158.
132. BROWN, D.M., UPCROFT, J.A. & UPCROFT, P. 1995. Free radical detoxification in *Giardia duodenalis*. *Mol. Biochem. Parasitol.* 72:47-56.
133. BROWN, D.M., UPCROFT, J.A. & UPCROFT, P. 1996. A thioredoxin reductase-class of disulphide reductase in the protozoan parasite *Giardia duodenalis*. *Mol. Biochem. Parasitol.* 83:211-220.
134. BROWN, D.M., UPCROFT, J.A. & UPCROFT, P. 1996. A H₂O-producing NADH oxidase from the protozoan parasite *Giardia duodenalis*. *Eur. J. Biochem.* 241:155-161.
135. BUDIARSO, I.T., JOHNSON, P.J.R., GALLINA, A.M. & GAAFAR, S.M. 1971. Fatal spontaneous coccidiosis in grey kangaroos (*Macropus kanguru*). *J. Zoo Anim. Med.* 2:16-19.

136. BULL, L.B. 1914. Tuberculosis in dogs. *Vet. J.* 70:34-44.
137. BURRESON, E.M. 1989. Haematozoa of fishes from Heron I., Australia, with the description of two new species of *Trypanosoma*. *Aust. J. Zool.* 37:15-23.
138. BUTCHER, A.D. 1941. Outbreaks of white-spot or ichthyophthiriasis (*Ichthyophthirius multifiliis* Fouquet, 1876) at the hatcheries of the Ballarat Fish Acclimatization Society with notes on laboratory experiments. *Proc. Roy. Soc. Vic.* 53:126-144.
139. BUTCHER, A.D. 1943. Observations on some phases of the life cycle of *Ichthyophthirius multifiliis* Fouquet, 1876, a ciliate protozoan parasite of freshwater fish. *Aust. Zool.* 10:125-137.
140. BUTCHER, A.D. 1947. Ichthyophthiriasis in an Australian trout hatchery. *Prog. Fish Cult.* 9:21-26.
141. BUTCHER, A.R., LUMB, R., COULTER, E. & NIELSEN, D.J. 1994. Coccidian/cyanobacterium-like body associated diarrhea in an Australian traveller returning from overseas. *Pathol.* 26:59-61.
142. BUTLER, T. & DEBOER, W.G.R.M. 1981. *Isospora belli* infection in Australia. *Pathol.* 13:593-595.
143. BYRNE, K.V. 1940. Veterinary notes on a central Riverina district, 1935-1938. *Aust. Vet. J.* 16:122-126.
144. CALLINAN, R.B. 1988. Diseases of Australian natives fishes. Pp 459-472 in *Fish Diseases. Refresher Course for Veterinarians*. (Post Graduate Committee in Veterinary Science: Sydney).
145. CALLOW, L.L. & HOYTE, H.M.D. 1961. Transmission experiments using *Babesia bigemina*, *Theileria mutans*, *Borrelia* sp. and the cattle tick, *Boophilus microplus*. *Aust. Vet. J.* 37:381-390.
146. CALLOW, L.L. & JOHNSTON, L.A.Y. 1963. *Babesia* spp. in the brains of clinically normal cattle and their detection by a brain smear technique. *Aust. Vet. J.* 39:25-31.
147. CALLOW, L.L. & MCGAVIN, M.D. 1963. Cerebral babesiosis due to *Babesia argentina*. *Aust. Vet. J.* 39:15-21.
148. CALLOW, L.L. 1964. Strain immunity in babesiosis. *Nature* 204:1213-1214.
149. CALLOW, L.L. 1965. *Babesia bigemina* in ticks grown on non-bovine hosts and its transmission to these hosts. *Parasitol.* 55:375-381.
150. CALLOW, L.L. & MELLORS, L.T. 1966. A new vaccine for *Babesia argentina* infection prepared in splenectomised calves. *Aust. Vet. J.* 42:464-465.
151. CALLOW, L.L. 1967. Sterile immunity, coinfectious immunity and strain differences in *Babesia bigemina* infections. *Parasitol.* 57:455-465.
152. CALLOW, L.L. & TAMMEMAGI, L. 1967. Vaccination against bovine babesiosis. Infectivity and virulence of blood from animals either recovered from or reacting to *Babesia argentina*. *Aust. Vet. J.* 43:249-256.
153. CALLOW, L.L. 1968. The infection of *Boophilus microplus* with *Babesia bigemina*. *Parasitol.* 58:663-670.
154. CALLOW, L.L. 1968. A note on homologous strain immunity in *Babesia argentina* infections. *Aust. Vet. J.* 44:268-269.
155. CALLOW, L.L. & PARKER, R.J. 1969. Cortisone-induced relapses in *Babesia argentina* infections in cattle. *Aust. Vet. J.* 45:103-104.
156. CALLOW, L.L. & MCGREGOR, W. 1970. The effect of imidocarb against *Babesia argentina* and *Babesia bigemina* infections in cattle. *Aust. Vet. J.* 46:195-200.
157. CALLOW, L.L., MCGREGOR, W., PARKER, R.J. & DALGLIESH, R.J. 1974. Immunity of cattle to *Babesia bigemina* following its elimination from the host, with observations on antibody levels detected by the indirect fluorescent antibody test. *Aust. Vet. J.* 50:12-15.
158. CALLOW, L.L., MCGREGOR, W., PARKER, R.J. & DALGLIESH, R.J. 1974. The immunity of cattle to *Babesia argentina* after drug sterilisation of infections of varying duration. *Aust. Vet. J.* 50:6-11.
159. CALLOW, L.L. & PEPPER, P.M. 1974. Measurement of and correlations between fever, changes in the packed cell volume and parasitaemia in the evaluation of the susceptibility of cattle to infection with *Babesia argentina*. *Aust. Vet. J.* 50:1-5.
160. CALLOW, L.L., QUIROGA, Q.C. & MCCOSKER, P.J. 1976. Serological comparisons of Australian and South American strains of *Babesia argentina* and *Anaplasma marginale*. *Int. J. Parasitol.* 6:307-310.
161. CALLOW, L.L., EMMERSON, F.R., PARKER, R.J. & KNOTT, S.G. 1976. Infection rates and outbreaks of disease due to *Babesia argentina* in unvaccinated cattle on 5 beef properties in south-eastern Queensland. *Aust. Vet. J.* 52:446-450.
162. CALLOW, L.L., PARKER, R.J., RODWELL, B.J. & OTTLEY, M.L. 1976. Piroplasmosis in buffaloes and its serological diagnosis based on a homology between buffalo and bovine immunoglobulins. *Aust. Vet. J.* 52:40-41.
163. CALLOW, L.L. & STEWART, N.P. 1978. Immunosuppression by *Babesia bovis* against its tick vector, *Boophilus microplus*. *Nature* 272:818-819.

164. CALLOW, L.L. 1979. Some aspects of the epidemiology and control of bovine babesiosis in Australia. *J. Sth. Afr. Vet. Ass.* 50:353-356.
165. CALLOW, L.L., MCGREGOR, W., RODWELL, B.J., ROGERS, R.J., FRASER, G.C., MAHONEY, D.F. & ROBERTSON, G.M. 1979. Evaluation of an indirect fluorescent antibody test to diagnose *Babesia equi* infection in horses. *Aust. Vet. J.* 55:555-559.
166. CALLOW, L.L., MELLORS, L.T. & MCGREGOR, W. 1979. Reduction in virulence of *Babesia bovis* due to rapid passage in splenectomized cattle. *Int. J. Parasitol.* 9:333-338.
167. CALLOW, L.L. 1984. Animal Health in Australia. Volume 5. Protozoal and Rickettsial Diseases. (Aust. Govt. Publ. Service: Canberra).
168. CANFIELD, P.J., HARTLEY, W.J. & DUBEY, J.P. 1990. Lesions of toxoplasmosis in Australian marsupials. *J. Comp. Pathol.* 103:159-167.
169. CANFIELD, P.J., VOGELNEST, L., CUNNINGHAM, M.L. & VISVESVARA, G.S. 1997. Amoebic meningoencephalitis caused by *Balamuthia mandrillaris* in an orang utan. *Aust. Vet. J.* 75:97-100.
170. CANNON, L.R.G. 1967. *Caryospora demansiae* sp. nov. (Sporozoa: Eimeriidae) from the Australian snake *Demansia psammophis* (Elapidae). *Parasitol.* 57:221-226.
171. CANNON, L.R.G. 1967. New coccidia from Australian lizards. I. *Isospora*. *Parasitol.* 57:227-235.
172. CANNON, L.R.G. 1967. New coccidia from Australian lizards. II. *Eimeria*. *Parasitol.* 57:237-250.
173. CANNON, L.R.G. & RZEP CZYK, C.M. 1974. A new species of *Caryospora* Leger, 1904 (Sporozoa: Eimeriidae) from an Australian snake. *Parasitol.* 69:197-200.
174. CANNON, L.R.G. & JENNINGS, J.B. 1988. *Monocystella epibatis* n. sp., a new aseptate gregarine hyperparasite of rhabdocoel turbellarians parasitic in the crown of thorns starfish, *Acanthaster planci* Linnaeus, from the Great Barrier Reef. *Arch. Protistenkd.* 136:267-272.
175. CANNON, L.R.G. & SEWELL, K.B. 1994. Symbionts and biodiversity. *Mem. Qld. Mus.* 36:33-40.
176. CAPON, A.G., UPCROFT, J.A., BOREHAM, P.F.L., COTTIS, L.E. & BUNDESEN, P.G. 1989. Similarities of *Giardia* antigens derived from human and animal sources. *Int. J. Parasitol.* 19:91-98.
177. CARMEL, B.P. & GROVES, V. 1993. Chronic cryptosporidiosis in Australian elapid snakes: control of an outbreak in a captive colony. *Aust. Vet. J.* 70:293-295.
178. CARRIGAN, M.J. 1986. An outbreak of sarcocystosis in dairy cattle. *Aust. Vet. J.* 63:22-24.
179. CARSTAIRS, I.L. 1978. Report of microsporidial infestation of the freshwater crayfish, *Cherax destructor*. *Freshwater Crayfish* 4:343-348.
180. CARTER, R.F. 1968. Primary amoebic meningoencephalitis: clinical, pathological and epidemiological features of six fatal cases. *J. Pathol. Bacteriol.* 96:1-25.
181. CARTER, R.F. 1970. Description of a *Naegleria* sp. isolated from two cases of primary amoebic meningoencephalitis, and of the experimental pathological changes induced by it. *J. Pathol.* 100:217-244.
182. CARTER, R.F. 1972. Primary amoebic meningoencephalitis. An appraisal of present knowledge. *Trans. Roy. Soc. Trop. Med. Hyg.* 66:193-213.
183. CARTER, R.F., CULLITY, G.J., OJEDA, V.J., SILBERSTAIN, P. & WILLAERT, E. 1981. A fatal case of meningoencephalitis due to a free-living amoeba of uncertain identity - probably *Acanthamoeba* sp. *Pathol.* 13:51-68.
184. CASEMORE, D.P., WRIGHT, S.E. & COOP, R.L. 1997. Cryptosporidiosis - human and animal epidemiology. Pp 65-92 in Fayer, R. (ed.) *Cryptosporidium* and Cryptosporidiosis. (CRC Press: Boca Raton).
185. CASSIDY, M.F., STENZEL, D.J. & BOREHAM, P.F.L. 1994. Electron microscopy of surface structures of *Blastocystis* sp. from different hosts. *Parasitol. Res.* 80:505-511.
186. CHEN, N., UPCROFT, J.A. & UPCROFT, P. 1994. Physical map of a 2Mb chromosome of the intestinal protozoan parasite *Giardia duodenalis*. *Chromosome Res.* 2:307-313.
187. CHEN, N., UPCROFT, J.A. & UPCROFT, P. 1995. A *Giardia duodenalis* gene encoding a protein with multiple repeats of a toxin homologue. *Parasitol.* 111:423-431.
188. CHEN, N., UPCROFT, J.A. & UPCROFT, P. 1996. A novel protein kinase gene family in *Giardia duodenalis*. *Gene* 177:191-194.
189. CHRISTENSEN, H.R., CLARK, B.L. & PARSONSON, I.M. 1977. Incidence of *Tritrichomonas foetus* in young replacement bulls following introduction into an infected herd. *Aust. Vet. J.* 53:132-134.
190. CHRISTENSEN, H.R. & CLARK, B.L. 1979. Spread of *Tritrichomonas foetus* in beef bulls in an infected herd. *Aust. Vet. J.* 55:205.
191. CHRISTIE, D.G. 1947. Entero-hepatitis or blackhead in poultry. *Agric. Gaz. N.S.W.* 58:667-669.
192. CHURCHILL, R.C. & BEST, D.R. 1976. Babesiosis of a horse in Australia. *Aust. Vet. J.* 52:487.

193. CILENTO, R.W. & BALDWIN, A.H. 1930. Malaria in Australia. *Med. J. Aust.* 1:274-282.
194. CILENTO, R. 1942. Tropical diseases in Australasia. (W.R. Smith & Paterson: Brisbane).
195. CLAMP, J.C. 1991. Revision of the family Lagenophryidae Butschli, 1889 and description of the family Usconophryidae n. fam. (Ciliophora, Peritricha). *J. Protozool.* 38:355-377.
196. CLAMP, J.C. 1994. New species of *Lagenophrys* (Ciliophora, Peritrichia) from New Zealand and Australia. *J. Euk. Microbiol.* 41:343-349.
197. CLARK, B.L. 1971. Venereal diseases of cattle. *Veterinary Review* No. 11 (Post Graduate Foundation in Veterinary Science: University of Sydney).
198. CLARK, B.L., WHITE, M.B. & BANFIELD, J.C. 1971. Diagnosis of *Trichomonas foetus* infection in bulls. *Aust. Vet. J.* 47:181-183.
199. CLARK, B.L., PARSONSON, I.M. & DUFTY, J.H. 1974. Experimental infection of bulls with *Tritrichomonas foetus*. *Aust. Vet. J.* 50:189-191.
200. CLARK, B.L., PARSONSON, I.M. & DUFTY, J.H. 1974. Infection of bulls with *Tritrichomonas foetus* through mating with infected heifers. *Aust. Vet. J.* 50:180.
201. CLARK, B.L., PARSONSON, I.M., WHITE, M.B., BANFIELD, J.C. & YOUNG, J.S. 1974. Control of trichomoniasis in a large herd of beef cattle. *Aust. Vet. J.* 50:424-426.
202. CLARK, B.L., DUFTY, J.H. & PARSONSON, I.M. 1977. Studies on the transmission of *Tritrichomonas foetus*. *Aust. Vet. J.* 53:170-172.
203. CLELAND, J.B. 1906. The haemogregarine of mammals (*H. balfouri*), and some notes on rats. *J. Trop. Med. (Hyg.)* 9:296-297.
204. CLELAND, J.B. 1907. The diseases of animals and meat inspection in Western Australia. *J. Dept. Agric. W.A.* 15:84-94.
205. CLELAND, J.B. 1908. Some remarks on the natural history and diseases of the rats of Perth and Fremantle, Western Australia. *Rep. Aust. Assoc. Adv. Sci.* (1908):516-520.
206. CLELAND, J.B. & JOHNSTON, T.H. 1909. Descriptions of new haemoprotozoa from birds in New South Wales, with a note on the resemblance between the spermatozoa of certain honeyeaters (Fam. Meliphagidae) and spirochaete-trypanosomes. *J. Roy. Soc. N.S.W.* 43:75-96.
207. CLELAND, J.B. 1909. Trypanosomiasis and other diseases in camels, with experiments in connection with the former. *Aust. Med. Congr.* (1908) 2:305-324.
208. CLELAND, J.B. & JOHNSTON, T.H. 1910. The haematozoa of Australian birds. No. 1. *Trans. Roy. Soc. S.A.* 34:100-114.
209. CLELAND, J.B. & JOHNSTON, T.H. 1910. The haematozoa of Australian batrachians. No. 1. *Proc. Roy. Soc. N.S.W.* 44:252-261.
210. CLELAND, J.B. & JOHNSTON, T.H. 1911. The haematozoa of Australian birds. No. II. *J. Roy. Soc. N.S.W.* 45:415-444.
211. CLELAND, J.B. & JOHNSTON, T.H. 1912. Tabular statements of haematozoa occurring in wild and domesticated animals in Australia. *Rep. Govt. Bur. Microbiol.* (1912):83-88.
212. CLELAND, J.B. & JOHNSTON, T.H. 1912. Species of haemoprotozoa met with during 1910 and 1911. *Rep. Govt. Bur. Microbiol.* (1912):74-83.
213. CLELAND, J.B. 1913. Note on the occurrence of coccidiosis in house sparrows and in bovines in NSW. *J. Roy. Soc. N.S.W.* 47:70-71.
214. CLELAND, J.B. 1914. The haematozoa of Australian batrachians, No. 2. *Proc. Roy. Soc. N.S.W.* 48:412-414.
215. CLELAND, J.B. 1915. Notes on some Australian Haematozoa. *Rep. Brit. Assoc. Adv. Sci.* (1915):405-406.
216. CLELAND, J.B. 1915. The haematozoa of Australian birds. No. 3. *Trans. Roy. Soc. S.A.* 39:25-37.
217. CLELAND, J.B. 1922. The parasites of Australian birds. *Trans. Roy. Soc. S.A.* 46:85-118.
218. CLELAND, J.B. 1928. Disease amongst the Australian aborigines. *J. Trop. Med. Hyg.* 31:157-160.
219. COLLIER, J.M. 1944. A case of malaria acquired near Sydney, New South Wales. *Med. J. Aust.* 2:213-214.
220. COLLINS, G.H., EMSLIE, D.R., FARROW, B.R.H. & WATSON, A.D.J. 1983. Sporozoa in dogs and cats. *Aust. Vet. J.* 60:289-290.
221. COLLINS, G.H., POPE, S.E., GRIFFIN, D.L., WALKER, J. & CONNOR, G. 1987. Diagnosis and prevalence of *Giardia* spp. in dogs and cats. *Aust. Vet. J.* 64:89-90.
222. COMAN, B.J., JONES, E.H. & WESTBURY, H.A. 1981. Protozoan and viral infections of feral cats. *Aust. Vet. J.* 57:319-323.
223. COOK, I. 1959. *Toxoplasma* in Queensland. IV. Serological surveys of the human population. *Aust. J. Exptl. Biol. Med. Sci.* 37:581-592.
224. COOK, I. & POPE, J.H. 1959. *Toxoplasma* in Queensland. III. A preliminary survey of animal hosts. *Aust. J. Exptl. Biol.* 37:253-262.
225. COOK, I. 1961. Ovine toxoplasmosis. *Aust. Vet. J.* 37:451-456.
226. COOPER, D.J., PINNOCK, D.E. & BATEMAN, S.M. 1983. Susceptibility of *Lucilia cuprina* (Wiedemann) (Diptera: Calliphoridae), to *Octosporea muscaedomesticae* Flu. *J. Aust. Ent. Soc.* 22:292.

227. COPLAND, J.W. 1981. Myxosporidiosis caused by *Myxidium giardi* in cultured ells. Pp 175-177 in Fowler, M.E. (ed.) Wildlife Diseases of the Pacific Basin and Other Countries (Proc. 4th Int. Conf. Wildlife Dis. Assoc.: Sydney).
228. COURT, J.M. & STANTON, C. 1959. The incidence of *Giardia lamblia* infestation of children in Victoria. Med. J. Aust. 2:438-440.
229. COUTELEN, F. 1932. Existence d'une encephalite toxoplasmique spontanee chez les wombats. Un toxoplasme nouveau, *Toxoplasma wenyoni* n.sp., parasite de *Phascolumys mitchelli* (Australie). C.R. Soc. Biol., Paris 110:1245-1247.
230. COUTELEN, F. 1933. Sur la position systematique de *Globidium mucosum* (R. Blanchard 1885), parasite du kangourou des rochers *Macropus (Petrogale) penicellatus*. Ann. Parasitol. Hum. Comp. 11:1-6.
231. COX, J.C., WALDEN, N.B. & NAIRN, R.C. 1972. Presumptive diagnosis of *Nosema cuciculi* in rabbits by immunofluorescence. Res. Vet. Sci. 13:595-597.
232. COX, J.C. & PYE, D. 1975. Serodiagnosis of nosematosis by immunofluorescence using cell-culture-grown organisms. Lab. Anim. 9:297-304.
233. COX, J.C. 1977. Altered immune responsiveness associated with *Encephalitozoon cuciculi* infection in rabbits. Infect. Immun. 15:392-395.
234. COX, J.C., GALLICCHIO, H.A., PYE, D. & WALDEN, N.B. 1977. Application of immunofluorescence to the establishment of an *Encephalitozoon cuciculi*-free rabbit colony. Lab. Anim. Sci. 27:04-209.
235. COX, J.C., HAMILTON, R.C. & ATTWOOD, H.D. 1979. An investigation of the route and progression of *Encephalitozoon cuciculi* infection in adult rabbits. J. Protozool. 26:260-265.
236. COX, J.C., PYE, D., EDMONDS, J.W. & SHEPHERD, R. 1980. An investigation of *Encephalitozoon cuciculi* in the wild rabbit *Oryctolagus cuciculus* in Victoria, Australia. J. Hyg. Camb. 84:295-300.
237. CROSLAND, M.W. 1988. Effect of a gregarine parasite on the color of *Myrmecia pilosula* (Hymenoptera: Formicidae). Annals Entomol. Soc. Am. 81:481-484.
238. CROUCH, A. & WELCH, J. 1987. Faecal antigens of *Giardia lamblia* detected by a filtration ELISA: preliminary findings. Aust. J. Med. Lab. Sci. 8:58-60.
239. CRUICKSHANK, R., ASHDOWN, L. & CROESE, J. 1988. Human cryptosporidiosis in north Queensland. Aust. NZ. J Med. 18:582-586.
240. CUMPSTON, J.H.L. 1989. Health and Disease in Australia. (Aust. Govt. Publ. Service: Canberra).
241. CURNOW, J.A. & CURNOW, B.A. 1967. An indirect haemagglutination test for the diagnosis of *Babesia aregentina* infection in cattle. Aust. Vet. J. 43:286-290.
242. CURNOW, J.A. 1968. *In vitro* agglutination of bovine erythrocytes infected with *Babesia argentina*. Nature 217:267-268.
243. CURNOW, J.A. 1973. Studies on the epizootiology of bovine babesiosis in common border areas of New South Wales and Queensland. Aust. Vet. J. 49:294-297.
244. CURNOW, J.A. 1973. The use of a slide agglutination test to demonstrate antigenic differences between *Babesia bigemina* parasites. Aust. Vet. J. 49:290-293.
245. CURNOW, J.A. 1973. Studies on the epizootiology of bovine babesiosis in north eastern New South Wales. Aust. Vet. J. 49:284-289.
246. CURNOW, J.A. 1973. Studies on antigenic changes and strain differences in *Babesia argentina* infections. Aust. Vet. J. 49:279-283.
247. DAHL, R.J. & JOHNSON, A.M. 1983. Purification of *Toxoplasma gondii* from host cells J. Clin. Pathol. 36:602-604.
248. DAHL, R.J. & JOHNSON, A.M. 1984. Specificity of the enzyme-linked immunosorbent assay (ELISA) for *Toxoplasma* IgG antibody. Trans. Roy. Soc. Trop. Med. Hyg. 78:661-662.
249. DAHL, R.J., WOODS, W.H. & JOHNSON, A.M. 1987. Recognition by the human immune system of candidate vaccine epitopes of *Toxoplasma gondii* measured by a competitive ELISA. Vaccine 5:187-191.
250. DALGLIESH, R.J. 1968. Field observations on *Babesia argentina* vaccination in Queensland. Aust. Vet. J. 44:103-104.
251. DALGLIESH, R.J. 1971. Dimethyl sulphoxide in the low-temperature preservation of *Babesia bigemina*. Res. Vet. ci. 12:469-471.
252. DALGLIESH, R.J. 1972. Effects of low temperature preservation and route of inoculation on infectivity of *Babesia bigemina* in blood diluted with glycerol. Res. Vet. Sci. 13:540-545.
253. DALGLIESH, R.J. 1972. Theoretical and practical aspects of freezing parasitic protozoa. Aust. Vet. J. 48:233-239.
254. DALGLIESH, R.J. & MELLORS, L.T. 1974. Survival of the parasitic protozoan, *Babesia bigemina*, in blood cooled at widely different rates to -196°C . Int. J. Parasitol. 4:169-172.
255. DALGLIESH, R.J., DIMMOCK, C.K., HILL, M.W.M. & MELLORS, L.T. 1976. *Babesia argentina*: disseminated intravascular coagulation in acute infections in splenectomized calves. Exptl. Parasitol. 40:124-131.
256. DALGLIESH, R.J. & STEWART, N.P. 1976. Stimulation of the development of infective *Babesia bovis* (= *B. argentina*) in unfed *Boophilus microplus* larvae. Aust. Vet. J. 52:543.
257. DALGLIESH, R.J., DIMMOCK, C.K., HILL, M.W.M. & MELLORS, L.T. 1977. The protamine sulphate test as a screening test for intravascular

- coagulation in experimental *Babesia bovis* infections. Res. Vet. Sci. 23:105-108.
258. DALGLIESH, R.J. & STEWART, N.P. 1977. Failure of vaccine strains of *Babesia bovis* to regain infectivity for ticks during long-standing infections in cattle. Aust. Vet. J. 53:429-431.
259. DALGLIESH, R.J., STEWART, N.P. & CALLOW, L.L. 1978. Transmission of *Babesia bigemina* by transfer of adult male *Boophilus microplus*. Aust. Vet. J. 54:205-206.
260. DALGLIESH, R.J. & STEWART, N.P. 1979. Observations on the morphology and infectivity for cattle of *Babesia bovis* parasites in unfed *Boophilus microplus* larvae after incubation at various temperatures. Int. J. Parasitol. 9:115-120.
261. DALGLIESH, R.J., STEWART, N.P. & RODWELL, B.J. 1981. Increased numbers of strahlenkorper in *Boophilus microplus* ticks ingesting a blood-passaged strain of *Babesia bigemina*. Res. Vet. Sci. 31:350-352.
262. DALGLIESH, R.J., STEWART, N.P. & DUNCALFE, F. 1981. Reduction in pathogenicity of *Babesia bovis* for its tick vector, *Boophilus microplus*, after rapid blood passage in splenectomized calves. Z. Parasitenkd. 64:347-351.
263. DALGLIESH, R.J., CALLOW, L.L., MELLORS, L.T. & MCGREGOR, W. 1981. Development of a highly infective *Babesia bigemina* vaccine of reduced virulence. Aust. Vet. J. 57:8-11.
264. DALGLIESH, R.J. & STEWART, N.P. 1982. Some effects of time, temperature and feeding on infection rates with *Babesia bovis* and *Babesia bigemina* in *Boophilus microplus* larvae. Int. J. Parasitol. 12:323-326.
265. DALGLIESH, R.J., JORGENSEN, W.K. & DEVOS, A.J. 1990. Australian frozen vaccines for the control of babesiosis and anaplasmosis in cattle - a review. Trop. Anim. Hlth. Prod. 22:44-52.
266. DALRYMPLE, B.P. 1990. Cloning and characterization of the rRNA genes and flanking regions from *Babesia bovis*: use of the genes as strain discriminating probes. Mol. Biochem. Parasitol. 43:117-124.
267. DALRYMPLE, B.P., JORGENSEN, W.K., DEVOS, A.J. & WRIGHT, I.G. 1992. Analysis of the composition of samples of *Babesia bovis* and the influence of different environmental conditions on genetically distinct subpopulations. Int. J. Parasitol. 22:731-737.
268. DALY, G.D. & HALL, W.T.K. 1955. A note on the susceptibility of British and some Zebu-type cattle to tick fever (babesiosis). Aust. Vet. J. 31:152.
269. DAVIES, K.A. 1973. Observations on *Malameba locustae* from *Chortoicetes terminifera* cultures in Australia. J. Invert. Pathol. 22:475.
270. DAVIES, N.J., HARRISON, G.C. & GOLDSMID, J.M. 1993. A case of giardiasis in a dog in Tasmania - a cause of disease or incidental finding? Aust. Vet. J. 70:32-33.
271. DEHORITY, B.A. 1996. A new family of entodiniomorph protozoa from the marsupial forestomach, with descriptions of a new genus and five new species. J. Euk. Microbiol. 43:285-295.
272. DEJONCKHEERE, J.F., PERNIN, P., SCAGLIA, M. & MICHEL, R. 1984. A comparative study of 14 strains of *Naegleria australiensis* demonstrates the existence of a highly virulent subspecies: *N. australiensis italica* spp. J. Protozool. 31:324-331.
273. DELLOW, D.W., HUME, I.D., CLARKE, R.T.J. & BAUCHOP, T. 1988. Microbial activity in the forestomach of free-living macropodid marsupials: comparisons with laboratory studies. Aust. J. Zool. 36:383-395.
274. DELVINQUIER, B.L.J. 1986. *Myxidium immersum* (Protozoa: Myxosporaea) of the cane toad, *Bufo marinus*, in Australian Anura, with a synopsis of the genus in amphibians. Aust. J. Zool. 34:843-853.
275. DELVINQUIER, B.L.J. 1987. Opalinidae in Australian Anura. Proc. Roy. Soc. Qld. 98:93-122.
276. DELVINQUIER, B.L.J. & JONES, M.K. 1988. A preliminary note on the intestinal flagellates of the Australian Anura. Mem. Qld. Mus. 25:333-334.
277. DELVINQUIER, B.L.J. & FREELAND, W.J. 1988. Protozoan parasites of the cane toad, *Bufo marinus*, in Australia. Aust. J. Zool. 36:301-316.
278. DELVINQUIER, B.L.J. & FREELAND, W.J. 1988. Observations on *Zelleriella antilliensis* (Protozoa: Opalinata) from the cane toad *Bufo marinus* in Australia. Aust. J. Zool. 36:317-333.
279. DELVINQUIER, B.L.J. & PATTERSON, D.J. 1993. The opalines. Pp 247-325 in Kreier, J.P. & Baker, J.R. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
280. DENNETT, D.P., REECE, R.L., BARASA, J.O. & JOHNSON, R.H. 1974. Observations on the incidence and distribution of serotypes of *Trichostrongylus axei* in beef cattle in north-eastern Australia. Aust. Vet. J. 50:427-431.
281. DENNIS, S.M. 1974. Perinatal lamb mortality in Western Australia. 3. Congenital infections. Aust. Vet. J. 50:507-510.
282. DENNIS, D., M. & MUNDAY, B.L. 1994. Microsporidiosis of palinurid lobsters from Australian waters. Bull. Europ. Ass. Fish Pathol. 14:16-18.
283. DERRICK, E.H. 1948. A fatal case of generalised amoebiasis due to a protozoan closely resembling, if not identical with, *Iodamoeba butschlii*. Trans. Roy. Soc. Trop. Med. Hyg. 42:191-198.
284. DERRICK, E.H. & MACKERRAS, M.J. 1949. Diseases of laboratory mice. Fourth Ann. Rep. Qld. Inst. Med. Res. (1949):13.

285. DESSER, S.S. 1993. The Haemogregarinidae and Lankesterellidae. Pp 247-272 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
286. DESSER, S.S. & BENNETT, G.F. 1993. The genera *Leucocytozoon*, *Haemoproteus*, and *Hepatocystis*. Pp 273-307 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
287. DEW, B.B. & MCMILLAN, B. 1970. Seasonal variation of *Polychromophilus melanipherus* (Sporozoa: Haemoproteidae) in the bent-winged bat *Miniopterus schreibersii* (Chiroptera) in New South Wales. Parasitol. 61:161-166.
288. DICKENS, R.K. 1978. The koala in health and disease. Pp 105-117 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
289. DIGGLES, B.K. & ADLARD, R.D. 1995. Taxonomic affinities of *Cryptocaryon irritans* and *Ichthyophthirius multifiliis* inferred from ribosomal RNA sequence data. Dis. Aquatic Org. 22:39-43.
290. DIGGLES, B.K. & LESTER, R.J.G. 1996. Infections of *Cryptocaryon irritans* on wild fish from southeast Queensland, Australia. Dis. Aquatic Org. 25:159-167.
291. DIGGLES, B.K. & LESTER, R.J.G. 1996. Influence of temperature and host species on the development of *Cryptocaryon irritans*. J. Parasitol. 82:45-51.
292. DIGGLES, B.K. & LESTER, R.J.G. 1996. Variation in the development of two isolates of *Cryptocaryon irritans*. J. Parasitol. 82:384-388.
293. DIGGLES, B.K. 1997. Some information on the morphology of *Cryptocaryon irritans* from South-East Queensland, Australia. Europ. J. Protistol. 33:200-210.
294. DIGGLES, B.K. & ADLARD, R.D. 1997. Intraspecific variation in *Cryptocaryon irritans*. J. Euk. Microbiol. 44:25-32.
295. DIMMOCK, C.K. 1973. Blood group antibody production in cattle by a vaccine against *Babesia bigemina*. Res. Vet. ci. 15:305-309.
296. DOBOS-KOVACS, M., MESZAROS, J., PELLERDY, L. & BALSALAI, A. 1974. Studies on source of *Toxoplasma* infection in captive kangaroos. Acta Vet. Acad. Sci. Hung. 24:293-301.
297. DOBOS-KOVACS, M., MESZAROS, J., PELLERDY, L. & BALSALAI, A. 1974. Toxoplasmose bei Kanguruhs (*Thylagale eugenii*) verursacht durch *Toxoplasma*-Oozysten enthaltendes Futter. Parasitol. Hung. 7:85-89.
298. DODD, S. 1909. Report of the Principal Veterinary Surgeon and Bacteriologist. Ann. Rep. Dept. Agric. Stock Qld. (1908-09):81-105.
299. DODD, S. 1910. Piroplasmosis of cattle in Queensland. J. Comp. Path. Therap. 23:141-160.
300. DODD, S. 1910. Diseases in stock. Ann. Rep. Dept. Agric. Stock Qld. (1909-10):19-22.
301. DODD, S. 1924. The piroplasmoses of the Pacific regions. Proc. Pan-Pacific Sci. Congr. (1923):1502-1512.
302. DONALDSON, L.E., LUCAS, M.H., JOHNSTON, L.A.Y. & RITSON, J.B. 1967. The reproductive efficiency of several north Queensland beef herds. Aust. Vet. J. 43:41-44.
303. DOUBE, L.J. 1981. Diseases of wombats. Pp 63-75 in Fowler, M.E. (ed.) Wildlife Diseases of the Pacific Basin and other Countries. (Proc. 4th. Int. Conf. Wildlife Dis. Assoc.: Sydney).
304. DRIESEN, S.J., CARLAND, P.G. & FAHY, V.A. 1993. Studies on preweaning piglet diarrhoea. Aust. Vet. J. 70:259-263.
305. DRIESEN, S.J., FAHY, V.A. & CARLAND, P.G. 1995. The use of toltrazuril for the prevention of coccidiosis in piglets before weaning. Aust. Vet. J. 72:139-141.
306. DUBEY, J.P. 1986. A review of toxoplasmosis in cattle. Vet. Parasitol. 22:177-202.
307. DUBEY, J.P. 1986. A review of toxoplasmosis in pigs. Vet. Parasitol. 19:181-223.
308. DUBEY, J.P., HUGHES, H.P.A., LILLEHOJ, H.S., GAMBLE, H.R. & MUNDAY, B.L. 1987. Placental transfer of specific antibodies during ovine congenital toxoplasmosis. Am. J. Vet. Res. 48:474-476.
309. DUBEY, J.P., OTT-JOSLIN, J., TORGERSON, R.W., TOPPER, M.J. & SUNDBERG, J.P. 1988. Toxoplasmosis in black-faced kangaroos (*Macropus fuliginosus melanops*). Vet. Parasitol. 30:97-105.
310. DUBEY, J.P. & BEATTIE, C.P. 1988. Toxoplasmosis of Animals and Man. (CRC Press: Boca Raton).
311. DUBEY, J.P., SPEER, C.A., MUNDAY, B.L. & LIPSCOMB, T.P. 1989. Ovine sporozoan encephalomyelitis linked to *Sarcocystis* infection. Vet. Parasitol. 34:159-163.
312. DUBEY, J.P., SPEER, C.A. & FAYER, R. 1989. Sarcocystosis of Animals and Man. (CRC Press: Boca Raton).
313. DUBEY, J.P., HARTLEY, W.J. & LINDSAY, D.S. 1990. Congenital *Neospora caninum* infection in a calf with spinal cord anomaly. J. Am. Vet. Med. Ass. 197:1043-1044.
314. DUBEY, J.P. 1992. A review of *Neospora caninum* and *Neospora*-like infections in animals. J. Protozool. Res. 2:40-52.
315. DUBEY, J.P. & HARTLEY, W.J. 1992. Steatitis in a red kangaroo (*Macropus rufus*) associated with a coccidia-like protozoon. J. Vet. Diagn. Invest. 4:93-96.

316. DUBEY, J.P. & LINDSAY, D.S. 1996. A review of *Neospora caninum* and neosporosis. *Vet. Parasitol.* 67:1-59.
317. DUBOSCQ, O. & GRASSE, P. 1927. Flagelles et Schizophytes de *Calotermes (Glyptotermes) iridipennis* Frogg. *Arch. Zool. Expt. Gen.* 66:451-496.
318. DUMARESQ, J.A. 1948. A note recording the presence of *Trichomonas foetus* infection of cattle on King Island. *Aust. Vet. J.* 24:282.
319. DUNN, L.A., BOREHAM, P.F.L. & STENZEL, D.J. 1989. Ultrastructural variation of *Blastocystis hominis* stocks in culture. *Int. J. Parasitol.* 19:43-56.
320. DUNSMORE, J.D. 1971. A study of the biology of the wild rabbit in climatically different regions in eastern Australia. IV. The rabbit in the south coastal region of New South Wales, an area in which parasites appear to exert a population-regulating effect. *Aust. J. Zool.* 19:355-370.
321. DUNSMORE, J.D. 1978. Parasitism in wild rabbits. *Aust. Adv. Vet. Sci.* 1978:107.
322. DYSON, T.S. 1889. Malaria fevers of tropical Queensland. *Intercolon. Med. Congr. Aust.* (1889):64-66.
323. EDGERTON, B., O'DONOGHUE, P., WINGFIELD, M. & OWENS, L. 1996. Systemic infection of freshwater crayfish *Cherax quadricarinatus* by hymenostome ciliates of the *Tetrahymena pyriformis* complex. *Dis. Aquat. Org.* 27:123-129.
324. EDMEADES, R., HALLIDAY, K. & SHEPHERD, R. 1981. Infantile gastroenteritis relationship between cause, clinical course, and outcome. *Med. J. Aust.* 2:29-32.
325. EDMONDS, A.R. 1949. Human toxoplasmosis, with report of a case. *Med. J. Aust.* 1:456-457.
326. ELDER, J.K. 1964. Examination of twelve strains of *Trichomonas foetus* (Riedmuller) isolated in Queensland and the description of a new serotype, *T. foetus* var. *brisbane*. *Qld. J. Agric. Sci.* 21:193-203.
327. ELLIS, J., HEFFORD, C., BAVERSTOCK, P.R., DALRYMPLE, B.P. & JOHNSON, A.M. 1992. Ribosomal DNA sequence comparison of *Babesia* and *Theileria*. *Mol. Biochem. Parasitol.* 54:87-96.
328. ELLIS, J.E., WINGFIELD, J.M., COLE, D., BOREHAM, P.F.L. & LLOYD, D. 1993. Oxygen affinities of metronidazole-resistant and -sensitive stocks of *Giardia intestinalis*. *Int. J. Parasitol.* 23:35-39.
329. ELLIS, J., LUTON, K., BAVERSTOCK, P.R., BRINDLEY, P.J., NIMMO, K.A. & JOHNSON, A.M. 1994. The phylogeny of *Neospora caninum*. *Mol. Biochem. Parasitol.* 64:303-311.
330. ELLIS, J.T., LUTON, K., BAVERSTOCK, P.R., WHITWORTH, G., TENTER, A.M. & JOHNSON, A.M. 1995. Phylogenetic relationships between *Toxoplasma* and *Sarcocystis* deduced from a comparison of 18S rDNA sequences. *Parasitol.* 110:521-528.
331. EMMERSON, F.R., KNOTT, S.G. & CALLOW, L.L. 1976. Vaccination with *Babesia argentina* in 5 beef herds in south-eastern Queensland. *Aust. Vet. J.* 52:451-454.
332. ERLANDSEN, S.L. & BEMRICK, W.J. 1987. SEM evidence for a new species, *Giardia psittaci*. *J. Parasitol.* 73:623-629.
333. ERLANDSEN, S.L., BEMRICK, W.J. & JAKUBOWSKI, W. 1991. Cross-species transmission of avian and mammalian *Giardia* spp.: inoculation of chicks, ducklings, budgerigars, mongolian gerbils and neonatal mice with *Giardia ardeae*, *Giardia duodenalis (lamblia)*, *Giardia psittaci* and *Giardia muris*. *Int. J. Environ. Health Res.* 1:144-152.
334. ERLANDSEN, S.L., WEISBROD, A.R., KNUDSON, L.W., OLEREICH, R., DODGE, W.E., JAKUBOWSKI, W. & BEMRICK, W.J. 1991. Giardiasis in wild and captive bird populations: high prevalence in herons and budgerigars. *Int. J. Environ. Health Res.* 1:132-143.
335. ERNST, H.P. & BAKER, G.L. 1982. *Malameba locustae* (King and Taylor) (Protozoa: Amoebidae) in field populations of Orthoptera in Australia. *J. Aust. Entomol. Soc.* 21:295-296.
336. EUTICK, M.L., VEIVERS, P., O'BRIEN, R.W. & SLAYTOR, M. 1978. Dependence of the higher termite, *Nasutitermes exitiosus* and the lower termite, *Coptotermes lacteus* on their gut flora. *J. Insect Physiol.* 24:363-368.
337. EY, P.L., KHANNA, K., ANDREWS, R.H., MANNING, P.A. & MAYRHOFER, G. 1992. Distinct genetic groups of *Giardia intestinalis* distinguished by restriction fragment length polymorphisms. *J. General Microbiol.* 138:2629-2637.
338. EY, P.L., DARBY, J.M., ANDREWS, R.H. & MAYRHOFER, G. 1993. *Giardia intestinalis*: detection of major genotypes by restriction analysis of gene amplification products. *Int. J. Parasitol.* 23:591-600.
339. EY, P.L., ANDREWS, R.H. & MAYRHOFER, G. 1993. Differentiation of major genotypes of *Giardia intestinalis* by polymerase chain reaction analysis of a gene encoding a trophozoite surface antigen. *Parasitol.* 106:347-356.
340. EY, P.L., KHANNA, K., MANNING, P. & MAYRHOFER, G. 1993. A gene encoding a 69-kilodalton major surface protein of *Giardia intestinalis* trophozoites. *Mol. Biochem. Parasitol.* 58:247-258.
341. EY, P.L., MANSOURI, M., KULDA, J., NOHYNKOVA, E., MONIS, P.T., ANDREWS, R.H. & MAYRHOFER, G. 1997. Genetic analysis of *Giardia* from hoofed farm animals reveals artiodactyl-specific and potentially zoonotic genotypes. *J. Euk. Microbiol.* 44:626-635.

342. FAIRLEY, N.H. 1945. Chemotherapeutic suppression and prophylaxis in malaria. An experimental investigation undertaken by medical research teams in Australia. *Trans. Roy. Soc. Trop. Med. Hyg.* 38:311-365.
343. FAIRLEY, N.H. 1946. Malaria in the south-west Pacific, with special reference to its chemo-therapeutic control. *Med. J. Aust.* 2:145-162.
344. FAIRLEY, N.H. 1957. Experiments with antimalarial drugs in man. *Trans. Roy. Soc. Trop. Med. Hyg.* 51:493-501.
345. FALLIS, A.M. & DESSER, S.S. 1977. On species of *Leucocytozoon*, *Haemoproteus*, and *Hepatocystis*. Pp 239-266 in Kreier, J.P. (ed.) *Parasitic Protozoa* (Academic Press: New York).
346. FARBEY, M.D., REYNOLDS, J.A. & THOMPSON, R.C.A. 1995. *In vitro* drug susceptibility of 29 isolates of *Giardia duodenalis* from humans as assessed by an adhesion assay. *Int. J. Parasitol.* 25:593-599.
347. FARLEY, C., WOLF, P.H. & ELSTON, R.A. 1988. A long-term study of "microcell" disease in oysters with a description of a new genus, *Mikrocytos* (g.n.), and two new species, *Mikrocytos mackini* (sp.n.) and *Mikrocytos roughleyi* (sp.n.). *Fishery Bull.* 86:581-593.
348. FAY, F.R. 1989. Toxoplasmosis in seals. *Adv. Vet. Sci., Aust. Vet. Assoc. Conf. Perth* 109-110.
349. FAYER, R., SPEER, C.A. & DUBEY, J.P. 1997. The general biology of *Cryptosporidium*. Pp 1-41 in Fayer, R. (ed.) *Cryptosporidium and Cryptosporidiosis*. (CRC Press: Boca Raton).
350. FERGUSON, H. 1988. Protozoan Diseases. Pp 63-71 in *Fish Diseases. Refresher Course for Veterinarians*. (Post Graduate Committee in Veterinary Science: University of Sydney).
351. FERRANTE, A. & THONG, Y.H. 1979. Antibody induced capping and endocytosis of surface antigens in *Naegleria fowleri*. *Int. J. Parasitol.* 9:599-601.
352. FERRANTE, A. & THONG, Y.H. 1980. Unique phagocytic process in neutrophil-mediated killing of *Naegleria fowleri*. *Immunol. Letters* 2:37-41.
353. FERRANTE, A. & LEDERER, E. 1986. Curative properties of muramyl dipeptide in experimental *Naegleria meningoencephalitis*. *Trans. Roy. Soc. Trop. Med. Hyg.* 80:323-326.
354. FERRANTE, A., HILL, N.L., ABELL, T.J. & PRUUL, H. 1987. Role of myeloperoxidase in the killing of *Naegleria fowleri* by lymphokine-altered human neutrophils. *Infect. Immun.* 55:1047-1050.
355. FERRANTE, A. & BATES, E.J. 1988. Elastase in the pathogenic free-living amoebae *Naegleria* and *Acanthamoeba* spp. *Infect. Immun.* 56:3320-3321.
356. FERRANTE, A., CARTER, R.F., LOPEZ, A.F., ROWAN-KELLY, B., HILL, N.L. & VADAS, M.A. 1988. Depression of immunity to *Naegleria fowleri* in mice by selective depletion of neutrophils with a monoclonal antibody. *Infect. Immun.* 56:2286-2291.
357. FERRANTE, A. & ROWAN-KELLY, B. 1988. The role of antibody in immunity against experimental *Naegleria meningoencephalitis* ('amoebic meningitis'). *Immunol.* 64:241-244.
358. FERSON, M.J. & YOUNG, L.C. 1992. *Cryptosporidium* and coxsackievirus B5 causing epidemic diarrhoea in a child-care centre. *Med. J. Aust* 156:813.
359. FIASCHI, T. 1898. Clinical notes on a case of amoebic abscess of the liver and lung. *Aust. Med. Gaz.* 17:511-512.
360. FIELDING, J.W. 1928. Observations on rodents and their parasites. *J. Roy. Soc. N.S.W.* 61:115-134.
361. FILIPPICH, L.J. & O'DONOGHUE, P.J. 1995. *Cochlosoma* infection in finches. Pp 101-104 in Cross, G.M. (ed.) *Proc. Ann. Conf. Aust. Assoc. Avian Vet.* (Australian Veterinary Association: Dubbo).
362. FILIPPICH, L.J. & O'DONOGHUE, P.J. 1997. *Cochlosoma* infections in finches. *Aust. Vet. J.* 75:561-563.
363. FILIPPICH, L.J., MCDONNELL, P.A., MUNOZ, E. & UPCROFT, J.A. 1998. *Giardia* infection in budgerigars. *Aust. Vet. J.* 76:246-249.
364. FILMER, J.F. 1931. Some notes on piroplasmiasis in Western Australia. *Aust. Vet. J.* 7:138-141.
365. FINDLAY, V.L., HELDERS, M., MUNDAY, B.L. & GURNEY, R. 1995. Demonstration of resistance to reinfection with *Paramoeba* sp. by Atlantic salmon, *Salmo salar* L. *J. Fish Dis.* 18:639-642.
366. FINKELMAN, S. & PAPERNA, I. 1994. The endogenous development of two new species of *Isoospora* (Apicomplexa: Eimeriidae) from skinks. *Syst. Parasitol.* 27:227-235.
367. FINKELMAN, S. & PAPERNA, I. 1994. The endogenous development of three new intranuclear species of *Isoospora* (Apicomplexa: Eimeriidae) from agamid lizards. *Syst. Parasitol.* 27:213-226.
368. FINNIE, E.P. 1974. Prophylaxis against coccidiosis in kangaroos. *Aust. Vet. J.* 50:276.
369. FINNIE, E.P. 1976. Husbandry and diseases of orphaned pouch-young marsupials. *Aust. Vet. Practit.* 6:19-28.
370. FORD, E. 1950. The malaria problem in Australia and the Australian Pacific territories. *Med. J. Aust.* 1:749-760.
371. FORD, G.E. 1974. Prey-predator transmission in the epizootiology of ovine sarcosporidiosis. *Aust. Vet. J.* 50:38-39.

372. FORD, G.E. 1975. Transmission of sarcosporidiosis from dogs to sheep maintained specific pathogen free. *Aust. Vet. J.* 51:408.
373. FORD, G.E. & BEVERIDGE, I. 1980. Clinical parasitology for the diagnosis of the cyst-forming sporozoa at the vector stage in companion animals. *Aust. Adv. Vet. Sci.* (1980):66-67.
374. FORD, G.E. 1985. Immunity of sheep to homologous challenge with dog-borne *Sarcocystis* species following varying levels of prior exposure. *Int. J. Parasitol.* 15:629-634.
375. FORD, G.E. 1986. Role of the dog, fox, cat and human as carnivore vectors in the transmission of the sarcosporidia that affect sheep meat production. *Aust. J. Agric. Res.* 37:79-88.
376. FORD, G.E. 1986. Completion of the cycle for transmission of sarcosporidiosis between cats and sheep reared specific pathogen free. *Aust. Vet. J.* 63:42-44.
377. FORD, G.E. 1986. Biochemical characterization for identification of ovine sarcosporidia. *Aust. J. Biol. Sci.* 39:31-36.
378. FORD, G.E. 1987. Hosts of two canid genera, the red fox and the dog, as alternate vectors in the transmission of *Sarcocystis tenella* from sheep. *Vet. Parasitol.* 26:13-20.
379. FORD, G.E., FAYER, R., ADAMS, M., DONOGHUE, P.J., DUBEY, J.P. & BAVERSTOCK, P.R. 1987. Genetic characterisation by isoenzyme markers of North American and Australasian isolates of species of *Sarcocystis* (Protozoa: Apicomplexa) from mice, sheep, goats and cattle. *Syst. Parasitol.* 9:163-167.
380. FORSHAW, D., PALMER, D.G., HALSE, S.A., HOPKINS, R.M. & THOMPSON, R.C.A. 1992. *Giardia* in straw-necked ibis (*Threskiornis spinicollis*) in Western Australia. *Vet. Rec.* 131:267-268.
381. FOWLER, M. & CARTER, R.F. 1965. Acute pyogenic meningitis probably due to *Acanthamoeba* sp.: a preliminary report. *Brit. Med. J.* 2:740-742.
382. FOWLER, N.G. & FORBES, G.B. 1972. Aberrant *Leucocytozoon* infection in parakeets. *Vet. Rec.* 91:345-347.
383. FRANCIS, J. & COLLINS, G.W. 1963. Treatment of trichomoniasis in the bull. *Aust. Vet. J.* 39:202-204.
384. FREELAND, W.J., DELVINQUIER, B.L.J. & BONNIN, B. 1986. Food and parasitism of the cane toad, *Bufo marinus*, in relation to time since colonization. *Aust. Wildl. Res.* 13:489-499.
385. GALE, K.R., WALTISBUHL, D.J., BOWDEN, J.M., JORGENSEN, W.K., MATHESON, J., EAST, I.J., ZAKRZEWSKI, H. & LEATCH, G. 1998. Amelioration of virulent *Babesia bovis* infection in calves by administration of the nitric oxide synthase inhibitor aminoguanidine. *Parasite Immunol.* 20:441-445.
386. GALLAGHER, A.N., GARTRELL, B.D. & UPCROFT, J.A. 1995. Pathogenic *Giardia* isolated from a wild-trapped sulphur crested cockatoo (*Cacatua galerita*). Pp 23-27 in Cross, G.M. (ed.) Proc. Ann. Conf. Aust. Assoc. Avian Vet. (Australian Veterinary Association: Dubbo).
387. GARNHAM, P.C.C. 1966. Malaria Parasites and other Haemosporidia. (Blackwell Scientific Publishers: Oxford).
388. GARVEN, A. 1957. Toxoplasmosis: the diagnosis of clinical and latent infection in Australia. *Australasian Ann. Med.* 6:141-144.
389. GASSER, R.B., EDWARDS, G. & COLE, R.A. 1993. Neosporosis in a dog. *Aust. Vet. Practit.* 23:190-193.
390. GIBB, D.G.A., KAKULAS, B.A., PERRET, D.H. & JENKYN, D.J. 1966. Toxoplasmosis in the Rottneest quokka (*Setonix brachyurus*). *Aust. J. Expt. Biol. Med. Sci.* 44:665-672.
391. GILL, P. & CALLINAN, R.B. 1997. Ulcerative dermatitis associated with *Uronema* sp. infection of farmed sand whiting *Sillago ciliata*. *Aust. Vet. J.* 75:357.
392. GILRUTH, J.A., SWEET, G. & DODD, S. 1910. Notes on blood parasites. *Proc. Roy. Soc. Vic.* 23:231-240.
393. GILRUTH, J.A. 1910. Note on a haemogregarine in the blood of *Varanus varius*. *Proc. Roy. Soc. Vic.* 23:36-38.
394. GILRUTH, J.A. 1910. Notes on a protozoon parasite found in the mucous membrane of the abomasum of a sheep. *Proc. Roy. Soc. Vic.* 23:19-20.
395. GILRUTH, J.A. 1912. The introduction and spread of the cattle tick (*Boophilus annulatus*, var. *microplus*), and of the associated disease tick fever (Babesiosis) in Australia. *Qld. Agric. J.* 29:351-357.
396. GILRUTH, J.A. 1912. The introduction and spread of the cattle tick (*Boophilus annulatus*, var. *microplus*), and of the associated disease tick fever (Babesiosis) in Australia. *Proc. Roy. Soc. Vic.* 25:15-22.
397. GILRUTH, J.A. & BULL, L.B. 1912. Enteritis associated with infection of the intestinal wall by cyst-forming protozoa (Neosporidia), occurring in certain native animals (wallaby, kangaroo and wombat). *Proc. Roy. Soc. Vic.* 24:432-448.
398. GLAZEBROOK, J.S., CAMPBELL, R.S.F. & HUTCHINSON, G.W. 1977. The pathology of feral rodents in north Queensland. II. Studies on zoonotic infections. *Tropenmed. Parasitol.* 28:545-551.
399. GLAZEBROOK, J.S., CAMPBELL, R.S.F., HUTCHINSON, G.W. & STALLMAN, N.D. 1978. Rodent zoonoses in north Queensland. The occurrence and distribution of zoonotic infections in north Queensland rodents. *Aust. J. Expt. Biol. Med. Sci.* 56:147-156.

400. GLAZEBROOK, J.S. & CAMPBELL, R.S.F. 1987. Diseases of barramundi (*Lates calcarifer*) in Australia: a review. Pp 204-206 in Copland, J.W. & Grey, D.L. (ed.) Management of Wild and Cultured Sea bass/barramundi (*Lates calcarifer*). (Proc. Int. Workshop: Darwin).
401. GOGGIN, C.L. & LESTER, R.J.G. 1987. Occurrence of *Perkinsus* species (Protozoa, Apicomplexa) in bivlaves from the Great Barrier Reef. Dis. Aquatic Org. 3:113-117.
402. GOGGIN, C.L., SEWELL, K.B. & LESTER, R.J.G. 1989. Cross-infection experiments with Australian *Perkinsus* species. Dis. Aquatic Org. 7:55-59.
403. GOGGIN, C.L. 1994. Variation in the two internal transcribed spacers and 5.8S ribosomal RNA from five isolates of the marine parasite *Perkinsus* (Protista, Apicomplexa). Mol. Biochem. Parasitol. 65:179-182.
404. GOLDMAN, M. & ROSENBERG, A.S. 1974. Immunofluorescence studies of the small *Babesia* species of cattle from different geographical areas. Res. Vet. Sci. 16:351-354.
405. GOLDSMID, J.M. 1981. Intestinal parasitic infections of man in Tasmania. Tran. Roy. Soc. Trop. Med. Hyg. 75:110-111.
406. GOODGER, B.V. 1971. Preparation and preliminary assessment of purified antigens in the passive haemagglutination test for bovine babesiosis. Aust. Vet. J. 47:251-256.
407. GOODGER, B.V. 1973. Further studies of haemagglutinating antigens of *Babesia bigemina*. Aust. Vet. J. 49:81-84.
408. GOODGER, B.V. 1973. *Babesia argentina*: intraerythrocytic location of babesial antigen extracted from parasite suspensions. Int. J. Parasitol. 3:387-391.
409. GOODGER, B.V. & MAHONEY, D.F. 1974. A rapid slide agglutination test for the herd diagnosis of *Babesia argentina* infection. Aust. Vet. J. 50:250-254.
410. GOODGER, B.V. & MAHONEY, D.F. 1974. Evaluation of the passive haemagglutination test for the diagnosis of *Babesia argentina* infection in cattle. Aust. Vet. J. 50:246-249.
411. GOODGER, B.V. 1975. A cold precipitable fibrinogen complex in the plasma of cattle dying from infection with *Babesia argentina*. Z. Parasitenkd. 48:1-7.
412. GOODGER, B.V. 1976. *Babesia argentina*: studies on the nature of an antigen associated with infection. Int. J. Parasitol. 6:213-216.
413. GOODGER, B.V. 1977. *Babesia argentina*: observations on the immunogenicity of the cryofibrinogen complex. Z. Parasitenkd. 53:47-52.
414. GOODGER, B.V. & WRIGHT, I.G. 1977. *Babesia bovis* (*argentina*): observations of coagulation parameters, fibrinogen catabolism and fibrinolysis in intact and splenectomized cattle. Z. Parasitenkd. 54:9-27.
415. GOODGER, B.V. 1978. *Babesia bovis* (= *argentina*): changes in erythrocytic and associated proteins during acute infection of splenectomized and intact calves. Z. Parasitenkd. 55:1-8.
416. GOODGER, B.V., WRIGHT, I.G., MAHONEY, D.F. & MCKENNA, R.V. 1978. *Babesia bovis* (*argentina*): components of the cryofibrinogen complex and their contribution to pathophysiology of infection in splenectomized calves. Z. Parasitenkd. 58:3-13.
417. GOODGER, B.V., WRIGHT, I.G., MAHONEY, D.F. & MCKENNA, R.V. 1980. *Babesia bovis* (*argentina*): studies on the composition and location of antigen associated with infected erythrocytes. Int. J. Parasitol. 10:33-36.
418. GOODGER, B.V., WRIGHT, I.G. & MAHONEY, D.F. 1981. Changes in conglutinin, immunoconglutinin, complement C3 and fibronectin concentrations in cattle acutely infected with *Babesia bovis*. Aust. J. Expt. Biol. Med. Sci. 59:531-538.
419. GOODGER, B.V., WRIGHT, I.G. & MAHONEY, D.F. 1981. Initial characterization of cryoprecipitates in cattle recovering from acute *Babesia bovis* (*argentina*) infection. Aust. J. Expt. Biol. Med. Sci. 59:521-529.
420. GOODGER, B.V., COMMINS, M.A., WALTISBUHL, D.J., WRIGHT, I.G. & RODEBRAMANIS, K. 1990. *Babesia bovis*: immunity induced by vaccination with a lipid enriched fraction. Int. J. Parasitol. 20:685-687.
421. GORDON, A.N., KELLY, W.R. & LESTER, R.J.G. 1993. Epizootic mortality of free-living green turtles, *Chelonia mydas*, due to coccidiosis. J. Wildlife Dis. 29:490-494.
422. GORRIE, C.J.R. 1950. Management in control of coccidiosis in chickens. Aust. Vet. J. 26:223-225.
423. GRACEY, M. 1994. Gastrointestinal infections in children. Curr. Op. Gastroenterol. 10:88-97.
424. GREGORY, G.G. & MUNDAY, B.L. 1976. Internal parasites of feral cats from the Tasmanian midlands and King Island. Aust. Vet. J. 52:317-320.
425. GRIFFIN, J.L. 1978. Pathogenic free-living amoebae. Pp 507-549 in Kreier, J.P. (ed.) Parasitic Protozoa. (Academic Press: New York).
426. GRIFFITHS, J.K. 1998. Human cryptosporidiosis: epidemiology, transmission, clinical disease, treatment, and diagnosis. Adv. Parasitol. 40:37-85.
427. GRIM, J.N. 1992. Descriptions of two sympatric and phylogenetically diverse ciliated protozoa, *Balantidium zebrascopei* n.sp. and *Paracichlidotherus leeuwenhoekii* n.gen., n.sp., symbionts in the intestines of the surgeonfish, *Zebrasoma scopas*. Trans. Am. Microsc. Soc. 111:149-157.

428. GRIM, J.N. 1993. Description of somatic kineties and vestibular organization of *Balantidium jocularum* sp. n., and possible taxonomic implications for the class Litostomatea and the genus *Balantidium*. *Acta Protozool.* 32:37-45.
429. GRIM, J.N. & CLEMENTS, K.D. 1996. Description of a new species of opalinid by light microscopy, SEM and TEM: *Protoopalina polykineta*, n.sp. from the intestines of the surgeonfish, *Acanthurus nigrofuscus*. Surface features, kinetal organization, vesicles, and endocytobionts. *Europ. J. Protist.* 32:81-89.
430. GRIMES, T.M. & ELDER, J.K. 1971. The isolation of trichomonads from pigeons. *Aust. Vet. J.* 47:160-161.
431. GROVES, P.J. 1986. Coccidiosis in chickens, turkeys and ducks. Pp 361-383 in *Poultry Health (Post-Graduate Committee in Veterinary Science: University of Sydney)*.
432. GRULET, O., LANDAU, I., MILLET, P. & BACCAM, D. 1985. Les *Isoospora* du moineau. I. Complements a l'etude systematique. *Ann. Parasitol. Hum. Comp.* 60:155-160.
433. GRULET, O., LANDAU, I., MILLET, P. & BACCAM, D. 1986. Les *Isoospora* du moineau. II. Etudes sur la biologie. *Ann. Parasitol. Hum. Comp.* 61:161-192.
434. GRUNBERG, W. 1953. Toxoplasmosis beim Bennett-Kanguruh (*Makropus bennetti* Gould) und einem Klippeschliefer (*Hyrax syriacus* Schreb.). *Wein. Tierarztl. Msch.* 46:586-593.
435. GUO, Z.-G. & JOHNSON, A.M. 1995. Genetic comparison of *Neospora caninum* with *Toxoplasma* and *Sarcocystis* by random amplified polymorphic DNA-polymerase chain reaction. *Parasitol. Res.* 81:365-370.
436. GUO, Z.G. & JOHNSON, A.M. 1995. Genetic characterization of *Toxoplasma gondii* strains by random amplified polymorphic DNA polymerase chain reaction. *Parasitol.* 111:127-132.
437. GUO, Z.G., GROSS, U. & JOHNSON, A.M. 1997. *Toxoplasma gondii* virulence markers identified by random amplified polymorphic DNA polymerase chain reaction. *Parasitol. Res.* 83:458-463.
438. HACKEL, D.B., KINNEY, T.D. & WENDT, W. 1953. Pathologic lesions in captive wild animals. *Lab. Invest.* 2:154-163.
439. HAGGER, T.D. 1956. A case of visceral leishmaniasis or kala-azar. *Med. J. Aust.* 2:198-199.
440. HALL, W.T.K. 1960. The immunity of calves to *Babesia argentina* infection. *Aust. Vet. J.* 36:361-366.
441. HALL, W.T.K. 1963. The immunity of calves to tick-transmitted *Babesia argentina* infection. *Aust. Vet. J.* 39:386-389.
442. HALL, W.T.K., Tammemagi, L. & Johnston, L.A.Y. 1968. Bovine babesiosis: the immunity of calves to *Babesia argentina* infection. *Aust. Vet. J.* 44:259-264.
443. HALLETT, S.L., O'DONOGHUE, P.J. & LESTER, R.J.G. 1997. Infections by *Kudoa ciliatae* (Myxozoa: Myxosporidia) in Indo-Pacific whiting *Sillago* spp. *Dis. Aquatic Org.* 30:11-16.
444. HALLETT, S.L., O'DONOGHUE, P.J. & LESTER, R.J.G. 1998. Structure and development of a marine actinosporean, *Sphaeractinomyxon ersei* n. sp. (Myxozoa). *J. Euk. Microbiol.* 45:142-150.
445. HAMERTON, A.E. 1933. Report on deaths occurring in the Society's Gardens during the year 1932. *Proc. Zool. Soc. London (1933):*451-482.
446. HARRIGAN, K.E. 1978. Parasitic diseases of birds. Pp 489-536 in *Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney)*.
447. HARRIGAN, K.E. 1981. Parasitic diseases of birds. Pp 337-396 in *Refresher Course on Aviary and Caged Birds (Post Graduate Committee in Veterinary Science: University of Sydney)*.
448. HARRIS, I.E. 1988. Rabbits - medicine and other veterinary aspects. *Aust. Vet. Practit.* 18:7-11.
449. HARROP, C.J.F. & BARKER, S. 1972. Blood chemistry and gastro-intestinal changes in the developing red kangaroo (*Megaleia rufa*, Desmarest). *Aust. J. Expt. Biol. Med. Sci.* 50:245-249.
450. HART, L. 1937. The occurrence in New South Wales of infectious entero-hepatitis (blackhead) of chickens. *Agric. Gaz. N.S.W.* 48:705-706.
451. HART, L. 1938. *Eimeria tenella* infection in chickens eight days old. *Aust. Vet. J.* 14:74.
452. HART, L. 1939. Coccidiosis of adult fowls. *Aust. Vet. J.* 15:30-34.
453. HART, L. 1940. *Trichomonas* infection in an introduced Indian dove (*Turtur suratensis*). *Aust. Vet. J.* 16:127.
454. HART, L. 1945. A symposium on poultry diseases. *Aust. Vet. J.* 21:15-18.
455. HARTLEY, W.J. & KATER, J.C. 1965. Diseases of the central nervous system of sheep. *Aust. Vet. J.* 41:107-111.
456. HARTLEY, W.J. & MOYLE, G. 1968. Observations on an outbreak of ovine congenital toxoplasmosis. *Aust. Vet. J.* 44:105-107.
457. HARTLEY, W.J. & MOYLE, G.G. 1974. Further observations on the epidemiology of ovine *Toxoplasma* infection. *Aust. J. Exptl. Biol. Md. Sci.* 52:647-653.
458. HARTLEY, W.J. & BLAKEMORE, W.F. 1974. An unidentified sporozoan encephalomyelitis in sheep. *Vet. Path.* 11:1-12.

459. HARTLEY, W.J. & MUNDAY, B.L. 1974. Felidae in the dissemination of toxoplasmosis to man and other animals. *Aust. Vet. J.* 50:224-228.
460. HARTLEY, W.J. & BRIDGE, P.S. 1975. A case of suspected congenital *Toxoplasma* encephalomyelitis in a lamb associated with a spinal cord anomaly. *Brit. Vet. J.* 131:380-384.
461. HARTLEY, W.J., REDDAKLIFF, G.L., FINNIE, E.P. & TURNER, D. 1981. Suspected lethal *Leucocytozoon* infection in the pied currawong (*Strepera graculina*). Pp 95-97 in Fowler, M.E. (ed.) *Wildlife Diseases of the Pacific Basin and other Countries*. (Proc. 4th. Int. Conf. Wildlife Dis. Assoc.: Sydney).
462. HARTLEY, W.J., DUBEY, J.P. & SPIELMAN, D.S. 1990. Fatal toxoplasmosis in koalas (*Phascolarctos cinereus*). *J. Parasitol.* 76:271-272.
463. HARTLEY, W.J. & DUBEY, J.P. 1991. Fatal toxoplasmosis in some native Australian birds. *J. Vet. Diagn. Invest.* 3:167-169.
464. HASWELL, W.A. 1890. On a remarkable flat-worm parasitic in the golden frog. *Proc. Linn. Soc. N.S.W.* 5:661-666.
465. HASWELL, W.A. 1901. Notes on the fauna of the gill cavities of freshwater crayfishes. *Rep. Aust. Assoc. Adv. Sci.* 8:235-237.
466. HAWKESFORD, T. & GOLDSMID, J.M. 1995. Cryptosporidiosis in Tasmania. *Aust. J. Med. Sci.* 16:76-78.
467. HEALEY, J.S. & WILSON, J.M. 1960. Field investigations into infertility of dairy cattle in north eastern New South Wales. *Aust. Vet. J.* 36:447-454.
468. HEALEY, A., MITCHELL, R., UPCROFT, J.A., BOREHAM, P.F.L. & UPCROFT, P. 1990. Complete nucleotide sequence of the ribosomal RNA tandem repeat unit from *Giardia intestinalis*. *Nucleic Acids Res.* 18:4006.
469. HEIN, W.R. & CARGILL, C.F. 1981. An abattoir survey of diseases of feral goats. *Aust. Vet. J.* 57:498-503.
470. HELLARD, M.E. & FAIRLEY, C.K. 1997. Gastroenteritis in Australia: who, what, where, and how much? *Aust. N.Z. J. Med.* 27:147-149.
471. HENDERSON, G.M., GULLAND, F.M.D. & HAWKEY, C.M. 1988. Haematological findings in budgerigars with *Megabacterium* and *Trichomonas* infections associated with 'going light'. *Vet. Rec.* 123:492-494.
472. HERBERT, B. 1987. Notes on diseases and epibionts of *Cherax quadricarinatus* and *C. tenuimanus* (Decapoda: Parastacidae). *Aquaculture* 64:165-173.
473. HERBERT, B.W. 1988. Infection of *Cherax quadricarinatus* (Decapoda: Parastacidae) by the microsporidium *Thelohania* sp. (Microsporida: Nosematidae). *J. Fish Dis.* 11:301-308.
474. HEUPEL, M.R. & BENNETT, M.B. 1996. A myxosporean parasite (Myxosporaea: Multivalvulida) in the skeletal muscle of epaulette sharks, *Hemiscyllium ocellatum* (Bonnaterre), from the Great Barrier Reef. *J. Fish Dis.* 19:189-191.
475. HEYDON, G.M. & GREEN, A.K. 1931. Some worm infestations of man in Australia. *Med. J. Aust.* 1:619-628.
476. HILL, M.W.M. & BOLTON, B.L. 1966. Canine babesiosis in Queensland. *Aust. Vet. J.* 42:84-86.
477. HILL, M.W.M. & BOLTON, B.L. 1966. Canine babesiosis in Queensland. *Aust. Vet. J.* 42:391-392.
478. HILL, B.D., FRASER, I.R. & PRIOR, H.C. 1997. *Cryptosporidium* infection in a dugong (*Dugong dugon*). *Aust. Vet. J.* 75:670-671.
479. HILL, B.D., GREEN, P.E. & LUCKE, H.A. 1997. Hepatitis in the green tree frog (*Litoria caerulea*) associated with infection by a species of *Myxidium*. *Aust. Vet. J.* 75:910-911.
480. HILLYER, E.V., ANDERSON, M.P., GREINER, E.C., ATKINSON, C.T. & FRENKEL, J.K. 1991. An outbreak of *Sarcocystis* in a collection of psittacines. *J. Zoo Wildl. Med.* 22:434-445.
481. HINE, P.M. 1980. A review of some species of *Myxidium* Butschli, 1882 (Myxozosporaea) from eels (*Anguilla* spp.). *J. Protozool.* 27:260-267.
482. HIRAI, K., SAWA, H., YAMASHITA, T., SHIMAKURA, S. & HASHIMOTO, A. 1980. *Giardia* infection in budgerigars (*Melopsittacus undulatus*). *Jpn. J. Vet. Sci.* 42:615-617.
483. HOARE, C.A. 1972. *The Trypanosomes of Mammals*. A Zoological Monograph. (Blackwell Scientific Publishers: Oxford).
484. HOBBS, R.P. & TWIGG, L.E. 1998. *Coccidia (Eimeria spp.) of wild rabbits in southwestern Australia*. *Aust. Vet. J.* 76:209-210.
485. HOGAN, M.E., SCHULZ, M.W., SLAYTOR, M., CZOLIJ, R.T. & O'BRIEN, R.W. 1988. Components of termite and protozoal cellulases from the lower termite, *Coptotermes lacteus* Froggatt. *Insect Biochem.* 18:45-51.
486. HOLMES, F.O. 1931. *Herpetomonas bancrofti* n. sp. from the latex of a ficus in Queensland. *Contr. Boyce Thompson Inst.* 3:375-384.
487. HOLZ, P.H. 1997. Disseminated granulomas caused by protozoan megaloschizonts in superb lyrebirds (*Menura novaehollandiae*). *Aust. Vet. J.* 75:672-673.
488. HOPKINS, R.M., DEPLAZES, P., MELONI, B.P., REYNOLDS, J.A. & THOMPSON, R.C.A. 1993. A field and laboratory evaluation of a commercial ELISA for the detection of *Giardia* coproantigens in humans and dogs. *Trans. Roy. Soc. Trop. Med. Hyg.* 87:39-41.
489. HOPKINS, R.M., THOMPSON, R.C.A., HOBBS, R.P., LYMBERY, A.J., VILLA, N. & SMITHYMAN, T.M. 1993. Differences in antigen expression within and between 10 isolates of *Giardia duodenalis*. *Acta*

- Tropica 54:117-124.
490. HOPKINS, R.M., MELONI, B.P., GROTH, D.M., WETHERALL, J.D., REYNOLDS, J.A. & THOMPSON, R.C.A. 1997. Ribosomal RNA sequencing reveals differences between the genotypes of *Giardia* isolates recovered from humans and dogs living in the same locality. *J. Parasitol.* 83:44-51.
491. HORNING, E.S. 1925. The mitochondria of a protozoan (*Opalina*) and their behaviour during the life cycle. *Aust. J. Exptl. Biol. Med. Sci.* 2:167-171.
492. HORWITZ, P. 1990. The translocation of freshwater crayfish in Australia: potential impact, the need for control and global relevance. *Biol. Conserv.* 54:291-305.
493. HOWE, P.A. 1980. Coccidiosis in goats. Pp 285-288 in Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
494. HOWELL, M.J. & ROWELL, A.M. 1976. Toxoplasmosis in Canberra. *Med. J. Aust.* 2:465.
495. HOYNE, G.F., BOREHAM, P.F.L., PARSONS, P.G., WARD, C. & BIGGS, B. 1989. The effect of drugs on the cell cycle of *Giardia intestinalis*. *Parasitol.* 99:333-339.
496. HOYTE, H.M.D. 1961. Initial development of infections with *Babesia bigemina*. *J. Protozool.* 8:462-466.
497. HOYTE, H.M.D. 1965. Further observations on the initial development of infections with *Babesia bigemina*. *J. Protozool.* 12:83-85.
498. HOYTE, H.M.D. 1971. The infectivity of *Theileria mutans*, *Eperythrozoon wenyoni* and *E. tejanodes* to sheep and of *E. ovis* to cattle. *Brit. Vet. J.* 127:lv-lvii.
499. HOYTE, H.M.D. 1971. Differential diagnosis of *Babesia argentina* and *Babesia bigemina* infections in cattle using thin blood smears and brain smears. *Aust. Vet. J.* 47:248-250.
500. HOYTE, H.M.D. 1976. The tick-fever parasites of cattle. *Proc. Roy. Soc. Qld.* 87:5-13.
501. HUDSON, D.A. & LESTER, R.J.G. 1992. Relationships between water quality parameters and ectocommensal ciliates on prawns (*Penaeus japonicus* Bate) in aquaculture. *Aquaculture* 105:269-280.
502. HUDSON, D.A., HUDSON, N.B. & SHIELDS, J.D. 1993. Infection of *Trapezia* spp. (Decapoda: Xanthidae) by *Hematodinium* sp. (Duboscquodinida: Syndinidae): a new family record of infection. *J. Fish Dis.* 16:273-276.
503. HUDSON, D.A. & SHIELDS, J.D. 1994. *Haematodinium australis* n. sp., a parasitic dinoflagellate of the sand crab *Portunus pelagicus* from Moreton Bay, Australia. *Dis. Aquat. Org.* 19:109-119.
504. HUDSON, D.A. & LESTER, R.J.G. 1994. Parasites and symbionts of wild mud crabs *Scylla serrata* (Forsk.) of potential significance in aquaculture. *Aquaculture* 120:183-199.
505. HUDSON, D.A. & ADLARD, R.D. 1994. PCR techniques applied to *Hematodinium* spp. and *Hematodinium*-like dinoflagellates in decapod crustaceans. *Dis. Aquat. Org.* 20:203-206.
506. HUDSON, D.A. & ADLARD, R.D. 1996. Nucleotide sequence determination of the partial SSU rDNA gene and ITS1 region of *Hematodinium* cf. *perezii* and *Hematodinium*-like dinoflagellates. *Dis. Aquat. Org.* 24:55-60.
507. HUGER, A.M. & LENZ, M. 1976. Nachweis einer Colomgregarine (Protozoa: Sporozoa) bei der australischen Termiten *Coptotermes acinaciformis* (Isoptera: Rhinotermitidae). *Z. Ang. Entomol.* 81:252-258.
508. HUMPHREY, J.D. 1986. Fish health, disease control and aquaculture. Pp 107-114 in *Freshwater Aquaculture in Australia*. (Rural Press Queensland: Brisbane).
509. HUMPHREY, J.D. 1988. Disease risks associated with translocation of shellfish, with special reference to the giant clam *Tridacna gigas*. Pp 241-244 in Copland, J. & Lucas, J.S. (ed.) *Giants Clams in Asia and the Pacific*. Australian Centre for International Agricultural Research, Monograph Series (Craftsman Press: Canberra).
510. HUMPHRY, A.H. 1964. Malaria in the Northern Territory, with special reference to the outbreaks of 1955-1957. *Med. J. Aust.* 1:703-711.
511. HUNGERFORD, T.G. 1941. Coccidiosis. A serious disease of chickens. *Agric. Gaz. N.S.W.* 52:389-391.
512. HUNT, J.S. & COLLINS, W. 1896. Report on tick fever. Report of Special Commission of Queensland Government to USA. (Govt. Printer, Brisbane).
513. HUNT, J.S. 1897. Inoculation for tick fever. The prospects and problems. *Qld. Agric. J.* 1:404-411.
514. HUNT, J.S. 1898. Notes on the natural history and prevention of Texas fever. *Qld. Agric. J.* 3:446-456.
515. HUNT, J.S. 1898. Progress report on the reproductive forms of the micro-organism of tick fever, with some observations on the relationships and nomenclature of that disease. *Qld. Agric. J.* 2:211-220.
516. HUNT, S. & O'GRADY, J. 1976. Coccidiosis in pigeons due to *Eimeria labbeana*. *Aust. Vet. J.* 52:390.
517. IRWIN, P.J. 1991. Canine babesiosis in Australia. *Aust. Vet. Practit.* 21:98.
518. ISBISTER, J.L.T. 1898. Pathological notes upon the above case of amoebic abscess of the liver and lung. *Aust. Med. Gaz.* 17:512-513.

519. JACOB-HOFF, R.M. & DUNSMORE, J.D. 1983. Epidemiological aspects of toxoplasmosis in southern Western Australia. *Aust. Vet. J.* 60:217-218.
520. JAKES, K.A. 1998. *Sarcocystis mucosa* in Bennetts wallabies and pademelons from Tasmania. *J. Wildlife Dis.* 34:594-599.
521. JAKSCH, W. 1953. Klinische und serologische Beobachtungen bei Toxoplasmosen von Bennett-Kanguruhs in einem Tiergarten. *Wein. Tierarztl. Msch.* 40:593-600.
522. JAMIESON, S. 1915. Malaria arising in a non-malarial district. *Med. J. Aust.* 1:163-164.
523. JAMIESON, A. & ANDERSON, K. 1973. A method for the isolation of *Naegleria* species from water samples. *Pathol.* 5:55-58.
524. JAMIESON, A. & ANDERSON, K. 1974. Primary amoebic meningoencephalitis. *Lancet* 1:261.
525. JEFFRIES, A.C., AMARO, N., TENTER, A.M. & JOHNSON, A.M. 1996. Genetic diversity in *Sarcocystis gigantea* assessed by RFLP analysis of the ITS1 region. *Appl. Parasitol.* 37:275-283.
526. JENNINGS, J.B. & CANNON, L.R.G. 1985. Observations on the occurrence, nutritional physiology and respiratory pigment of three species of flatworms (Rhabdocoela: Pterastericolidae) entosymbiotic in starfish from temperate and tropical waters. *Ophelia* 24:199-215.
527. JENNIS, F. 1963. Toxoplasmosis in New South Wales. A serological survey. *Aust. J. Exptl. Biol.* 41:187-198.
528. JENSEN, J.M., PATTON, S., WRIGHT, B.G. & LOEFFLER, D.G. 1985. Toxoplasmosis in marsupials in a zoological collection. *J. Zoo Anim. Med.* 16:129-131.
529. JERRETT, I.V. & SNODGRASS, D.R. 1981. Cryptosporidia associated with outbreaks of neonatal calf diarrhoea. *Aust. Vet. J.* 57:434-435.
530. JERRETT, I.V., MCORIST, S., WADDINGTON, J., BROWNING, J.W., MALECKI, J.C. & MCCAUSLAND, I.P. 1984. Diagnostic studies of the fetus, placenta and maternal blood from 265 bovine abortions. *Cornell Vet.* 74:8-20.
531. JOACHIM, A., TENTER, A.M., JEFFRIES, A.C. & JOHNSON, A.M. 1996. A RAPD-PCR derived marker can differentiate between pathogenic and non-pathogenic *Sarcocystis* species of sheep. *Mol. Cell. Probes* 10:165-172.
532. JOHN, D.T. 1993. Opportunistically pathogenic free-living amoebae. Pp 143-246 in Kreier, J.P. & Baker, J.R. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
533. JOHNSON, E.A. 1907. A trypanosome found in the River Murray turtle (*Chelonia longicollis*). *Aust. Med. Gaz.* 26:26.
534. JOHNSON, A.M. 1979. The incidence of anti-*Toxoplasma* antibody in the Australian population. *Med. J. Aust.* 1:527.
535. JOHNSON, A.M., MCDONALD, P.J. & NEOH, S.H. 1979. Kinetics of the growth of *Toxoplasma gondii* (Rh strain) in mice. *Int. J. Parasitol.* 9:55-56.
536. JOHNSON, A.M., ROBERTS, H., WETHERALL, B., MCDONALD, P.J. & NEED, J.A. 1979. Relationship between spontaneous abortion and presence of antibody to *Toxoplasma gondii*. *Med. J. Aust.* 1:579-580.
537. JOHNSON, A.M., ROBERTS, H. & MCDONALD, P.J. 1980. Age-sex distribution of *Toxoplasma* antibody in the South Australian population. *J. Hyg. Camb.* 84:315-320.
538. JOHNSON, A.M., MCDONALD, P.J. & NEOH, S.H. 1981. Molecular weight analysis of the major polypeptides and glycopeptides of *Toxoplasma gondii*. *Biochem. Biophys. Res. Comm.* 100:934-943.
539. JOHNSON, A.M., MCDONALD, P.J. & NEOH, S.H. 1983. Monoclonal antibodies to *Toxoplasma* cell membrane surface antigens protect mice from toxoplasmosis. *J. Protozool.* 30:351-356.
540. JOHNSON, A.M., MCDONALD, P.J. & NEOH, S.H. 1983. Molecular weight analysis of soluble antigens from *Toxoplasma gondii*. *J. Parasitol.* 69:459-464.
541. JOHNSON, A.M., HAYNES, W.D., LEPPARD, P.J., MCDONALD, P.J. & NEOH, S.H. 1983. Ultrastructural and biochemical studies on the immunohistochemistry of *Toxoplasma gondii* antigens using monoclonal antibodies. *Histochemistry* 77:209-215.
542. JOHNSON, A.M. 1984. Strain-dependent, route of challenge-dependent murine susceptibility to toxoplasmosis. *Z. Parasitenkd.* 70:303-309.
543. JOHNSON, A.M. 1985. The antigenic structure of *Toxoplasma gondii*: a review. *Pathol.* 17:9-19.
544. JOHNSON, A.M., ROBERTS, H., P.J., M. & ROTHE, J. 1985. Detection of *Toxoplasma*-specific IgM in cord blood sera by antibody-class capture enzyme-linked immunosorbent assay. *Pathol.* 17:586-589.
545. JOHNSON, A.M., MCDONALD, P.J. & ILLANA, S. 1986. Characterization and *in vitro* translation of *Toxoplasma gondii* ribonucleic acid. *Mol. Biochem. Parasitol.* 18:313-320.
546. JOHNSON, A.M., ILLANA, S., DUBEY, J.P. & DAME, J.B. 1987. *Toxoplasma gondii* and *Hammondia hammondi*: DNA comparison using cloned rRNA gene probes. *Exptl. Parasitol.* 63:272-278.
547. JOHNSON, A.M., GU, Q.M. & ROBERTS, H. 1987. Antibody patterns in the serological diagnosis of acute lymphadenopathic toxoplasmosis. *Aust. N. Z. J. Med.* 17:430-434.

548. JOHNSON, A.M., MURRAY, P.J., ILLANA, S. & BAVERSTOCK, P.J. 1987. Rapid nucleotide sequence analysis of the small subunit ribosomal RNA of *Toxoplasma gondii*: evolutionary implications for the Apicomplexa. *Mol. Biochem. Parasitol.* 25:239-246.
549. JOHNSON, A.M., ILLANA, S., HAKENDORF, P. & BAVERSTOCK, P.R. 1988. Phylogenetic relationships of the apicomplexan protist *Sarcocystis* as determined by small subunit ribosomal RNA comparison. *J. Parasitol.* 74:847-860.
550. JOHNSON, A.M. 1988. Pathogenicity of *Toxoplasma gondii* cysts and oocysts measured by fever and weight loss in mice. *Int. J. Parasitol.* 18:865-868.
551. JOHNSON, A.M., ROBERTS, H. & MUNDAY, B.L. 1988. Prevalence of *Toxoplasma gondii* antibody in wild macropods. *Aust. Vet. J.* 65:199-201.
552. JOHNSON, A.M., THANOU, A., BOREHAM, P.F.L. & BAVERSTOCK, P.R. 1989. *Blastocystis hominis*: phylogenetic affinities determined by rRNA sequence comparison. *Exptl. Parasitol.* 68:283-288.
553. JOHNSON, A.M., ROBERTS, H., STATHAM, P. & MUNDAY, B.L. 1989. Serodiagnosis of acute toxoplasmosis in macropods. *Vet. Parasitol.* 34:25-33.
554. JOHNSON, A.M., FIELKE, R., LUMB, R. & BAVERSTOCK, P.R. 1990. Phylogenetic relationships of *Cryptosporidium* determined by ribosomal RNA sequence comparison. *Int. J. Parasitol.* 20:141-147.
555. JOHNSON, A.M., PHILLIPS, P. & JENKINS, D. 1990. Prevalence of *Toxoplasma gondii* antibodies in dingoes. *J. Wildl. Dis.* 26:383-386.
556. JOHNSON, A.M., FIELKE, R., CHRISTY, P.E., ROBINSON, B. & BAVERSTOCK, P.R. 1990. Small subunit ribosomal RNA evolution in the genus *Acanthamoeba*. *J. Gen. Microbiol.* 136:1689-1698.
557. JOHNSON, A.M., FIELKE, R., ELLIS, J., O'DONOGHUE, P.J. & BAVERSTOCK, P.R. 1991. The phylogenetic relationships of the genus *Eimeria* based on comparison of partial sequences of 18S rRNA. *Syst. Parasitol.* 18:1-8.
558. JOHNSON, A.M. & ILLANA, S. 1991. Cloning of *Toxoplasma gondii* gene fragments encoding diagnostic antigens. *Gene* 99:127-132.
559. JOHNSON, A.M., ROBERTS, H. & TENTER, A.M. 1992. Evaluation of a recombinant antigen ELISA for the diagnosis of acute toxoplasmosis and comparison with traditional antigen ELISAs. *J. Med. Microbiol.* 37:404-409.
560. JOHNSON, A.M. 1997. Speculation on possible life-cycles for the clonal lineages in the genus *Toxoplasma*. *Parasitol. Today* 13:393-397.
561. JOHNSTON, T.H. 1909. (Exhibit of *Myxobolus*). *Proc. Roy. Soc. N.S.W.* 43:29.
562. JOHNSTON, T.H. 1909. Notes on some Australian parasites. *Agric. Gazette N.S.W.* 20:581-584.
563. JOHNSTON, T.H. 1909. The entozoa of Monotremata and Australian Marsupialia. No. 1. *Proc. Linn. Soc. N.S.W.* 34:514-523.
564. JOHNSTON, T.H. & CLELAND, J.B. 1909. On a new melanin-producing haematozoon from an Australian tortoise. *J. Roy. Soc. N.S.W.* 43:97-103.
565. JOHNSTON, T.H. 1909. On some new haemogregarines from Australian reptiles. *Proc. Linn. Soc. N.S.W.* 34:400-410.
566. JOHNSTON, T.H. 1909. On a new haemoprotozoan. *Rec. Aust. Mus.* 7:257-259.
567. JOHNSTON, T.H. 1909. Notes on Australian entozoa. No. 1. *Rec. Aust. Mus.* 7:329-344.
568. JOHNSTON, T.H. & CLELAND, J.B. 1909. Notes on some parasitic protozoa. *Proc. Linn. Soc. N.S.W.* 34:500-513.
569. JOHNSTON, T.H. 1909/10. Notes and exhibits of entozoa. *Proc. Linn. Soc. N.S.W.* 34:217-219, 412-413, 417-418, 590-591.
570. JOHNSTON, T.H. & CLELAND, J.B. 1910. Protozoal infections. *Rep. Govt. Bur. Microbiol.* (1909):31-46.
571. JOHNSTON, T.H. 1910. On Australian avian entozoa. *J. Roy. Soc. N.S.W.* 44:84-122.
572. JOHNSTON, T.H. & CLELAND, J.B. 1910. The haematozoa of Australian Reptilia. No. 1. *Proc. Linn. Soc. N.S.W.* 35:677-685.
573. JOHNSTON, T.H. 1910. Notes on some Australian parasites. *Agric. Gaz. N.S.W.* 20:349-353.
574. JOHNSTON, T.H. & CLELAND, J.B. 1910. The haematozoa of Australian fish. No. 1. *Proc. Roy. Soc. N.S.W.* 44:406-415.
575. JOHNSTON, T.H. & CLELAND, J.B. 1911. The haematozoa of Australian Reptilia. No. II. *Proc. Linn. Soc. N.S.W.* 36:479-491.
576. JOHNSTON, T.H. 1911. The entozoa of Monotremata and Australian Marsupialia. No. 2. *Proc. Linn. Soc. N.S.W.* 36:47-57.
577. JOHNSTON, T.H. 1912. A census of Australian reptilian entozoa. *Proc. Roy. Soc. Qld.* 23:233-249.
578. JOHNSTON, T.H. 1912. On Australian avian entozoa. *Rep. Govt. Bur. Microbiol.* (1912):122-136.
579. JOHNSTON, T.H. 1912. Internal parasites recorded from Australian birds. *Emu* 12:105-112.
580. JOHNSTON, T.H. 1912. Notes on some entozoa. *Proc. Roy. Soc. Qld.* 24:63-91.
581. JOHNSTON, T.H. 1916. A census of the endoparasites recorded as occurring in Queensland, arranged under their hosts. *Proc. Roy. Soc. Qld.* 28:31-79.

582. JOHNSTON, T.H. & BANCROFT, M.J. 1918. A parasite, *Myxobolus hylae* sp. nov., of the reproductive organs of the golden swamp frog, *Hylea aurea*. Aust. Zool. 1:171-175.
583. JOHNSTON, T.H. 1918. Notes on certain entozoa of rats and mice, together with a catalogue of the internal parasites recorded as occurring in rodents in Australia. Proc. Roy. Soc. Qld. 30:53-78.
584. JOHNSTON, T.H. & BANCROFT, M.J. 1918. Some new sporozoan parasites of Queensland freshwater fish. J. Roy. Soc. N.S.W. 52:520-528.
585. JOHNSTON, T.H. 1926. Note on the occurrence of coccidiosis in South Australian sheep. Rep. Aust. Assoc. Adv. Sci. (1924) 17:712-714.
586. JOHNSTON, T.H. 1932. The parasites of the "stumpy-tail" lizard *Trachysaurus rugosus*. Trans. Roy. Soc. S.A. 56:62-70.
587. JOHNSTON, L.A.Y. 1968. The incidence of clinical babesiosis in cattle in Queensland. Aust. Vet. J. 44:265-267.
588. JOHNSTON, L.A.Y. & TAMMEMAGI, L. 1969. Bovine babesiosis: duration of latent infection and immunity to *Babesia argentina*. Aust. Vet. J. 45:445-449.
589. JOHNSTON, L.A.Y., PEARSON, R.D. & LEATCH, G. 1973. A comparison of indirect, direct inhibition and labelled anticomplement fluorescent antibody tests in the detection of *Babesia argentina* infection in cattle. Aust. Vet. J. 49:421-423.
590. JOHNSTON, L.A.Y., PEARSON, R.D. & LEATCH, G. 1973. Evaluation of an indirect fluorescent antibody test for detecting *Babesia argentina* infection in cattle. Aust. Vet. J. 49:373-377.
591. JOHNSTON, L.A.Y., TRUEMAN, K.F. & PEARSON, R.D. 1977. Bovine babesiosis: comparison of fluorescent antibody and Giemsa staining in post-mortem diagnosis of infection. Aust. Vet. J. 53:222-226.
592. JOHNSTON, L.A.Y., LEATCH, G. & JONES, P.N. 1978. The duration of latent infection and functional immunity in Droughtmaster and Hereford cattle following natural infection with *Babesia argentina* and *Babesia bigemina*. Aust. Vet. J. 54:14-18.
593. JOHNSTON, J. & GASSER, R.B. 1993. Copro-parasitological survey of dogs in southern Victoria. Aust. Vet. Practit. 23:127-131.
594. JONES, G.W., PARKER, R.J. & PARKE, C.R. 1985. Coccidia associated with enteritis in grower pigs. Aust. Vet. J. 62:319.
595. JONES, G.W. & PARKER, R.J. 1985. *Eimeria canadensis* in calves. Aust. Vet. J. 62:142.
596. JONES, H.I. & WOEHLE, E.J. 1989. A new species of blood trypanosome from little penguins (*Eudyptula minor*) in Tasmania. J. Protozool. 36:389-390.
597. JONES, S.H., LEW, A.E., JORGENSEN, W.K. & BARKER, S.C. 1997. *Babesia bovis*: genome size, number of chromosomes and telomeric probe hybridisation. Int. J. Parasitol. 27:1569-1573.
598. JORGENSEN, W.K., DEVOS, A.J. & DALGLIESH, R.J. 1989. Comparison of immunogenicity and virulence between *Babesia bigemina* parasites from continuous culture and from a splenectomised calf. Aust. Vet. J. 66:371-372.
599. JORGENSEN, K., DEVOS, A.J. & DALGLIESH, R.J. 1989. Infectivity of cryopreserved *Babesia bovis*, *Babesia bigemina* and *Anaplasma centrale* for cattle after thawing, dilution and incubation at 30°C. Vet. Parasitol. 31:243-251.
600. JORGENSEN, W.K., BOCK, R.E., KINGSTON, T.G., DEVOS, A.J. & WALDRON, S.J. 1993. Assessment of tetracycline and *Babesia* culture supernatant as prophylactics for moderating reactions in cattle to live *Babesia* and *Anaplasma* vaccines. Aust. Vet. J. 70:35-36.
601. JORGENSEN, W.K., STEWART, N.P., JESTON, P.J., MOLLOY, J.B., BLIGHT, G.W. & DALGLIESH, R.J. 1997. Isolation and pathogenicity of Australian strains of *Eimeria praecox* and *Eimeria mitis*. Aust. Vet. J. 75:592-595.
602. JORGENSEN, W.K., JESTON, P.J., BOWLES, P.M., CROFT, J., LEW, A.E., MOLLOY, J.B. & DALGLIESH, R.J. 1998. Relationships between vaccine and virulent strains of *Babesia bovis* during co-infection in calves. Aust. Vet. J. 76:57-58.
603. KAHL, L.P., ANDERS, R.F., RODWELL, B.J., TIMMS, P. & MITCHELL, G.F. 1982. Variable and common antigens of *Babesia bovis* parasites differing in strain and virulence. J. Immunol. 129:1700-1705.
604. KAHL, L.P., ANDERS, R.F., CALLOW, L.L., RODWELL, B.J. & MITCHELL, G.F. 1982. Development of a solid-phase radioimmunoassay for antibody to antigens of *Babesia bovis* infected bovine erythrocytes. Int. J. Parasitol. 12:103-109.
605. KAKOMA, I. & MEHLHORN, H. 1994. *Babesia* of domestic animals. Pp 141-216 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
606. KALYAKIN, V.N. & ZASUKHIN, D.N. 1975. Distribution of *Sarcocystis* (Protozoa: Sporozoa) in vertebrates. Fol. Parasitol. (Praha) 22:289-307.
607. KANE, J.R. 1965. The genus *Lagenophrys* Stein, 1852 (Ciliata, Peritricha) on Australian Parastacidae. J. Protozool. 12:109-122.
608. KANYARI, P.W.N. 1988. Coccidiosis in goats and aspects of epidemiology. Aust. Vet. J. 65:257-258.

609. KENT, M.L., MOSER, M. & FOURNIE, J.W. 1989. Coccidian parasites (Apicomplexa: Eucoccidiorida) in hardy head fish, *Atherinomorus capricornensis* (Woodland). J. Fish Dis. 12:179-183.
610. KENT, M.L. & MOSER, M. 1990. *Ortholinea alata* n. sp. (Myxosporea: Ortholineidae) in the northern butterfly fish *Chaetodon rainfordi*. J. Protozool. 37:49-51.
611. KETTLE, D.S. & PIPER, R.G. 1988. Light and electron microscope studies on three new species of microsporidia from saltmarsh mosquitoes in Australia. Europ. J. Protistol. 23:229-241.
612. KIMMERER, W.J. & MCKINNON, A.D. 1990. High mortality in a copepod population caused by a parasitic dinoflagellate. Marine Biol. 107:449-452.
613. KIRBY, H. & HONIGBERG, B. 1950. Intestinal flagellates from a wallaroo, *Macropus robustus* Gould. Univ. Calif. Pub. Zool. 50:35-66.
614. KNOPE, P.M., BROWN, G.V., HOWARD, R.J. & MITCHELL, G.F. 1979. Immunoprecipitation of biosynthetically-labelled products in the identification of antigens of murine red cells infected with the protozoan parasite, *Plasmodium berghei*. Aust. J. Expt. Biol. Med. Sci. 57:603-615.
615. KOTLER, D.P. & ORENSTEIN, J.M. 1998. Clinical syndromes associated with microsporidiosis. Ad. Parasitol. 40:321-349.
616. KULDA, J. & NOHYNKOVA, E. 1995. *Giardia* in humans and animals. Pp 225-422 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
617. LABBE, A. 1899. Sporozoa. Pp 1-180 in Schulze, F.E. & Butschli, O. (ed.) Das Tierreich. Eine Zusammenstellung und Kennzeichnung der rezenten Tierformen. Vol. 5. (Friedlander & Sohn: Berlin).
618. LADDS, P.W., DENNETT, D.P. & GLAZEBROOK, J.S. 1973. A survey of the genitalia of bulls in northern Australia. Aust. Vet. J. 49:335-340.
619. LADDS, P.W., DONOVAN, J.A., REYNOLDS, A. & TURTON, J.A. 1994. Giant cell enteritis in young crocodiles. Aust. Vet. J. 71:300-301.
620. LAHAYE, C.A., HOLLAND, N.D. & MCLEAN, N. 1984. Electron microscopic study of *Haplosporidium comatulae* n. sp. (Phylum Ascetospora: Class Stelatosporia), a haplosporidian endoparasite of an Australian crinoid, *Oligometra serripinna* (Phylum Echinodermata). Protistologica 20:507-515.
621. LAKE, B. 1963. The diagnosis of adult toxoplasmosis. Med. J. Aust. 2:269-271.
622. LANDAU, I., ROSIN, G., MILTGEN, F., HUGOT, J.P., LEGER, N., BEVERIDGE, I. & BACCAM, D. 1980. Sur le genre *Polychromophilus* (Haemoproteidae, parasite de Microchiropteres). Ann. Parasitol. Hum. Comp. 55:13-32.
623. LANDAU, I., HUMPHERY-SMITH, I., CHABAUD, A.G., MILTGEN, F., COPEMAN, B. & BOULARD, Y. 1985. Description et transmission experimentale de l'haemoproteide *Hepaticystis levinei* n. sp. Ann. Parasitol. Hum. Comp. 60:373-382.
624. LANGDON, J.S., GUDKOV, N., HUMPHREY, J.D. & SAXON, E.C. 1985. Deaths in Australian freshwater fishes associated with *Chilodonella hexasticha* infection. Aust. Vet. J. 62:409-413.
625. LANGDON, J.S. 1987. Spinal curvatures and an encephalotropic myxosporean, *Triangula percae* sp. nov. (Myxozoa: Ortholineidae), enzootic in redfin perch, *Perca fluviatilis* L., in Australia. J. Fish Dis. 10:425-434.
626. LANGDON, J.S. 1988. Investigation of fish kills. Pp 168-176 in Fish Diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
627. LANGDON, J.S. 1988. Diseases of introduced Australian fish. Pp 225-276 in Fish Diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
628. LANGDON, J.S. 1990. Major protozoan and metazoan parasitic diseases of Australian finfish. Pp 233-255 in Munday, B.L. (ed.) Fin Fish Diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
629. LANGDON, J.S. 1990. Observations on new *Myxobolus* species and *Kudoa* species infecting the nervous system of Australian fishes. J. Appl. Ichthyol. 6:107-116.
630. LANGDON, J.S. 1991. Description of *Vavraia parastacida* sp. nov. (Microspora: Pleistophoridae) from marron, *Cherax tenuimanus* (Smith), (Decapoda: Parastacidae). J. Fish Dis. 14:619-629.
631. LANGDON, J.S. 1991. Microsporidiosis due to a pleistophorid in marron, *Cherax tenuimanus* (Smith), (Decapoda: Parastacidae). J. Fish Dis. 14:33-44.
632. LANGDON, J.S. 1991. Myoliquefaction post-mortem ('milky flesh') due to *Kudoa thyrsites* (Gilchrist) (Myxosporea: Multivalvulida) in mahi mahi, *Coryphaena hippurus* L. J. Fish Dis. 14:45-54.
633. LANGDON, J.S. 1991. Diseases of mahi mahi or common dolphin fish, *Coryphaena hippurus*, in Australia. Fish. Res. Bull. Fish. Dept. W.A. 29:1-17.
634. LANGDON, J.S. 1992. Major protozoan and metazoan parasitic diseases of Australian finfish. Pp 1-26 in Fin Fish Workshop, Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).

635. LANGDON, J.S. & THORNE, T. 1992. Experimental transmission *per os* of microsporidiosis due to *Vavraia parastacida* in the marron, *Cherax tenuimanus* (Smith), and yabby, *Cherax albidus* Clark. J. Fish Dis. 15:315-322.
636. LANGDON, J.S., THORNE, T. & FLETCHER, W.J. 1992. Reservoir hosts and new clupeoid host records for the myoliquefactive myxosporean parasite *Kudoa thyrssites* (Gilchrist). J. Fish Dis. 15:459-471.
637. LANGDON, J.S. 1992. Pathology of fish skin, gills, heart and musculoskeletal system. Pp 111-130 in Fin Fish Workshop (Post Graduate Committee in Veterinary Science: University of Sydney).
638. LARKIN, T.S., SWEENEY, A.W. & CARRUTHERS, R.I. 1990. Simulation of epizootic dynamics of a microsporidium pathogen of mosquitoes. Pp 359-363 in Proceedings of Vth. International Colloquium on Invertebrate Pathology and Microbial Control (Society for Invertebrate Pathology: Adelaide).
639. LATIMER, K.S., STEFFENS, W.L.I., RAKICH, P.M., RITCHIE, B.W., NIAGRO, F.D., KIRCHER, I.M. & LUKERT, P.D. 1992. Cryptosporidiosis in four cockatoos with psittacine beak and feather disease. J. Am. Vet. Med. Ass. 200:707-710.
640. LAVERAN, A. 1908. Sur une hemogregarine, un trypanosome et un spirille, trouves dans le sang d'un requin. Bull. Soc. Pat. Exot. 1:148-150.
641. LAWRENCE, J. 1946. Some observations on the plasmodia and other blood parasites of sparrows. Proc. Linn. Soc. N.S.W. 71:1-5.
642. LAWRENCE, J.J. 1955. The asexual multiplication of the "malarial parasite" of Australian flying foxes. Aust. J. Sci. 18:61-62.
643. LAWRENCE, J.J. & BEARUP, A.J. 1961. A new host record for *Plasmodium relictum*: the silver gull (*Larus novae-hollandiae* Stephens). Indian J. Malariol. 15:11-19.
644. LEE, C.G. & ROSS, A.D. 1977. Renal coccidiosis of the horse associated with *Klossiella equi*. Aust. Vet. J. 53:287-288.
645. LEGG, J. 1926. Can the catte tick *Haemaphysalis bispinosa* act as the carrier of piroplasmiasis (*Piroplasma bigeminum*)? An experimental enquiry. Aust. J. Exptl. Biol. Med. Sci. 3:203-216.
646. LEGG, J. 1928. Some notes on babesiosis (*Babesia bigeminum*) of cattle. Aust. Vet. J. 4:98-103.
647. LEGG, J. 1931. The value of the blood of recovered cattle in redwater inoculation. Aust. Vet. J. 7:70-74.
648. LEGG, J. 1933. A brief review of the Piroplasms, with special reference to the types found in Australian redwater. Aust. Vet. J. 9:14-19.
649. LEGG, J. 1936. The treatment of piroplasmiasis (*P. bigeminum*) with akiron. Aust. Vet. J. 12:227-230.
650. LEGG, J. 1936. Inoculation of cattle against redwater and anaplasmosis. Qld. Agric. J. 45:32-35.
651. LEGG, J. 1939. The treatment of babesiellosis (*B. argentina*) with acaprin. Aust. Vet. J. 15:121-123.
652. LEGG, J. 1939. Recent observations on the premunization of cattle against tick-fevers in Queensland. Aust. Vet. J. 15:46-53.
653. LEGG, J. 1947. Report of the Director, Division of Animal Industry. Ann. Rep. Dept. Agric. Stock Qld. for 1946-47 (1947):42-53.
654. LESTER, R.J.G. & DAVIS, G.H.G. 1981. A new *Perkinsus* species (Apicomplexa, Perkinsea) from the abalone *Haliotis ruber*. J. Invert. Pathol. 37:181-187.
655. LESTER, R.J.G. 1982. *Unicapsula seriolae* n.sp. (Myxosporea, Multivalvulida) from Australian yellowtail kingfish *Seriola lalandi*. J. Protozool. 29:584-587.
656. LESTER, R.J.G. 1986. Abalone die-back caused by protozoan infection? Aust. Fisheries 45:26-27.
657. LESTER, R.J.G., SEWELL, K.B., BARNES, A. & EVANS, K. 1988. Stock discrimination of orange roughy, *Hoplostethus atlanticus*, by parasite analysis. Mar. Biol. 99:137-143.
658. LESTER, R.J.G. & SEWELL, K.B. 1989. Checklist of parasites from Heron Island, Great Barrier Reef. Aust. J. Zool. 37:101-128.
659. LESTER, R.J.G. & PAYNTER, J.L. 1990. Diseases of cultured prawns in Australia. Pp 97-101 in Advances in Tropical Aquaculture, Actes de Colloque (Aquacop IFREMER: Tahiti).
660. LESTER, R.J.G. 1990. Diseases of cultured molluscs in Australia. Pp 207-216 in Advances in Tropical Aquaculture, Actes de Colloques (Aquacop IFREMER: Tahiti).
661. LESTER, R.J.G., GOGGIN, C.L. & SEWELL, K.B. 1990. *Perkinsus* in Australia. Pp 189-199 in Perkins, F.O. & Cheng, T.C. (ed.) Pathology in Marine Science (Acadameic Press: San Diego).
662. LETHBRIDGE, H.O. 1931. Report of cases. *Trichomonas vaginitis*. Med. J. Aust. 1:232.
663. LEVINE, N.D. 1979. What is '*Sarcocystis mucosa*'? Ann. Trop. Med. Parasitol. 73:91-92.
664. LEW, A.E., BOCK, R.E., CROFT, J.M., MINCHIN, C.M., KINGSTON, T.G. & DALGLIESH, R.J. 1997. Genotypic diversity in field isolates of *Babesia bovis* from cattle with babesiosis after vaccination. Aust. Vet. J. 75:575-578.
665. LEWIS, J.C. 1913. Report of the Veterinary and Stock Department for 1912. Blood parasites. Rep. Admin. N.T. Aust. (1912):136-137.
666. LEWIS, R.K., SHEPHERD, S.A., O'DONOGHUE, P.J. & PHILLIPS, P.H. 1987. Protozoan parasite (*Perkinsus*) infection in abalone: a progress report. SAFISH 11:7-8.

667. LINDSAY, D.S., GASSER, R.B., HARRIGAN, K.E., MADILL, D.N. & BLAGBURN, BL. 1995. Central nervous system toxoplasmosis in roller canaries. *Avian Dis.* 39:204-207.
668. LINKS, I.J. 1982. Cyptosporidial infection of piglets. *Aust. Vet. J.* 58:60-62.
669. LOM, J., ROHDE, K. & DYKOVA, I. 1992. Studies on protozoan parasites of Australian fishes. I. New species of the genera *Coccomyxa* Leger et Hesse, 1907, *Ortholinea* Shulman, 1962 and *Kudoa* Meglitsch, 1947 (Myxozoa, Myxosporea). *Folia Parasitol.* 39:289-306.
670. LOM, J. & DYKOVA, I. 1992. Protozoan parasites of fishes. *Developments in Aquaculture and Fisheries Science*, 26 (Elsevier: Amsterdam).
671. LOM, J., ROHDE, K. & DYKOVA, I. 1993. *Crepidodinium australe* n. sp., an ectocommensal dinoflagellate from the gills of *Sillago ciliata*, an estuarine fish from the New South Wales coast of Australia. *Dis. Aquat. Org.* 15:63-72.
672. LOM, J. & DYKOVA, I. 1995. Studies on protozoan parasites of Australian fishes. Notes on coccidian parasites with description of three new species. *Syst. Parasitol.* 31:147-156.
673. LONG, P.L. 1993. Avian coccidiosis. Pp 1-88 in Kreier, J.P. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
674. LUDFORD, C.G. 1969. Fluorescent antibody staining of four *Babesia* species. *Exptl. Parasitol.* 24:327-335.
675. LUMB, R., ERLICH, J. & DAVIDSON, G.P. 1985. *Cryptosporidia* detection. *Med. J. Aust.* 142:329-330.
676. LUMB, R., SMITH, K., O'DONOGHUE, P.J. & LANSER, J.A. 1988. Ultrastructure of the attachment of *Cryptosporidium* sporozoites to tissue culture cells. *Parasitol. Res.* 74:531-536.
677. LUMB, R., LANSER, J.A. & O'DONOGHUE, P.J. 1988. Electrophoretic and immunoblot analysis of *Cryptosporidium* oocysts. *Immunol. Cell Biol.* 66:369-376.
678. LUMB, R., SMITH, P.S., DAVIES, R., O'DONOGHUE, P.J., ATKINSON, H.M. & LANSER, J.A. 1989. Localization of a 23,000 MW antigen of *Cryptosporidium* by immunoelectron microscopy. *Immunol. Cell Biol.* 67:267-270.
679. LUMB, R., SWIFT, J., JAMES, C., PAPANAOU, K. & MUKHERJEE, T. 1993. Identification of the microsporidian parasite, *Enterocytozoon bienersi* in faecal samples and intestinal biopsies from an AIDS patient. *Int. J. Parasitol.* 23:793-801.
680. LUTON, K., GLEESON, M. & JOHNSON, A.M. 1995. rRNA gene sequence heterogeneity among *Toxoplasma gondii* strains. *Parasitol. Res.* 81:310-315.
681. LYNCH, D.D. 1964. Fish diseases. (Inland Fish Comm. Report: Hobart).
682. LYONS, R.E. & JOHNSON, A.M. 1995. Heat shock proteins of *Toxoplasma gondii*. *Parasite Immunol.* 17:353-359.
683. LYONS, R.E. & JOHNSON, A.M. 1998. Gene sequence and transcription differences in 70kDa heat shock protein correlate with murine virulence of *Toxoplasma gondii*. *Int. J. Parasitol.* 28:1041-1051.
684. MACKERRAS, I.M. & MACKERRAS, M.J. 1925. The haematozoa of Australian marine Teleostei. *Proc. Linn. Soc. N.S.W.* 50:359-366.
685. MACKERRAS, M.J. & ROBERTS, F.H.S. 1947. Experimental malarial infections in Australasian anophelines. *Ann. Trop. Med. Parasitol.* 41:329-356.
686. MACKERRAS, M.J. & ERCOLE, Q.N. 1947. Observations on the action of paludrine on malarial parasites. *Trans. Roy. Soc. Trop. Med. Hyg.* 41:365-376.
687. MACKERRAS, M.J. & ERCOLE, Q.N. 1948. Observations on the development of human malarial parasites in the mosquito. I. Morphological changes. *Aust. J. Exptl. Biol. Med. Sci.* 26:439-447.
688. MACKERRAS, M.J. & ERCOLE, Q.N. 1948. Observations on the development of human malarial parasites in the mosquito. II. Factors influencing infection. *Aust. J. Exptl. Biol. Med. Sci.* 26:449-458.
689. MACKERRAS, M.J. & ERCOLE, Q.N. 1949. Some observations on the action of quinine, atebirin, and plasmoquine on *Plasmodium vivax*. *Trans. Roy. Soc. Trop. Med. Hyg.* 42:443-454.
690. MACKERRAS, M.J. & ERCOLE, Q.N. 1949. Observations on the actions of quinine, atebirin and plasmoquine on the gametocytes of *Plasmodium falciparum*. *Trans. Roy. Soc. Trop. Med. Hyg.* 42:455-463.
691. MACKERRAS, I.M., MACKERRAS, M.J. & SANDARS, D.F. 1953. Parasites of the bandicoot, *Isodon obesulus*. *Proc. Roy. Soc. Qld.* 63:61-63.
692. MACKERRAS, M.J. 1958. Catalogue of Australian mammals and their recorded internal parasites. Part I. Monotremes and marsupials. Part II. Eutheria. Part III. Introduced herbivora and the domestic pig. Part IV. *Man Proc. Linn. Soc. N.S.W.* 83:101-160.
693. MACKERRAS, M.J. 1959. The haematozoa of Australian mammals. *Aust. J. Zool.* 7:105-135.
694. MACKERRAS, M.J. & MACKERRAS, I.M. 1960. The haematozoa of Australian birds. *Aust. J. Zool.* 8:226-260.
695. MACKERRAS, M.J. 1961. The haematozoa of Australian reptiles. *Aust. J. Zool.* 9:61-122.

696. MACKERRAS, M.J. & MACKERRAS, I.M. 1961. The haematozoa of Australian frogs and fish. *Aust. J. Zool.* 9:123-139.
697. MACKERRAS, M.J. 1962. The life history of a *Hepatozoon* (Sporozoa: Adeleidea) of varanid lizards in Australia. *Aust. J. Zool.* 10:35-44.
698. MACWHIRTER, P. 1994. Passeriformes. Pp 1172-1199 in Ritchie, B.W., Harrison, G.J. & Harrison, L.R. (ed.) *Avian Medicine: Principles and Application*. (Wingers Publ.: New York).
699. MAHONEY, D.F. & SAAL, J.R. 1961. Bovine babesiosis: thick blood films for the detection of parasitaemia. *Aust. Vet. J.* 37:44-47.
700. MAHONEY, D.F. 1962. Bovine babesiosis: diagnosis of infection by a complement fixation test. *Aust. Vet. J.* 38:48-52.
701. MAHONEY, D.F. 1962. The epidemiology of babesiosis in cattle. *Aust. J. Sci.* 24:310-313.
702. MAHONEY, D.F. 1964. Bovine babesiosis: an assessment of the significance of complement fixing antibody based upon experimental infection. *Aust. Vet. J.* 40:369-375.
703. MAHONEY, D.F. 1966. Circulating antigens in cattle infected with *Babesia bigemina* or *B. argentina*. *Nature* 211:422.
704. MAHONEY, D.F. 1967. Bovine babesiosis: preparation and assessment of complement fixing antigens. *Exptl. Parasitol.* 20:232-241.
705. MAHONEY, D.F. 1967. Bovine babesiosis: the passive immunization of calves against *Babesia argentina* with special reference to the role of complement fixing antibodies. *Exptl. Parasitol.* 20:119-124.
706. MAHONEY, D.F. 1967. Bovine babesiosis: the immunization of cattle with killed *Babesia argentina*. *Exptl. Parasitol.* 20:125-129.
707. MAHONEY, D.F. & GOODGER, B.V. 1969. *Babesia argentina*: serum changes in infected calves. *Exptl. Parasitol.* 24:375-382.
708. MAHONEY, D.F. 1969. Bovine babesiosis: a study of factors concerned in transmission. *Ann. Trop. Med. Parasitol.* 63:1-15.
709. MAHONEY, D.F. & MIRRE, G.B. 1971. Bovine babesiosis: estimation of infection rates in the tick vector *Boophilus microplus* (Canestrini). *Ann. Trop. Med. Parasitol.* 65:309-317.
710. MAHONEY, D.F. & GOODGER, B.V. 1972. *Babesia argentina*: immunogenicity of plasma from infected animals. *Exptl. Parasitol.* 32:71-85.
711. MAHONEY, D.F. & ROSS, D.R. 1972. Epizootiological factors in the control of bovine babesiosis. *Aust. Vet. J.* 48:292-298.
712. MAHONEY, D.F., WRIGHT, I.G. & MIRRE, G.B. 1973. Bovine babesiosis: the persistence of immunity to *Babesia argentina* and *B. bigemina* in calves (*Bos taurus*) after naturally acquired infection. *Ann. Trop. Med. Parasitol.* 67:197-203.
713. MAHONEY, D.F., WRIGHT, I.G. & KETTERER, P.J. 1973. *Babesia argentina*: the infectivity and immunogenicity of irradiated blood parasites for splenectomized calves. *Int. J. Parasitol.* 3:209-217.
714. MAHONEY, D.F. & MIRRE, G.B. 1974. *Babesia argentina*: the infection of splenectomized calves with extracts of larval ticks (*Boophilus microplus*). *Res. Vet. Sci.* 16:112-114.
715. MAHONEY, D.F., WRIGHT, I.G., FRERICHS, W.M., GROENENDYK, S., O'SULLIVAN, B.M., ROBETS, M.C. & WADDELL, A.H. 1977. The identification of *Babesia equi* in Australia. *Aust. Vet. J.* 53:461-464.
716. MAHONEY, D.F. 1977. *Babesia* of domestic animals. Pp 1-52 in Kreier, J.P. (ed.) *Parasitic Protozoa*. (Academic Press: New York).
717. MAHONEY, D.F. & MIRRE, G.B. 1979. A note on the transmission of *Babesia bovis* (syn *B. argentina*) by the one-host tick, *Boophilus microplus*. *Res. Vet. Sci.* 26:253-254.
718. MAHONEY, D.F., WRIGHT, I.G. & GOODGER, B.V. 1979. Immunity in cattle to *Babesia bovis* after single infections with parasites of various origin. *Aust. Vet. J.* 55:10-12.
719. MAHONEY, D.F., KERR, J.D., GOODGER, B.V. & WRIGHT, I.G. 1979. The immune response of cattle to *Babesia bovis* (syn. *B. argentina*). Studies on the nature and specificity of protection. *Int. J. Parasitol.* 9:297-306.
720. MAHONEY, D.F., WRIGHT, I.G. & GOODGER, B.V. 1981. Bovine babesiosis: the immunization of cattle with fractions of erythrocytes infected with *Babesia bovis* (syn. *B. argentina*). *Vet. Immunol. Immunopathol.* 2:145-156.
721. MAHONEY, D.F., WRIGHT, I.G., GOODGER, B.V., MIRRE, G.B., SUTHERST, R.W. & UTECH, K.B.W. 1981. The transmission of *Babesia bovis* in herds of European and Zebu X European cattle infested with the tick, *Boophilus microplus*. *Aust. Vet. J.* 57:461-469.
722. MAKIOKA, A., STAVROS, B., ELLIS, J.T. & JOHNSON, A.M. 1993. Detection and characterization of DNA polymerase activity in *Toxoplasma gondii*. *Parasitol.* 107:135-139.
723. MALONE, L.A., WIGLEY, P.J. & DHANA, S.D. 1987. Identity of a microsporidium from three New Zealand pasture insects: *Costelytra zealandica* (Coleoptera, Scarabaeidae), *Wiseana* spp. (Lepidoptera, Hepialidae), and *Listronotus bonariensis* (Coleoptera, Curculionidae). *J. Invert. Pathol.* 49:135-144.
724. MANAHAN, F.F. 1970. Diarrhoea in horses with particular reference to a chronic diarrhoea syndrome. *Aust. Vet. J.* 46:231-234.
725. MANDELLI, G., CERIOLI, A., HAHN, E.E. & STROZZI, F. 1966. Osservazioni anatomo-istologiche e

- parassitologiche su di un episodio di Toxoplasmosi nel canguro di Bennett (*Macropus bennetti* Gould). Bull. Ist. Sieroter. Milan 45:177-192.
726. MANWELL, R.D. 1946. Bat malaria. Amer. J. Hyg. 43:1-12.
727. MANWELL, R.D. 1977. Gregarines and haemogregarines. Pp 1-32 in Kreier, J.P. (ed.) Parasitic Protozoa. (Academic Press: New York).
728. MAPLESTONE, P.A. 1921. Human intestinal protozoa in north Queensland. Ann. Trop. Med. Parasitol. 14:283-293.
729. MAPLESTONE, P.A. 1923. Malaria in Australia. Ann. Trop. Med. Parasitol. 17:213-229.
730. MASON, R.W. & KING, S.J. 1971. *Eimeria leuckarti* in the horse. Aust. Vet. J. 47:460.
731. MASON, R.W. 1978. The detection of *Hammondia hammondi* in Australia and the identification of a free-living intermediate host. Z. Parasitenkd. 57:101-106.
732. MASON, R.W. & HARTLEY, W.J. 1980. Respiratory cryptosporidiosis in a peacock chick. Avian Dis. 24:771-776.
733. MASON, R.W. 1980. The discovery of *Besnoitia wallacei* in Australia and the identification of a free-living intermediate host. Z. Parasitenkd. 61:173-178.
734. MASON, R.W., HARTLEY, W.J. & TILT, L. 1981. Intestinal cryptosporidiosis in a kid goat. Aust. Vet. J. 57:386-388.
735. MAYRHOFER, G., ANDREWS, R.H., EY, P.L., ALBERT, M.J., GRIMMOND, T.R. & MERRY, D.J. 1992. The use of suckling mice to isolate and grow *Giardia* from mammalian faecal specimens for genetic analysis. Parasitol. 105:255-263.
736. MAYRHOFER, G., ANDREWS, R.H., EY, P.L. & CHILTON, N.B. 1995. Division of *Giardia* isolates from humans into two genetically distinct assemblages by electrophoretic analysis of enzymes encoded at 27 loci and comparison with *Giardia muris*. Parasitol. 111:11-17.
737. MCALLISTER, C.T., UPTON, S.J. & GARRETT, C.M. 1993. *Eimeria sternfeldi* n.sp. (Apicomplexa: Eimeriidae) from the Australian blue-tongued skink, *Tiliqua multifasciata* (Sauria: Scincidae). J. Parasitol. 79:681-683.
738. MCALLISTER, C.T., UPTON, S.J., JACOBSON, E.R. & KOPIT, W. 1995. A description of *Isoospora amphiboluri* Apicomplexa: Eimeriidae) from the inland bearded dragon, *Pogona vitticeps* (Sauria: Agamidae). J. Parasitol. 81:281-284.
739. MCCAUSLAND, I.P., BADMAN, R.T., HIDES, S. & SLEE, K.J. 1984. Multiple apparent *Sarcocystis* abortion in four bovine herds. Cornell Vet. 74:146-154.
740. MCCOLL, D. & MOONEY, T.J. 1984. Cryptosporidia in Tasmania. Med. J. Aust. 2:900-901.
741. MCDOUGALL, R.J., TANDY, M.W., BOREHAM, R.E., STENZEL, D.J. & O'DONOGHUE, P.J. 1993. Incidental finding of a microsporidian parasite from an AIDS patient. J. Clin. Microbiol. 31:436-439.
742. MCDOUGALL, R.J. & TANDY, M.W. 1993. Coccidian/Cyanobacterium-like bodies as a cause of diarrhea in Australia. Pathol. 25:375-378.
743. MCFETRIDGE, D. & BURRELL, R. 1991. Some observations on the blood and intestinal parasites of snakes in South Australia. Herpetofauna 21:25-27.
744. MCGHEE, R.B. 1949. The occurrence of bat malaria in the New Hebrides and Philippine Islands. J. Parasitol. 35:545.
745. MCINTYRE, P., BOREHAM, P.F.L., PHILLIPS, R.E. & SHEPHERD, R.W. 1986. Chemotherapy in giardiasis: clinical responses and in vitro drug sensitivity of human isolates in axenic culture. J. Pediatrics 108:1005-1010.
746. MCKENZIE, R.A., GREEN, P.E., HARTLEY, W.G. & POLLITT, C.C. 1978. *Cryptosporidium* in a red-bellied black snake (*Pseudechis porphyriacus*). Aust. Vet. J. 54:365-366.
747. MCKENZIE, R.A., GREEN, P.E., THORNTON, A.M. & BLACKALL, P.J. 1979. Feral goats and infectious disease: an abattoir survey. Aust. Vet. J. 55:441-442.
748. MCKEON, T., DUNSMORE, J. & RAIDAL, S.R. 1997. *Trichomonas gallinae* in budgerigars and columbid birds in Perth, Western Australia. Aust. Vet. J. 75:652-655.
749. MCMENIMAN, N.P. & ELLIOTT, R. 1995. Control of coccidia in young calves using lasalocid. Aust. Vet. J. 72:7-9.
750. MCMILLAN, B. & BANCROFT, B.J. 1974. On the morphology of *Trypanosoma binneyi* Mackerras, 1959 from the platypus *Ornithorhynchus anatinus*. Int. J. Parasitol. 4:441-442.
751. MCROBERTS, K.M., MELONI, B.P., HALSE, S.A. & THOMPSON, R.C.A. 1994. Scanning electron microscopy and isoenzyme electrophoresis of *Giardia* isolated from the straw-necked ibis (*Threskiornis spinicollis*) in Western Australia. Pp 67-68 in Thompson, R.C.A., Reynoldson, J.A. & Lymbery, A.J. (ed.) *Giardia: From Molecules to Disease*. (CAB International: Wallingford).
752. MCROBERTS, K.M., MELONI, B.P., MORGAN, U.M., MARANO, R., BINZ, N., ERLANDSEN, S.L., HALSE, S.A. & THOMPSON, R.C.A. 1996. Morphological and molecular characterization of *Giardia* isolated from the straw-necked ibis (*Threskiornis spinicollis*) in Western Australia. J. Parasitol. 82:711-718.
753. MCTACKETT, A.R. 1956. Infertility in dairy herds in south-east Queensland. Aust. Vet. J. 32:166-172.
754. MEHLHORN, H., HARTLEY, W.J. & HEYDORN, A.O. 1976. A comparative ultrastructural study of the cyst wall of 13 *Sarcocystis* species. Protistologica

- 12:451-467.
755. MEHLHORN, H., SCHEIN, E. & AHMED, J.S. 1994. *Theileria*. Pp 217-304 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
756. MELLORS, L.T., DLGLIESH, R.J., TIMMS, P., RODWELL, B.J. & CALLOW, L.L. 1982. Preparation and laboratory testing of a frozen vaccine containing *Babesia bovis*, *Babesia bigemina* and *Anaplasma centrale*. Res. Vet. Sci. 32:194-197.
757. MELONI, B.P. & THOMPSON, R.C.A. 1987. Comparative studies on the axenic *in vitro* cultivation of *Giardia* of human and canine origin: evidence for intraspecific variation. Trans. Roy. Soc. Trop. Med. Hyg. 81:637-640.
758. MELONI, B.P., LYMBERY, A.J., THOMPSON, R.C.A. & GRACEY, M. 1988. High prevalence of *Giardia lamblia* in children from a WA aboriginal community. Med. J. Aust. 149:715.
759. MELONI, B.P., LYMBERY, A.J. & THOMPSON, R.C.A. 1988. Isoenzyme electrophoresis of 30 isolates of *Giardia* from humans and felines. Am. J. Trop. Med. Hyg. 38:65-73.
760. MELONI, B.P., LYMBERY, A.J. & THOMPSON, R.C.A. 1989. Characterization of *Giardia* isolates using a non-radiolabeled DNA probe, and correlation with the results of isoenzyme analysis. Am. J. Trop. Med. Hyg. 40:629-637.
761. MELONI, B.P., ANDERSON, R.C.A., REYNOLDS, J.A. & SEVILLE, P. 1990. Albendazole: a more effective anti-giardial agent *in vitro* than metronidazole or tinidazole. Trans. Roy. Soc. Trop. Med. Hyg. 84:375-379.
762. MELONI, B.P., THOMPSON, R.C.A., STRANDEN, A.M., KOHLER, P. & ECKERT, J. 1992. Critical comparison of *Giardia duodenalis* from Australia and Switzerland using isoenzyme electrophoresis. Acta Tropica 50:115-124.
763. MELONI, B.P., THOMPSON, R.C.A., HOPKINS, R.M., REYNOLDS, J.A. & GRACEY, M. 1993. The prevalence of *Giardia* and other intestinal parasites in children, dogs and cats from Aboriginal communities in the Kimberley. Med. J. Aust. 158:157-159.
764. MELONI, B.P., LYMBERY, A.J. & THOMPSON, R.C.A. 1995. Genetic characterization of isolates of *Giardia duodenalis* by enzyme electrophoresis: implications for reproductive biology, population structure, taxonomy, and epidemiology. J. Parasitol. 81:368-383.
765. MELONI, B.P. & THOMPSON, R.C.A. 1996. Simplified methods for obtaining purified oocysts from mice and for growing *Cryptosporidium parvum* *in vitro*. J. Parasitol. 82:757-762.
766. MENCKE, N., O'DONOGHUE, P.J., LUMB, R., SMITH, P., TENTER, A.M., THUMMEL, P. & ROMMEL, M. 1991. Antigenic characterisation of monoclonal antibodies against *Sarcocystis muris* by Western blotting and immuno-electron microscopy. Parasitol. Res. 77:217-223.
767. MER, G.G. & GOLDBLUM, N.A. 1947. A haemosporidian of bats. Nature 159:444.
768. METCALF, M.M. 1923. The opainid ciliate infusorians. U.S. Natl. Mus. Bulletin 120:1-184.
769. METCALF, M.M. 1940. Further studies on the opalinid ciliate infusorians and their hosts. Proc. U.S. Natl. Ms. 87:465-634.
770. MICHAJLOW, W. 1978. *Dinema australiense* sp. n. and *Dinema rostratum* sp. n. *Euglenoidina* - parasites of Copepoda from Australia. Bull. Acad. Polon. Sci., Ser. Sci. Biol. 26:181-184.
771. MICHAJLOW, W. 1978. *Eutreptia parasitica* sp. n. and other *Euglenoidina* - parasites of Australian Copepoda. Bull. Acad. Polon. Sci., Ser. Sc. Biol. 26:269-272.
772. MILLS, B. 1983. A review of diseases of freshwater crayfish, with particular reference to the yabbie, *Cherax destructor*. Fish. Res. Paper, Dept. Fish. (S.A.) No. 9:1-18.
773. MILLS, B. 1986. Diseases of the yabbie. SAFIC 10:10-13.
774. MILNER, R.J. 1977. The role of disease during an outbreak of *Oncopera alboguttata* Tindale and *O. rufobrunnea* Tindale, (Lepidoptera: Hepialidae) in the Ebor/Dorrigo region of N.S.W. J. Aust. Ent. Soc. 16:21-26.
775. MILNER, R.J. & BEATON, C.D. 1977. *Pleistophora oncoperae* sp. n. (Protozoa: Microsporida) from *Oncopera alboguttata* (Lepidoptera: Hepialidae) in Australia. J. Invert. Pathol. 29:133-140.
776. MILNER, R.J. 1977. The role of disease during an outbreak of *Oncopera alboguttata* Tindale and *O. rufobrunnea* Tindale (Lepidoptera: Hepialidae) in the Ebor/Dorrigo region of N.S.W. J. Aust. Entomol. Soc. 16:21-26.
777. MILNER, R.J. & LUTTON, G.G. 1980. Interactions between *Oncopera alboguttata* (Lepidoptera: Hepialidae) and its microsporidian pathogen, *Pleistophora oncoperae* (Protozoa: Microsporida). J. Invert. Pathol. 36:198-202.
778. MILNER, R.J. & MAYER, J.A. 1982. *Tuzetia boeckella* sp. nov. (Protozoa: Microsporida), a parasite of *Boeckella triarticulata* (Copepoda: Calanoidea) in Australia. J. Invert. Pathol. 39:174-184.
779. MILNER, R.J., HINES, E. & KASSULKE, R.C. 1987. Infection of *Samea multiplicalis* (Guenee) (Lepidoptera: Pyralidae) by two *Nosema* sp. (Protozoa: Microsporida). J. Aust. Entomol. Soc. 26:63-64.
780. MILSTEIN, T.C. & GOLDSMID, J.M. 1995. The presence of *Giardia* and other zoonotic parasites of urban dogs in Hobart, Tasmania. Aust. Vet. J. 72:154-155.

781. MILSTEIN, T.C. & GOLDSMID, J.M. 1997. Parasites of feral cats from southern Tasmania and their potential significance. *Aust. Vet. J.* 75:218-219.
782. MINCHIN, E.A. 1903. Sporozoa. Pp 150-360 in Lankester, R. (ed.) *Treatise on Zoology* (A&C Black Publ.: London).
783. MOIR, R.J. 1965. The comparative physiology of ruminant-like animals. Pp 1-14 in Dougherty, R.W., Allen, R.S., Burroughs, W., Jacobson, N.L. & McGilliard, A.D. (ed.) *Physiology of Digestion in the Ruminant*. (Butterworths: Washington).
784. MOLLER, T. 1962. Three casuistic reports of toxoplasmosis in zoo-animals (*Macropus bennetti*, *Marmota marmota*, *Lepus timidus*). *Nord. Vet.-Med.* 14 (Suppl. 1):233-243.
785. MOLLOY, J.B., WALDRON, S.J. & JORGENSEN, W.K. 1995. Identification of an immunodominant 40 kDa merozoite antigen common to the Australian T and Dixie vaccine strains of *Babesia bovis* and the development of diagnostic tests specific for these strains. *Vet. Parasitol.* 60:229-240.
786. MOLLOY, J.B., EAVES, F.W., JESTON, P.J., MINCHIN, C.M., STEWART, N.P., LEW, A.E. & JORGENSEN, W.K. 1998. Detection of *Eimeria acervulina* using the polymerase chain reaction. *Avian Dis.* 42:119-123.
787. MOLLOY, J.B., BOWLES, P.M., JESTON, P.J., BRUYERES, A.G., BOWDEN, J.M., BOCK, R.E., JORGENSEN, W.K., BLIGHT, G.W. & DALGLIESH, R.J. 1998. Development of an enzyme-linked immunosorbent assay for detection of antibodies to *Babesia bigemina* in cattle. *Parasitol. Res.* 84:651-656.
788. MOLNAR, K. & ROHDE, K. 1988. Seven new coccidian species from marine fishes in Australia. *Syst. Parasitol.* 11:19-29.
789. MOLNAR, K. & ROHDE, K. 1988. New coccidians from freshwater fishes of Australia. *J. Fish Dis.* 11:161-169.
790. MOLYNEUX, D.H. 1991. Trypanosomes of bats. Pp 195-223 in Kreier, J.P. & Baker, J.R. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
791. MONEY, R.A. 1926. A case of malaria acquired in Sydney. *Med. J. Aust.* 2:283-284.
792. MONIS, P.T., MAYRHOFER, G., ANDREWS, R.H., HOMAN, W.L., LIMPER, L. & EY, P.L. 1996. Molecular genetic analysis of *Giardia intestinalis* isolates at the glutamate dehydrogenase locus. *Parasitol.* 112:1-12.
793. MONIS, P.T., ANDREWS, R.H., MAYRHOFER, G., MACKRILL, J., KULDA, J., ISAAC-RENTON, J.L. & EY, P.L. 1998. Novel lineages of *Giardia intestinalis* identified by genetic analysis of organisms isolated from dogs in Australia. *Parasitol.* 116:7-19.
794. MORADO, J.F. & SMALL, E.B. 1995. Ciliate parasites and related diseases of crustacea: a review. *Rev. Fish. Sci.* 3:275-354.
795. MORGAN, U.M., CONSTANTINE, C.C., GREENE, W.K. & THOMPSON, R.C.A. 1993. RAPD (random amplified polymorphic DNA) analysis of *Giardia* DNA and correlation with isoenzyme data. *Trans. Roy. Soc. Trop. Med. Hyg.* 87:702-705.
796. MORGAN, U.M., CONSTANTINE, C.C., O'DONOGHUE, P.J., MELONI, B.P., O'BRIEN, P.A. & THOMPSON, R.C.A. 1995. Molecular characterization of *Cryptosporidium* isolates from humans and other animals using random amplified polymorphic DNA analysis. *Am. J. Trop. Med. Hyg.* 52:559-564.
797. MORGAN, U.M., O'BRIEN, P.A. & THOMPSON, R.C.A. 1996. The development of diagnostic PCR primers for *Cryptosporidium* using RAPD-PCR. *Mol. Biochem. Parasitol.* 77:103-108.
798. MORGAN, U.M., CONSTANTINE, C.C., FORBES, D.A. & THOMPSON, R.C.A. 1997. Differentiation between human and animal isolates of *Cryptosporidium parvum* using rDNA sequencing and direct PCR analysis. *J. Parasitol.* 83:825-830.
799. MORGAN, U.M. & THOMPSON, R.C.A. 1998. PCR detection of *Cryptosporidium*: the way forward? *Parasitol. Today* 14:241-245.
800. MORRISSY, N.M., EVANS, L.E. & HUNER, J.V. 1990. Australian freshwater crayfish: aquaculture species. *World Aquaculture* 21:113-122.
801. MORROW, C. 1986. Poultry parasites. Pp 663-700 in *Poultry Health* (Post-Graduate Committee in Veterinary Science: University of Sydney).
802. MOSER, M., KENT, M.L. & DENNIS, D. 1989. Gall bladder Myxosporidia in coral reef fishes from Heron Island, Australia. *Aust. J. Zool.* 37:1-13.
803. MOSER, M. & KENT, M.L. 1994. Myxosporidia. Pp 265-318 in Kreier, J.P. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
804. MOTHAS, M.X.J. & EGERTON, J.R. 1984. Influence of reticuloendotheliosis on the severity of *Eimeria tenella* infection in broiler chickens. *Vet. Microbiol.* 9:121-129.
805. MULHEARN, C.R. 1936. Recent developments in the treatment of tick fever. *Qld. Agric. J.* 46:192-195.
806. MUNDAY, B.L., RYAN, F.B., KING, S.J. & CORBOULD, A. 1966. Preparturient infections and other causes of foetal loss in sheep and cattle in Tasmania. *Aust. Vet. J.* 42:189-193.
807. MUNDAY, B.L. & CORBOULD, A. 1971. The application of the *Toxoplasma*, indirect, fluorescent-antibody test to sheep sera. *Aust. J. Med. Technol.* 2:3-6.

808. MUNDAY, B.L., MASON, R.W., WELLS, R.J.H. & ARUNDEL, J.H. 1971. Further studies on "Limey-disease" of Tasmanian mutton birds (*Puffinus tenuirostris*). J. Wildl. Dis. 7:126-129.
809. MUNDAY, B.L. 1972. Transmission of *Toxoplasma* infection from chronically infected ewes to their lambs. Brit. Vet. J. 128:lxxi-lxxii.
810. MUNDAY, B.L. 1972. Serological evidence of *Toxoplasma* infection in isolated groups of sheep. Res. Vet. Sci. 13:100-102.
811. MUNDAY, B.L. 1972. A serological survey of some infectious diseases of Tasmanian wildlife. J. Wildlife Dis. 8:169-175.
812. MUNDAY, B.L. 1973. Human toxoplasmosis in Tasmania. Med. J. Aust. 1:1183-1185.
813. MUNDAY, B.L., MASON, R.W. & CUMMING, R. 1973. Observations on diseases of the central nervous system of cattle in Tasmania. Aust. Vet. J. 49:451-455.
814. MUNDAY, B.L. & RICKARD, M.D. 1974. Is *Sarcocystis tenella* two species? Aust. Vet. J. 50:558-559.
815. MUNDAY, B.L. & CORBOULD, A. 1974. The possible role of the dog in the epidemiology of ovine sarcosporidiosis. Brit. Vet. J. 130:9-11.
816. MUNDAY, B.L., CORBOULD, A., WARD, H.A. & HOUSTON, J.K. 1975. Immunoglobulin classes of antibodies produced against *Toxoplasma gondii* by ovine fetuses. Res. Vet. Sci. 18:218-219.
817. MUNDAY, B.L. 1975. Prevalence of toxoplasmosis in Tasmanian meat animals. Aust. Vet. J. 51:315-316.
818. MUNDAY, B.L. 1975. The prevalence of sarcosporidiosis in Australian meat animals. Aust. Vet. J. 5:478-480.
819. MUNDAY, B.L., BARKER, I.K. & RICKARD, M.D. 1975. The developmental cycle of a species of *Sarcocystis* occurring in dogs and sheep, with observations on pathogenicity in the intermediate host. Z. Parasitenkd. 46:111-123.
820. MUNDAY, B.L. & BLACK, H. 1976. Suspected *Sarcocystis* infections of the bovine placenta and foetus. Z. Parasitenkd. 51:129-132.
821. MUNDAY, B.L. 1976. Further studies on the host specificity of *Sarcocystis* spp. in domestic animals. Aust. Vet. J. 52:103.
822. MUNDAY, B.L. 1976. Infectious diseases of farmed trout. Aust. Vet. Practit. 6:46-50.
823. MUNDAY, B.L., HUMPHREY, J.D. & KILA, V. 1977. Pathology produced by, prevalence of, and probable life-cycle of a species of *Sarcocystis* in the domestic fowl. Avian Dis. 21:697-703.
824. MUNDAY, B.L. 1977. A species of *Sarcocystis* using owls as definitive hosts. J. Wildl. Dis. 13:205-207.
825. MUNDAY, B.L. 1978. Diseases of native land mammals of Australia. Pp 11-18 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
826. MUNDAY, B.L. 1978. Marsupial disease. Pp 335-385 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
827. MUNDAY, B.L. 1978. Congenital toxoplasmosis in Tasmania. Med. J. Aust. 1:110-111.
828. MUNDAY, B.L. 1978. Cats as definitive hosts for *Sarcocystis* of sheep. N. Z. Vet. J. 26:166.
829. MUNDAY, B.L. 1978. Bovine toxoplasmosis: experimental infections. Int. J. Parasitol. 8:285-288.
830. MUNDAY, B.L., MASON, R.W., HARTLEY, W.J., PRESIDENTE, P.J.A. & OBENDORF, D. 1978. *Sarcocystis* and related organisms in Australian wildlife: I. Survey findings in mammals. J. Wildlife Dis. 14:417-433.
831. MUNDAY, B.L. & MASON, R.W. 1979. Toxoplasmosis as a cause of perinatal death in goats. Aust. Vet. J. 55:485-487.
832. MUNDAY, B.L. & CORBOULD, A. 1979. Serological responses of sheep and cattle exposed to natural *Toxoplasma* infection. Aust. J. Exptl. Biol. Med. Sci. 57:141-145.
833. MUNDAY, B.L., HARTLEY, W.J., HARRIGAN, K.E., PRESIDENTE, P.J.A. & OBENDORF, D.L. 1979. *Sarcocystis* and related organisms in Australian wildlife: II. Survey findings in birds, reptiles, amphibians and fish. J. Wildlife Dis. 15:57-73.
834. MUNDAY, B.L. 1979. The effect of *Sarcocystis ovis* on growth rate and haematocrit in lambs. Vet. Parasitol. 5:129-135.
835. MUNDAY, B.L., SMITH, D.D. & FRENKEL, J.K. 1980. *Sarcocystis* and related organisms in Australian wildlife: IV. Studies on *Sarcocystis cuniculi* in European rabbits (*Oryctolagus cuniculus*). J. Wildlife Dis. 16:201-204.
836. MUNDAY, B.L. & MASON, R.W. 1980. *Sarcocystis* and related organisms in Australian wildlife: III. *Sarcocystis murinotechis* sp. n. life cycle in rats (*Rattus*, *Pseudomys* and *Mastacomys*) and tiger snakes (*Notechis ater*). J. Wildl. Dis. 16:83-87.
837. MUNDAY, B.L. 1981. Coccidiosis (including globidiosis). Pp 27-35 in Refresher Course in Sheep. (Post Graduate Committee in Veterinary Science: University of Sydney).
838. MUNDAY, B.L. 1981. Premature parturition in ewes inoculated with *Sarcocystis ovis*. Vet. Parasitol. 9:17-26.
839. MUNDAY, B.L. & COPLAND, J.W. 1981. Diseases of farmed freshwater tablefish in Australia. An overview. Pp 160-165 in Fowler, M.E. (ed.) Wildlife Diseases of the Pacific Basin and Other Countries (Proc. 4th. Int. Conf. Wildlife Dis. Assoc.: Sydney).

840. MUNDAY, B.L. & MASON, R.W. 1981. *Sarcocystis* in rats from islands. N.Z. J. Zool. 8:563.
841. MUNDAY, B.L. 1982. Effects of preparturient inoculation of pregnant ewes with *Sarcocystis ovis* upon the susceptibility of their progeny. Vet. Parasitol. 9:273-276.
842. MUNDAY, B.L. 1983. An isosporan parasite of masked owls producing sarcocysts in rats. J. Wildl. Dis. 19:146-147.
843. MUNDAY, B.L. & OBENDORF, D.L. 1984. Development and growth of *Sarcocystis gigantea* in experimentally-infected sheep. Vet. Parasitol. 15:203-211.
844. MUNDAY, B.L. & OBENDORF, D.L. 1984. Morphology of *Sarcocystis gigantea* in experimentally-infected sheep. Vet. Parasitol. 16:193-199.
845. MUNDAY, B.L. 1984. The effect of *Sarcocystis tenella* on wool growth in sheep. Vet. Parasitol. 15:91-94.
846. MUNDAY, B.L. 1985. Demonstration of viable *Sarcocystis* sporocysts in the faeces of a lamb dosed orally. Vet. Parasitol. 17:355-357.
847. MUNDAY, B.L. 1986. Effects of different doses of dog-derived *Sarcocystis* sporocysts on growth rate and haematocrit in lambs. Vet. Parasitol. 21:21-24.
848. MUNDAY, B.L. & DUBEY, J.P. 1986. Serological cross-reactivity between *Hammondia hammondi* and *Toxoplasma gondii* in experimentally inoculated sheep. Aust. Vet. J. 63:344-345.
849. MUNDAY, B.L. & DUBEY, J.P. 1986. Serology of experimental toxoplasmosis in pregnant ewes and their foetuses. Aust. Vet. J. 63:353-355.
850. MUNDAY, B.L., OBENDORF, D.L., HANDLINGER, J.H. & MASON, R.W. 1987. Diagnosis of congenital toxoplasmosis in ovine foetuses. Aust. Vet. J. 64:292.
851. MUNDAY, B.L. 1988. Marsupial diseases. Pp 299-365 in The John Keep Refresher Course for Veterinarians (Post Graduate Committee in Veterinary Science: University of Sydney).
852. MUNDAY, B.L. 1988. Amoebic gill disease of salmonids. Pp 111-112 in Fish Diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
853. MUNDAY, B.L. & DUBEY, J.P. 1988. Prevention of *Toxoplasma gondii* abortion in goats by vaccination with oocysts of *Hammondia hammondi*. Aust. Vet. J. 65:150-153.
854. MUNDAY, B.L. 1990. Sarcosporidiosis of sheep. Pp 105-111 in Sheep Medicine. (Post Graduate Committee in Veterinary Science: University of Sydney).
855. MUNDAY, B.L., FOSTER, C.K., ROUBAL, F.R. & LESTER, R.J.G. 1990. Paramoebic gill infection and associated pathology of Atlantic salmon, *Salmo salar*, and rainbow trout, *Salmo gairdneri*, in Tasmania. Pp 215-222 in Perkins, F.O. & Cheng, T.C. (ed.) Pathology in Marine Science (Academic Press: London).
856. MUNDAY, B.L., DUBEY, J.P. & MASON, R.W. 1990. *Neospora caninum* infection in dogs. Aust. Vet. J. 67:76-77.
857. MUNDAY, B.L., LANGE, K., FOSTER, C., LESTER, R.J.G. & HANDLINGER, J. 1993. Amoebic gill disease of sea-caged salmonids in Tasmanian waters. Tasmanian Fisheries Bull. 28:14-19.
858. MUNDAY, B.L. 1996. Infectious diseases of finfish. Pp 81-132 in Fish Health Workshop. (Post Graduate Committee in Veterinary Science: University of Sydney).
859. MUNDAY, B.L., O'DONOGHUE, P.J., WATTS, M., ROUGH, K. & HAWKESFORD, T. 1997. Fatal encephalitis due to the scuticociliate *Uronema nigricans* in sea-caged, southern bluefin tuna *Thunnus maccoyii*. Dis. Aquatic Org. 30:17-25.
860. MURNANE, D. 1959. Field and laboratory observations on trichomoniasis of dairy cattle in Victoria. Aust. Vet. J. 35:80-83.
861. MURRELL, T.G.C., O'DONOGHUE, P.J. & ELLIS, T. 1986. A review of the sheep-multiple sclerosis connection. Med. Hypotheses 19:27-39.
862. MYKYTOWYCZ, R. 1956. A survey of the endoparasites of the wild rabbit, *Oryctolagus cuniculus* (L.) in Australia. CSIRO Wildl. Res. 1:19-25.
863. MYKYTOWYCZ, R. & HESTERMAN, E.R. 1958. On the occurrence of coccidia oocysts and nematode ova in soft and hard faeces of the wild rabbit, *Oryctolagus cuniculus* (L.). Wildl. Res. 3:142-143.
864. MYKYTOWYCZ, R. 1962. Epidemiology of coccidiosis (*Eimeria* spp.) in an experimental population of the Australian wild rabbit, *Oryctolagus cuniculus* (L.). Parasitol. 52:375-395.
865. MYKYTOWYCZ, R. 1964. Coccidia in wild populations of the red kangaroo, *Megaleia rufa* (Desmarest), and the grey kangaroo, *Macropus canguru* (Muller). Parasitol. 54:105-115.
866. MYLREA, P.J. 1961. Bovine infertility on the south coast of New South Wales. Aust. Vet. J. 37:302-305.
867. MYLREA, P.J. 1962. The differential diagnosis of the causes of herd infertility in cattle. Aust. Vet. J. 38:15-20.
868. NELL, J.A. & SMITH, I.R. 1988. Management, production and disease interactions in oyster culture. Pp 127-133 in Fish diseases. Refresher course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).

869. NEWTON, L.G. 1944. Coccidiosis of poultry. Qld. Agric. J. 59:367-369.
870. NEWTON, L.G. & GREEN, P.E. 1965. Species of *Eimeria* in Australia. Aust. Vet. J. 41:299.
871. NEWTON, L.G. & O'SULLIVAN, P.J. 1969. Chemoprophylaxis in *Babesia argentina* infection in cattle. Aust. Vet. J. 45:404-407.
872. NOLLER, W. 1920. *Globidium* (*Gastrocystis*, *Besnoitia*). Pp 919-933 in Prowazek, S. (ed.) Handbuch der pathogenen Protozoen (Johan Ambrosius Barth Publ.: Leipzig).
873. NORMAN, J.G. & JESSOP, P. 1973. *Balantidium coli* in a cervico-vaginal smear. Med. J. Aust. 1:694-696.
874. NORTON, J.H. & HARTLEY, W.J. 1993. Amoebic meningoencephalitis in a young grey kangaroo (*Macropus giganteus*). Aust. Vet. J. 70:421.
875. NURSE, G.H. & LENGHAUS, C. 1986. An outbreak of *Toxoplasma gondii* abortion, mummification and perinatal death in goats. Aust. Vet. J. 63:27-29.
876. O'BRIEN, D.P. 1899. Case of tropical abscess of the liver. Aust. Med. Gaz. 18:390-391.
877. O'BRIEN, R.A. 1908. Notes from north Queensland. Aust. Med. Gaz. 27:121-124.
878. O'BRIEN, R.A. 1909. Ankylostomiasis and other tropical diseases in Queensland. Trans. Aust. Med. Congr. 2:324-328.
879. O'BRIEN, G.W., VEIVERS, P.C., MCEWEN, E., SLAYTOR, M. & O'BRIEN, R.W. 1979. The origin and distribution of cellulose in the termites, *Nasutitermes exitiosus* and *Coptotermes lacteus*. Insect Biochem. 9:619-625.
880. O'CALLAGHAN, M.G., O'DONOGHUE, P.J. & MOORE, E. 1987. Coccidia in sheep in South Australia. Vet. Parasitol. 24:175-183.
881. O'CALLAGHAN, M.G. 1989. Coccidia of domestic and feral goats in South Australia. Vet. Parasitol. 30:267-272.
882. O'CALLAGHAN, M.G., BARKER, I.K., BEVERIDGE, I. & HORNSBY, P. 1998. *Eimeria* species in the Pearson Island Rock Wallaby, *Petrogale lateralis pearsoni*. Int. J. Parasitol. 28:1889-1892.
883. O'DONOGHUE, P.J. & FORD, G.E. 1984. The asexual pre-cyst development of *Sarcocystis tenella* in experimentally infected specific-pathogen-free lambs. Int. J. Parasitol. 14:345-355.
884. O'DONOGHUE, P.J. & WEYRETER, H. 1984. Examinations on the serodiagnosis of *Sarcocystis* infections. II. Class-specific immunoglobulin responses in mice, pigs and sheep. Zbl. Bakt. Hyg. A 257:168-184.
885. O'DONOGHUE, P.J. 1985. *Cryptosporidium* infections in man, animals, birds and fish. Aust. Vet. J. 62:253-258.
886. O'DONOGHUE, P.J., ADAMS, M., DIXON, B.R., FORD, G.E. & BAVERSTOCK, P.R. 1986. Morphological and biochemical correlates in the characterization of *Sarcocystis* spp. J. Protozool. 33:114-121.
887. O'DONOGHUE, P.J. & FORD, G.E. 1986. The prevalence and intensity of *Sarcocystis* spp. infections in sheep. Aust. Vet. J. 63:273-278.
888. O'DONOGHUE, P.J., RILEY, M.J. & CLARKE, J.F. 1987. Serological survey for *Toxoplasma* infections in sheep. Aust. Vet. J. 64:40-45.
889. O'DONOGHUE, P.J., THAM, V.L., DESARAM, W.G., PAULL, K.L. & MCDERMOTT, S. 1987. *Cryptosporidium* infections in birds and mammals and attempted cross-transmission studies. Vet. Parasitol. 26:1-11.
890. O'DONOGHUE, P.J., OBENDORF, D.L., O'CALLAGHAN, M.G., MOORE, E. & DIXON, B.R. 1987. *Sarcocystis mucosa* (Blanchard 1885) Labbe 1889 in unadorned rock wallabies (*Petrogale assimilis*) and Bennett's wallabies (*Macropus rufogriseus*). Parasitol. Res. 73:113-120.
891. O'DONOGHUE, P.J. & WILKINSON, R.G. 1988. Antibody development and cellular immune responses in sheep immunized and challenged with *Sarcocystis tenella* sporocysts. Vet. Parasitol. 27:251-265.
892. O'DONOGHUE, P.J., LUMB, R., SMITH, P., BROOKER, J. & MENCKE, N. 1990. Characterization of monoclonal antibodies against ovine *Sarcocystis* spp. antigens by immunoblotting and immuno-electron microscopy. Vet. Immunol. Immunopathol. 24:11-25.
893. O'DONOGHUE, P.J., BEVERIDGE, I. & PHILLIPS, P.H. 1990. Parasites and ectocommensals of yabbies and marron in South Australia. (S.A. Department of Fisheries, Adelaide).
894. O'DONOGHUE, P.J., PHILLIPS, P.H. & SHEPHERD, S.A. 1991. *Perkinsus* (Protozoa: Apicomplexa) infections in abalone from South Australian waters. Trans. Roy. Soc. S.A. 115:77-82.
895. O'DONOGHUE, P.J. & ROMMEL, M. 1992. Australian-German collaborative studies on the immunology of *Sarcocystis* infections. Angew. Parasitol. 33:102-119.
896. O'DONOGHUE, P.J. 1992. The cross-transmission potential of *Cryptosporidium* spp. Pp 283-299 in Zoonoses. Australian Veterinarians in Public Health. (Post Graduate Committee in Veterinary Science: University of Sydney).
897. O'DONOGHUE, P.J., GASSER, R.B. & TRIBE, A. 1993. New host record for the entodiniomorphid ciliate, *Trogloidyella abrassarti*, from siamangs (*Hylobates syndactylus*). Int. J. Parasitol. 23:415-418.

898. O'DONOGHUE, P.J. 1995. *Cryptosporidium* and cryptosporidiosis in man and animals. *Int. J. Parasitol.* 25:139-195.
899. O'DONOGHUE, P.J. 1997. Protozoan parasites of wildlife in south-east Queensland. Pp 119-136 in Tribe, A. (ed.) Proceedings of the 1997 Conference of the Australian Association of Veterinary Conservation Biologists (Australian Veterinary Association: Brisbane).
900. O'DONOGHUE, P.J. & VANDERDUYS, E. 1998. Survey for protozoan parasites in native animals from Musselbrook Reserve, Lawn Hill National Park. Pp 191-199 in Musselbrook Reserve Scientific Study Report (The Royal Geographical Society of Queensland: Brisbane).
901. O'REILLY, M.J.J. 1954. Acquired toxoplasmosis: an acute fatal case in a young girl. *Med. J. Aust.* 2:968-970.
902. O'SULLIVAN, P.J. & CALLOW, L.L. 1966. Loss of infectivity of a vaccine strain of *Babesia argentina* for *Boophilus microplus*. *Aust. Vet. J.* 42:252-254.
903. O'SULLIVAN, W.J., JOHNSON, A.M., FINNEY, K.G., GERO, A.M., HAGON, E., HOLLAND, J.W. & SMITHERS, G.W. 1981. Pyrimidine and purine enzymes in *Toxoplasma gondii*. *Aust. J. Exptl. Biol. Med. Sci.* 59:763-767.
904. OBENDORF, D.L. & MCCOLL, K. 1980. Mortality in little penguins (*Eudyptula minor*) along the coast of Victoria, Australia. *J. Wildlife Dis.* 16:251-259.
905. OBENDORF, D.L. & MUNDAY, B.L. 1983. Toxoplasmosis in wild Tasmanian wallabies. *Aust. Vet. J.* 60:62.
906. OBENDORF, D.L. 1984. The macropodid oesophagus. IV. Observations on the protozoan fauna of the macropodid stomach and oesophagus. *Aust. J. Biol. Sci.* 37:117-122.
907. OBENDORF, D.L. & SMALES, L.R. 1985. The internal parasites and pathological findings in *Hydromys chrysogaster* (Muridae: Hydromyinae) from Tasmania. *Aust. J. Zool.* 33:33-38.
908. OBENDORF, D.L. & MUNDAY, B.L. 1986. Demonstration of schizogonous stages of *Sarcocystis gigantea* in experimentally infected sheep. *Vet. Parasitol.* 19:35-38.
909. OBENDORF, D.L. & MUNDAY, B.L. 1987. Experimental infection with *Sarcocystis medusiformis* in sheep. *Vet. Parasitol.* 24:59-65.
910. OBENDORF, D.L., STATHAM, P. & MUNDAY, B.L. 1990. Resistance to *Toxoplasma* abortion in female goats previously exposed to *Toxoplasma* infection. *Aust. Vet. J.* 67:233-234.
911. OBENDORF, D.L. & MUNDAY, B.L. 1990. Toxoplasmosis in wild eastern barred bandicoots, *Perameles gunnii*. Pp 193-197 in Seebeck, J.H., Brown, P.R., Wallis, R.L. & Kemper, C.M. (ed.) Bandicoots and Bilbies. (Surrey Beatty & Sons: Sydney).
912. OBENDORF, D.L., MURRAY, N., VELDHUIS, G., MUNDAY, B.L. & DUBEY, J.P. 1995. Abortion caused by neosporosis in cattle. *Aust. Vet. J.* 72:117-118.
913. ORTEGA, Y.R., STERLING, C.R. & GILMAN, R.H. 1998. *Cyclospora cayetanensis*. *Adv. Parasitol.* 40:399-418.
914. OSBORNE, H.G. 1959. Abortion in sheep associated with *Toxoplasma*. *Aust. Vet. J.* 35:424-425.
915. OTENG, A.K. 1972. Development of schizonts directly from the blood piroplasms of the Australian *Theileria mutans*. *Brit. Vet. J.* 128:23-25.
916. OWEN, J. 1934. *Trypanosoma* in the monotreme. (Publ. Aust. Inst. Anatomy: Canberra).
917. OWEN, C.G. & KAKULAS, B.A. 1968. Sarcosporidiosis in the sperm whale. *Aust. J. Sci.* 31:46-47.
918. OWENS, L. & GLAZEBROOK, J.S. 1988. Microsporidiosis in prawns from northern Australia. *Aust. J. Mar. Freshwater Res.* 39:301-305.
919. OWENS, L., GLAZEBROOK, J.S., LADDS, P.W. & CAMPBELL, R.S.F. 1988. Disease in tropical mariculture in Australia. Pp 375-416 in Fish diseases. Refresher course for veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
920. OWENS, L. & EVANS, L. 1989. Common diseases of freshwater prawns (*Macrobrachium*) and crayfish (marron and yabbies) relevant to Australia. Pp 227-240 in Invertebrates in Aquaculture. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
921. OWENS, L. & HALL-MENDELIN, S. 1990. Diseases relevant to penaeid mariculture in tropical Australia. Pp 421-432 in Perkins, F.O. & Cheng, T.C. (ed.) Pathology in Marine Science (Academic Press: San Diego).
922. OXBERRY, M.E., THOMPSON, R.C.A. & REYNOLDS, J.A. 1994. Evaluation of the effects of albendazole and metronidazole on the ultrastructure of *Giardia duodenalis*, *Trichomonas vaginalis* and *Spironucleus muris* using transmission electron microscopy. *Int. J. Parasitol.* 24:695-703.
923. PAGE, C.D., SCHMIDT, R.E., ENGLISH, J.H., GARDINAER, C.H., HUBBARD, G.B. & SMITH, G.C. 1992. Antemortem diagnosis and treatment of sarcocystosis in two species of psittacines. *J. Zoo Wildl. Med.* 23:77-85.
924. PAMPHLETT, R. & O'DONOGHUE, P. 1990. *Sarcocystis* infection of human muscle. *Aust. N. Z. J. Med.* 20:705-707.

925. PAMPHLETT, R. & O'DONOGHUE, P.J. 1992. Antibodies against *Sarcocystis* and *Toxoplasma* in humans with the chronic fatigue syndrome. *Aust. N.Z. J. Med.* 22:307-308.
926. PANIGRAHY, B., GRIMES, J.E. & CLARK, F.D. 1984. Zoonoses in psittacine birds. *J. Inf. Dis.* 149:123-124.
927. PAPERNA, I. & LANDAU, I. 1990. *Billbraya australis* n. gen. n. sp. from the South Australian gecko *Phyllodactylus marmoratus*. *Ann. Parasitol. Hum. Comp.* 65:170-176.
928. PAPERNA, I. & LANDAU, I. 1990. *Fallisia copemani* n.sp. (Haemosporidia: Garniidae) from the Australian skink *Carlia rhomboidalis*. *Ann. Parasitol. Hum. Comp.* 65:16-21.
929. PAPERNA, I. & LANDAU, I. 1990. Fine structure of a macrogametocyte of *Fallisia copemani* Paperna and Landau 1990 (Haemosporidia: Garniidae). *Ann. Parasitol. Hum. Comp.* 65:214-217.
930. PAPERNA, I. & LANDAU, I. 1991. *Haemoproteus* (Haemosporidia) of lizards. *Bull. Mus. natl. Hist. nat., Paris* 13:309-349.
931. PAPERNA, I. 1993. Ultrastructural study of *Eimeria gastrostauris* a coccidium from the stomach epithelium of Australian geckoes. *Ann. Parasitol. Hum. Comp.* 68:70-75.
932. PAPERNA, I. 1994. *Eimeria gastrostauris* n. sp. (Apicomplexa: Eimeriidae) from the stomach epithelium of Australian geckoes. *Syst. Parasitol.* 28:15-21.
933. PARKER, R. 1981. The occurrence in Australia of the bovine coccidia *Eimeria bukidnonensis* Tubangui 1931 and *E. wyomingensis* Huizinga and Winger 1942. *J. Parasitol.* 67:724-725.
934. PARKER, R.J., BOOTHBY, K., POLKINGHORNE, I. & HOLROYD, R.G. 1984. Coccidiosis associated with post-weaning diarrhoea in beef calves in a dry tropical region. *Aust. Vet. J.* 61:181-183.
935. PARKER, R.J., SCOTT, C.D.B. & JEBOULT, J.W. 1985. Cryptosporidial diarrhoea. *Med. J. Aust.* 143:426.
936. PARKER, R.J., JONES, G.W., ELLIS, K.J., HEATER, K.M., SCHROTER, K.L., TYLER, R. & HOLROYD, R.G. 1986. Post-weaning coccidiosis in beef calves in the dry tropics: experimental control with continuous monensin supplementation via intra-ruminal devices and concurrent epidemiological observations. *Trop. Anim. Hlth. Prod.* 18:198-208.
937. PARKER, R.J. & JONES, G.W. 1987. The development of eimerian infections during the first eight months of life in unweaned beef calves in a dry tropical region of Australia. *Vet. Parasitol.* 25:1-7.
938. PARKER, S.J., SMITH, F.M. & JOHNSON, A.M. 1991. Murine immune responses to recombinant *Toxoplasma gondii* antigens. *J. Parasitol.* 77:402-409.
939. PARSONSON, I.M., CLARK, B.L. & DUFTY, J. 1974. The pathogenesis of *Tritrichomonas foetus* infection in the bull. *Aust. Vet. J.* 50:421-423.
940. PARSONSON, I.M., CLARK, B.L. & DUFTY, J.H. 1976. Early pathogenesis and pathology of *Tritrichomonas foetus* infection in virgin heifers. *J. Comp. Path.* 86:59-66.
941. PASS, D.A. 1977. Suspect sporozoan abortion of cattle. *Vic. Vet. Proc.* 1977:30.
942. PATTEN, R.A. & CARNE, H.R. 1942. Enterohepatitis in the peafowl. *Aust. Vet. J.* 18:31-32.
943. PATTERSON, D.J. & DELVINQUIER, B.L.J. 1990. The fine structure of the cortex of the protist *Protoopalina australis* (Slopalinida, Opalinidae) from *Litoria nasuta* and *L. inermis* (Amphibia: Anura: Hylidae) in Queensland, Australia. *J. Protozool.* 37:449-455.
944. PATTON, S., JOHNSON, L., LOEFFLER, D.G., WRIGHT, B.G. & JENSEN, J.M. 1986. Epizootic of toxoplasmosis in kangaroos, wallabies, and potoroos: possible transmission via domestic cats. *J. Am. Vet. Med. Ass.* 189:1166-1169.
945. PAYNTER, J.L. 1986. The disease status of freshwater prawns and crayfish. Pp 99-104, 112-113, 151-152 in *Freshwater Aquaculture in Australia*. (Rural Press Queensland: Brisbane).
946. PELLERDY, L.P. 1963. Catalogue of Eimeriidea (Protozoa; Sporozoa). (Hungarian Academy of Sciences: Budapest).
947. PELLERDY, L.P. 1965. Coccidia and Coccidiosis. (Akademiai Kiado: Budapest).
948. PELLERDY, L.P. 1969. Catalogue of Eimeriidea (Protozoa, Sporozoa). Supplementum I. (Akademiai Kiado: Budapest).
949. PELLERDY, L.P. 1974. Coccidia and Coccidiosis. 2nd edition. (Parey, Berlin).
950. PERKINS, F.O. & WOLF, P.H. 1976. Fine structure of *Marteilia sydneyi* sp. n. - haplosporidian pathogen of Australian oysters. *J. Parasitol.* 62:528-538.
951. PHILBEY, A.W. & INGRAM, B.A. 1991. Coccidiosis due to *Goussia lomi* (Protista: Apicomplexa) in aquarium-reared Murray cod, *Maccullochella peelii* (Mitchell), (Percechthyidae). *J. Fish Dis.* 14:237-242.
952. PHILLIPS, P.H. & FORD, G.E. 1980. The clinical pathology of the cyst-forming sporozoa in farm animals. *Aust. Adv. Vet. Sci.* 1980:63-65.
953. PHILLIPS, R.E., BOREHAM, P.F.L. & SHEPHERD, R.W. 1984. Cryopreservation of viable *Giardia intestinalis* trophozoites. *Trans. Roy. Soc. Trop. Med. Hyg.* 78:604-606.
954. PHILLIPS, P.H. & FORD, G.E. 1987. Clinical, haematological and plasma biochemical changes in specified-pathogen-free (Sporozoa) lambs experimentally infected with low numbers of *Sarcocystis tenella* sporocysts. *Vet. Parasitol.* 24:15-23.

955. PIERCE, A.E. 1956. Protozoan diseases transmitted by the cattle tick. *Aust. Vet. J.* 32:210-215.
956. PLANT, J.W., BEH, K.J. & ACLAND, H.M. 1972. Laboratory findings from ovine abortion and perinatal mortality. *Aust. Vet. J.* 48:558-561.
957. PLANT, J.W., RICHARDSON, N. & MOYLE, G.G. 1974. *Toxoplasma* infection and abortion in sheep associated with feeding of grain contaminated with cat faeces. *Aust. Vet. J.* 50:19-21.
958. PLANT, J.W., FREEMAN, P. & SAUNDERS, E. 1982. Serological survey of the prevalence of *Toxoplasma gondii* antibodies in rams in sheep flocks in New South Wales. *Aust. Vet. J.* 59:87-89.
959. PLIMMER, H.G. 1912. On certain blood parasites. *J. Roy. Micr. Soc.* 1912:133-150.
960. PLIMMER, H. 1915. Report on deaths in Zool. Gardens, together with a list of the blood parasites found during the year (1914). *Proc. Zool. Soc. London* (1915):123-130.
961. POPE, J.H., BICKS, V.A. & COOK, I. 1957. *Toxoplasma* in Queensland. II. Natural infections in bandicoots and rats. *Aust. J. Expt. Biol.* 35:481-490.
962. POPE, J.H., DERRICK, E.H. & COOK, I. 1957. *Toxoplasma* in Queensland. I. Observations on a strain of *Toxoplasma gondii* isolated from a bandicoot, *Thylacis obesulus*. *Aust. J. Expt. Biol.* 35:467-480.
963. POUND, C.J. 1893. Redwater fever in cattle in the Gulf district. (Govt. Printer: Brisbane).
964. POUND, C.J. 1897. Tick fever. *Qld. Agric. J.* 1:258-259.
965. POUND, C.J. 1905. On *Trypanosoma* and their presence in the blood of Brisbane rats. *Proc. Roy. Soc. Qld.* 19:33-38.
966. POUND, C.J. 1907. Some investigations into tick fever and means for its prevention. *Qld. Agric. J.* 18:283-293.
967. PRASAD, H. 1960. A new species of coccidia of the red kangaroo *Macropus rufus* *Mamm. Z. Parasitenkd.* 20:385-389.
968. PRESIDENTE, P.J.A. 1978. Diseases seen in free-ranging marsupials and those held in captivity. Pp 457-471 in *Fauna - Part B* (Postgraduate Committee in Veterinary Science: University of Sydney).
969. PRESIDENTE, P.J., BARNETT, J.L., HOW, R.A. & HUMPHREYS, W.F. 1982. Effects of habitat, host sex and age on the parasites of *Trichosurus caninus* (Marsupialia: Phalangeridae) in northeastern New South Wales. *Aust. J. Zool.* 30:33-47.
970. PRESIDENTE, P.J.A. 1982. Common brushtail possum *Trichosurus vulpecula*: maintenance in captivity, blood values, diseases and parasites. Pp 55-66 in Evans, D.D. (ed.) *The Management of Australian Mammals in Captivity*. (Zoological Board of Victoria: Melbourne).
971. PRESIDENTE, P.J.A. 1982. Common ringtail possum *Pseudocheirus peregrinus*: maintenance in captivity, blood values and diseases. Pp 75-81 in Evans, D.D. (ed.) *The Management of Australian Mammals in Captivity*. (The Zoological Board of Victoria: Melbourne).
972. PRESIDENTE, P.J.A. 1982. Common wombat *Vombatus ursinus*: maintenance in captivity, blood values, infectious and parasitic diseases. Pp 133-143 in Evans, D.D. (ed.) *The Management of Australian Mammals in Captivity*. (The Zoological Board of Victoria: Melbourne).
973. PRESIDENTE, P.J.A. 1984. Parasites and diseases of brushtail possums (*Trichosurus* spp.): occurrence and significance. Pp 171-190 in Smith, A.P. & Hume, I.D. (ed.) *Possums and Gliders* (Australian Mammal Society: Sydney).
974. PRIESTLEY, H. 1915. *Theileria tachyglossi* (n.sp.). A blood parasite of *Tachyglossus aculeatus*. *Ann. Trop. Med. Parasitol.* 9:233-238.
975. PYE, D. & COX, J.C. 1979. Simple focus assay for *Encephalitozoon cuniculi*. *Lab. Anim.* 13:193-195.
976. RAC, R. & WILSON, R.L. 1959. Globidiosis in sheep. *Aust. Vet. J.* 35:455-456.
977. RAC, R. & HRECZKO, I. 1960. Trichomoniasis in chickens. *Aust. Vet. J.* 36:473-474.
978. RAFF, J.W. 1911. Protozoa parasitic in the large intestine of Australian frogs. Part I. *Proc. Roy. Soc. Vic.* 23:586-596.
979. RAFF, J.W. 1911. Protozoa parasitic in the large intestine of Australian frogs. Part II. *Proc. Roy. Soc. Vic.* 24:343-352.
980. RANBY, P.D. 1965. Programmes of disease control on commercial poultry farms. *Aust. Vet. J.* 41:104-106.
981. RATCLIFFE, H. & WORTH, C.B. 1951. Toxoplasmosis in captive wild birds and mammals. *Am. J. Pathol.* 27:655-667.
982. RAY, B.K., BAILEY, C.W., JENSEN, J.B. & CARSON, C.A. 1992. Chromosomes of *Babesia bovis* and *Babesia bigemina*. *Mol. Biochem. Parasitol.* 52:123-126.
983. REDDACLIFF, G.L. 1985. Diseases of Aquarium Fishes. A Practical Guide for the Australian Veterinarian. *Veterinary Review No. 25* (Post Graduate Foundation in Veterinary Science: University of Sydney).
984. REDDACLIFF, G.L. 1988. Diseases of aquarium fish. Pp 299-327 in *Fish diseases. Refresher Course for Veterinarians*. (Post Graduate Committee in Veterinary Science: University of Sydney).

985. REDDACLIFF, G.L., PARKER, S.J., DUBEY, J.P., NICHOLLS, P.J., JOHNSON, A.M. & COOPER, D.W. 1993. An attempt to prevent acute toxoplasmosis in macropods by vaccination with *Hammondia hammondi*. Aust. Vet. J. 70:33-35.
986. REDDACLIFF, G.L., HARTLEY, W.J., DUBEY, J.P. & COOPER, D.W. 1993. Pathology of experimentally-induced, acute toxoplasmosis in macropods. Aust. Vet. J. 70:4-6.
987. REECE, R.L., DENNETT, D.P. & JOHNSON, R.H. 1981. *Tritrichomonas foetus* agglutination tests upon samples collected from cattle: cross-reactions associated with vaccination against *Campylobacter fetus* subsp *venerealis*. Aust. Vet. J. 57:352-353.
988. REECE, R.L. 1989. Hepatic coccidiosis (*Eimeria* sp.) in a wild magpie-lark (*Grallina cyanoleuca*). Avian Pathol. 18:357-362.
989. REECE, R.L., SCOTT, P.C. & BARR, D.A. 1992. Some unusual diseases in the birds of Victoria, Australia. Vet. Record 130:178-185.
990. REECE, R.L., BEDDOME, V.D., BARR, D.A. & SCOTT, P.C. 1992. Common necropsy findings in captive birds in Victoria, Australia (1978-1987) J. Zoo Wildlife Med. 23:301-312.
991. REPPAS, G.P. & COLLINS, G.H. 1995. *Eimeria leuckarti* infections in three foals. Aust. Vet. J. 72:63-64.
992. REYE, R.D.K. & TENSELDAM, R.E.J. 1956. *Pneumocystis* pneumonia. J. Pathol. Bact. 72:451-458.
993. REYNOLDSON, J.A., THOMPSON, R.C.A. & HORTON, R.J. 1992. Albendazole as a future anti-giardial agent. Parasitol. Today 8:412-414.
994. REYNOLDSON, J.A., THOMPSON, R.C.A. & MELONI, B.P. 1992. The potential and possible mode of action of the benzimidazoles against *Giardia* and other protozoa. J. Pharm. Med. 2:35-50.
995. REYNOLDSON, J.A. 1994. New approaches in chemotherapy. Pp 339-355 in Thompson, R.C.A., Reynoldson, J.A. & Lymbery, A.J. (ed.) *Giardia: from molecules to disease*. (CAB International: London).
996. RICHARDSON, L.R. & HUNT, P.J. 1967. Trypanosomes in the crop of an haemadispid leech. Aust. J. Sci. 30:374-375.
997. RICKARD, M.D. & MUNDAY, B.L. 1976. Host specificity of *Sarcocystis* spp. in sheep and cattle. Aust. Vet. J. 52:48.
998. RIEK, R.F. 1964. Treatment of bovine babesiosis with a diamidine compound. Aust. Vet. J. 40:261-262.
999. RIEK, R.F. 1964. The life cycle of *Babesia bigemina* (Smith & Kilborne, 1893) in the tick vector *Boophilus microplus* Canestrini. Aust. J. Agric. Res. 15:802-821.
1000. RIEK, R.F. 1966. The life cycle of *Babesia argentina* (Lignieres, 1903) (Sporozoa: Piroplasmidea) in the tick vector *Boophilus microplus* (Canestrini). Aust. J. Agric. Res. 17:247-254.
1001. RIEK, R.F. 1982. Epidemiology and transmission of *Theileria* sp. of cattle in Australia. Aust. Vet. J. 59:89-92.
1002. RIEMANN, H.P., BEHYMER, D.E., FOWLER, M.E., SCHULZ, T., LOCK, A., ORTHOEFER, J.G., SILVERMAN, S. & FRANTI, C.E. 1974. Prevalence of antibodies to *Toxoplasma gondii* in captive exotic mammals. J. Am. Vet. Med. Ass. 165:798-800.
1003. RIGG, A. 1957. Kala-azar in a child of five years. Med. J. Aust. 1:389-391.
1004. RISTIC, M. & LEWIS, G.E. 1977. *Babesia* in man and wild and laboratory-adapted mammals. Pp 53-76 in Kreier, J.P. (ed.) Parasitic Protozoa. (Academic Press: New York).
1005. ROBERTS, F.H.S. 1937. A note on the occurrence of enterohepatitis or "blackhead" in chickens. Aust. Vet. J. 13:158-161.
1006. ROBERTS, F.H.S. 1943. Observations on *Anopheles annulipes* Walk. as a possible vector of malaria. 1. The relative susceptibility of *An. annulipes* and *An. punctulatus* var. *moluccensis* Sw. to experimental infection with malaria parasites. Aust. J. Exptl. Biol. Med. Sci. 21:259-262.
1007. ROBERTS, E.D., WILLIAMS, J.C. & PIRIE, G. 1973. Naturally occurring gastric amebiasis in the wallaroo. Vet. Pathol. 10:323-329.
1008. ROBERTS-THOMSON, I.C. & MITCHELL, G.F. 1978. Giardiasis in mice. I. Prolonged infections in certain mouse strains and hypothyroid (nude) mice. Gastroenterol. 75:42-46.
1009. ROBERTS-THOMSON, I.C. & MITCHELL, G.F. 1979. Protection of mice against *Giardia muris* infection. Infect. Immun. 24:971-973.
1010. ROBERTSON, E.G. 1946. Toxoplasmic encephalomyelitis, with the report of two cases. Med. J. Aust. 2:449-452.
1011. ROBSON, J.M.B., WOOD, R.N. & LEWIS, B.R. 1995. A probable foodborne outbreak of toxoplasmosis. Communicable Dis. Intell. 19:517-522.
1012. ROGERS, R.J. & CALLOW, L.L. 1966. Three fatal cases of *Theileria mutans* infection. Aust. Vet. J. 42:42-46.
1013. ROGERS, R.J. 1971. Observations on the pathology of *Babesia argentina* infections in cattle. Aust. Vet. J. 47:242-247.
1014. ROGERS, R.J. 1971. The acquired resistance to *Babesia argentina* of cattle exposed to light infestation with cattle tick (*Boophilus microplus*). Aust. Vet. J. 47:237-241.

1015. ROGERS, R.J. 1971. An evaluation of tick fever outbreaks in northern Queensland in recent years. *Aust. Vet. J.* 47:415-417.
1016. ROGERS, R.J., FLANAGAN, M. & HILL, M.W.M. 1972. A survey of infectious causes of reproductive failure in beef cattle in north-eastern Australia. *Aust. Vet. J.* 48:203-207.
1017. ROHDE, K. 1976. Marine parasitology in Australia. *Search* 7:477-482.
1018. ROSS, D.R. & MAHONEY, D.F. 1974. Bovine babesiosis: computer simulation of *Babesia argentina* parasite rates in *Bos taurus* cattle. *Ann. Trop. Med. Parasitol.* 68:385-392.
1019. ROTHE, J., MCDONALD, P.J. & JOHNSON, A.M. 1985. Detection of *Toxoplasma* cysts and oocysts in an urban environment in a developed country. *Pathol.* 17:497-499.
1020. ROTHWELL, J.T. & LANGDON, J.S. 1990. Spinal curvature associated with *Myxobolus* sp. cysts in the brain of sand-flathead (*Platycephalus bassensis* L.). *J. Appl. Ichthyol.* 6:244-246.
1021. ROTHWELL, J.T., VIRGONA, J.L., CALLINAN, R.B., NICHOLLS, P.J. & LANGDON, J.S. 1997. Occurrence of cutaneous infections of *Myxobolus episquamalis* (Myxozoa: Myxobolidae) in sea mullet, *Mugil cephalus* L., in Australia. *Aust. Vet. J.* 75:349-352.
1022. ROUBAL, F.R., LESTER, R.J.G. & FOSTER, C.K. 1989. Studies on cultured and gill-attached *Paramoeba* sp. (Gymnamoebae: Paramoebidae) and the cytopathology of paramoebic gill disease in Atlantic salmon, *Salmo salar* L., from Tasmania. *J. Fish Dis.* 12:481-492.
1023. ROUBAL, F.R., MASEL, J. & LESTER, R.J.G. 1989. Studies on *Marteilia sydneyi*, agent of QX disease in the Sydney rock oyster, *Saccostrea commercialis*, with implications for its life cycle. *Aust. J. Mar. Freshwater Res.* 40:155-167.
1024. ROUBAL, F.R. 1994. Histopathological and ecological aspects of *Henneguya* and *Myxobolus* (Myxosporea) infections in *Acanthopagrus australis* (Gunther) (Pisces: Sparidae) from Moreton Bay, Australia. *J. Fish Dis.* 17:495-512.
1025. ROUBAL, F.R. 1994. Infection of the kidney of *Acanthopagrus australis* (Pisces: Sparidae) with *Sphaerospora* sp. (Myxosporea), *Prosorhynchus* sp. (Digenea), and cysts of unknown origin. *Dis. Aquatic Org.* 20:83-93.
1026. ROUGHLEY, T.C. 1932. Note on white-spot disease of goldfish. *Proc. Linn. Soc. N.S.W.* 57:32-33.
1027. ROUGHLEY, T.C. 1951. *Fish and Fisheries of Australia.* (Angus & Robertson: Sydney).
1028. ROUSELL, T.J., BADENOCH, P.R., CHANDRARATNAM, E. & COSTER, D.J. 1985. Acanthamoebic keratitis in a healthy Australian man. *Med. J. Aust.* 143:615-617.
1029. ROWLAND, S.J., INGRAM, B.A. & PROKOP, F.B. 1991. Suspected cysts of the protozoan parasite *Chilodonella hexasticha*. *Bull. Eur. Ass. Pathol.* 11:159-161.
1030. ROWLAND, S.J. & INGRAM, B.A. 1991. Diseases of Australian native freshwater fishes with particular emphasis on the ectoparasitic and fungal diseases of Murray cod (*Maccullochella peeli*), golden perch (*Macquaria ambigua*) and silver perch (*Bidyanus bidyanus*). *Fisheries Bulletin* 4, N.S.W. Dept. Agric. & Fisheries.
1031. ROY-SMITH, F. 1971. The prophylactic effects of imidocarb against *Babesia argentina* and *Babesia bigemina* infections in cattle. *Aust. Vet. J.* 47:418-420.
1032. RYAN, P., HURLEY, S.F., JOHNSON, A.M., SALZBERG, M., LEE, M.W., NORTH, J.B., MCNEIL, J.J. & MCMICHAEL, A.J. 1993. Tumours of the brain and presence of antibodies to *Toxoplasma gondii*. *Int. J. Epidemiol.* 22:412-419.
1033. RZEP CZYK, C.M. 1974. Evidence of a rat-snake life cycle for *Sarcocystis*. *Int. J. Parasitol.* 4:447-449.
1034. RZEP CZYK, C. & SCHOLTYSECK, E. 1976. Light and electron microscope studies on the *Sarcocystis* of *Rattus fuscipes*, an Australian rat. *Z. Parasitenkd.* 50:137-150.
1035. SAMBON, L.W. & SELIGMANN, C.G. 1907. Descriptions of five new species of haemogregarines from snakes. *Proc. Zool. Soc. London* (1907):283-284.
1036. SARGENT, K.D., MORGAN, U.M., ELLIOT, A. & THOMPSON, R.C.A. 1998. Morphological and genetic characterisation of *Cryptosporidium* oocysts from domestic cats. *Vet. Parasitol.* 77:221-227.
1037. SAVINI, G., DUNSMORE, J.D., ROBERTSON, I.D. & SENEVIRATNA, P. 1992. The epidemiology of *Sarcocystis* spp. in cattle of Western Australia. *Epidemiol. Infect.* 108:107-113.
1038. SAVINI, G., DUNSMORE, J.D., ROBERTSON, I.D. & SENEVIRATNA, P. 1992. *Sarcocystis* spp. in Western Australian cattle. *Aust. Vet. J.* 69:201-202.
1039. SAVINI, G., DUNSMORE, J.D., ROBERTSON, I.D. & SENEVIRATNA, P. 1993. *Sarcocystis* spp. in Western Australian sheep. *Aust. Vet. J.* 70:152-154.
1040. SAVINI, G., DUNSMORE, J.D. & ROBERTSON, I.D. 1993. A survey of Western Australian dogs for *Sarcocystis* spp. and other intestinal parasites. *Aust. Vet. J.* 70:275-276.
1041. SAVINI, G., DUNSMORE, J.D. & ROBERTSON, I.D. 1994. Evaluation of a serological test system for the diagnosis of *Sarcocystis cruzi* infection in cattle using *S. cruzi* merozoite antigen. *Vet. Parasitol.* 51:181-189.

1042. SAVINI, G., ROBERTSON, I.D. & DUNSMORE, J.D. 1994. Risk factors associated with the occurrence of sarcocystis in Western Australia: results of a postal survey. *Prev. Vet. Med.* 19:137-144.
1043. SAVINI, G., ROBERTSON, I.D. & DUNSMORE, J.D. 1996. Viability of the sporocysts of *Sarcocystis cruzi* after exposure to different temperatures and relative humidities. *Vet. Parasitol.* 67:153-160.
1044. SAVINI, G., DUNSMORE, J.D. & ROBERTSON, I.D. 1996. Studies on pathogenesis, tissue infection and congenital transmission in cows experimentally infected with *Sarcocystis cruzi* by various routes. *Vet. Parasitol.* 64:319-327.
1045. SAVINI, G., ROBERTSON, I.D. & DUNSMORE, J.D. 1997. Sensitivities and specificities of two ELISA tests for detecting infection with *Sarcocystis* in cattle of Western Australia. *Prev. Vet. Med.* 32:35-40.
1046. SAVINI, G., ROBERTSON, I.D. & DUNSMORE, J.D. 1997. Class-specific antibody responses in cattle following experimental challenge with sporocysts or merozoites of *Sarcocystis cruzi*. *Vet. Parasitol.* 72:121-127.
1047. SAVINI, G., ROBERTSON, I.D. & DUNSMORE, J.D. 1997. Excystation rates and infectivity of sporocysts of *Sarcocystis cruzi* exposed to different treatments and storages. *Vet. Parasitol.* 73:17-25.
1048. SCHALL, J.J. 1996. Malarial parasites of lizards: diversity and ecology. *Ad v. Parasitol.* 37:255-333.
1049. SCHMIDT, K., JOHNSTON, M.R.L. & STEHBENS, W.E. 1967. Fine structure of the schizont and merozoite of *Isospora* sp. (Sporozoa: Eimeriidae) parasitic in *Gehyra variegata* (Dumeril and Bibron, 1836) (Reptilia: Gekkonidae). *J. Protozool.* 14:602-608.
1050. SCHOFIELD, P.J., COSTELLO, M., EDWARDS, M.R. & O'SULLIVAN, W.J. 1990. The arginine dihydrolase pathway is present in *Giardia intestinalis*. *Int. J. Parasitol.* 20:697-699.
1051. SCHULTZ, D.J. 1978. Diseases of parrots. Pp 223-244 in *Fauna Part B* (Post Graduate Committee in Veterinary Science: University of Sydney).
1052. SCHULTZ, D.J. 1981. Alimentary tract disease. Pp 535-562 in *Refresher Course on Aviary and Caged Birds* (Post Graduate Committee in Veterinary Science: University of Sydney).
1053. SCHUPPEL, K.F. & KRONBERGER, H. 1976. Leukozytozeninfektion bei Australischen und Neuseelandischen Sittichen. Pp 69-72 in *Erkrankungen der Zootiere. (Verhandlungsbericht des XVIII Internationales Symposium der Zootiere: Innsbruck)*.
1054. SCOTT, H.H. 1927. Report on the deaths occurring in the Society's Gardens during the year 1926. *Proc. Zool. Soc. London* (1927):173-198.
1055. SCOTT, H.H. 1928. Report on deaths occurring in the Society's Garden during the year 1927. *Proc. Zool. Soc. London* (1928):81-119.
1056. SCRIVENER, A.M., SLAYTOR, M. & ROSE, H.A. 1989. Symbiont-independent digestion of cellulose and starch in *Panesthia cribrata* Saussure, an Australian wood-eating cockroach. *J. Insect Physiol.* 35:935-941.
1057. SEDDON, H.R. & CARNE, H.R. 1927. Incidence of coccidiosis in Australian rabbits as determined by faecal examination. *Vet. Res. Rep.* 3:33-42.
1058. SEDDON, H.R. 1933. A note on piroplasmosis in New South Wales. *Aust. Vet. J.* 9:19-20.
1059. SEDDON, H.R. 1952. Diseases of domestic animals in Australia. Part 4. Protozoan and viral diseases. (Dept. Hlth. Serv. Publ., Div. Vet. Hyg. No. 8: Canberra).
1060. SEDDON, H.R. & ALBISTON, H.E. 1966. Diseases of domestic animals in Australia. Part 4. Protozoan and virus diseases. 2nd. ed. (Dept. Hlth. Service Publ., Vet. Hyg. No. 8: Canberra).
1061. SELOSSE, P.M. & ROWLAND, S.J. 1990. Use of common salt to treat ichthyophthiriasis in Australian freshwater fishes. *Progressive Fish-Culturist* 52:124-127.
1062. SEMPLE, G.P. 1995. Occurrence of pathogenic *Thelohania* (Microsporida: Nosematidae) in the Australian freshwater crayfish, *Cherax quadricarinatus* (Decapoda: Parastacidae). *Proc. Linn. Soc. N.S.W.* 115:225-231.
1063. SFAMENI, S.F., SKURRIE, I.J. & GILBERT, G.L. 1986. Antenatal screening for congenital infection with rubella, cytomegalovirus and *Toxoplasma*. *Aust. N.Z. J. Obstet. Gynaecol.* 26:257-260.
1064. SHARMA, A.W. & MAYRHOFER, G. 1988. A comparative study of infections with rodent isolates of *Giardia duodenalis* in inbred strains of rats and mice and in hypothymic nude rats. *Parasite Immunol.* 10:169-179.
1065. SHAW, J., DUNSMORE, J. & JAKOB-HOFF, R. 1983. Prevalence of some gastrointestinal parasites in cats in the Perth area. *Aust. Vet. J.* 60:151-152.
1066. SHEPHERD, R.W. & BOREHAM, P.F.L. 1989. Recent advances in the diagnosis and management of giardiasis. *Scand. J. Gastroenterol.* 24:60-64.
1067. SHIELDS, J.D. 1992. Parasites and symbionts of the crab *Portunus pelagicus* from Moreton Bay, eastern Australia. *J. Crustacean Biol.* 12:94-100.
1068. SHIELDS, J.D. 1994. The parasitic dinoflagellates of marine crustaceans. *Ann. Rev. Fish Dis.* 4:241-271.

1069. SIMMONS, G.C. & LAWS, L. 1957. Observations on bovine trichomoniasis. *Aust. Vet. J.* 33:249-253.
1070. SINDERMANN, C.J. 1966. Diseases of marine fishes. *Adv. Mar. Biol.* 4:1-89.
1071. SLAYTOR, M. 1992. Cellulose digestion in termites and cockroaches: what role do symbionts play? *Comp. Biochem. Physiol.* 103B:775-784.
1072. SLOCOMBE, R.F. 1980. Induction of ichthyosporidiosis in brown trout (*Salmo trutta*) by feeding raw mullet. *Aust. Vet. J.* 56:585-587.
1073. SMALES, L.R., MILLER, A.K. & OBENDORF, D.L. 1990. Parasites of the water rat, *Hydromys chrysogaster*, from Victoria and South Australia. *Aust. J. Zool.* 37:657-663.
1074. SMALES, L.R. & OBENDORF, D.L. 1996. Protozoan parasites and pathological findings in *Hydromys chrysogaster* (Muridae: Hydromyinae) from Queensland. *J. Wildlife Dis.* 32:344-347.
1075. SMALLRIDGE, C.J., COOPER, D.J. & PINNOCK, D.E. 1995. The effect of the microsporidium *Octospora muscaedomesticae* on adult *Lucilia cuprina* (Diptera: Calliphoridae) *J. Invert. Pathol.* 66:196-197.
1076. SMALLRIDGE, C. & PAPERNA, I. 1997. The tick-transmitted haemogregarinid of the Australian sleepy lizard *Tiliqua rugosa* belongs to the genus *Hemolivia*. *Parasite* 4:359-363.
1077. SMITH, I.D. 1961. Ovine toxoplasmosis as a cause of reproductive wastage. Preliminary observations. *Aust. Vet. J.* 37:18-21.
1078. SMITH, I.D. 1962. Observations of ovine abortion, with particular reference to toxoplasmosis and virus abortion. *Aust. Vet. J.* 38:143-146.
1079. SMITH, I.D. 1965. Pathogenicity to pregnant ewes of two strains of *Toxoplasma gondii* isolated from the water rat (*Hydromys chrysogaster*). *Aust. Vet. J.* 41:282-284.
1080. SMITH, I.D. & MUNDAY, B.L. 1965. Observations on the incidence of *Toxoplasma gondii* in native and introduced feral fauna in eastern Australia. *Aust. Vet. J.* 41:285-286.
1081. SMITH, N.C., BRYANT, C. & BOREHAM, P.F.L. 1988. Possible roles for pyruvate:ferredoxin oxidoreductase and thiol-dependent peroxidase and reductase activities in resistance to nitroheterocyclic drugs in *Giardia intestinalis*. *Int. J. Parasitol.* 18:991-997.
1082. SPEARE, R., JOHNSON, R.M. & HAFFENDEN, A. 1982. Management of disease in captive macropods in north Queensland. Pp 117-124 in Evans, D.D. (ed.) *The Management of Australian Mammals in Captivity*. (Zoological Board of Victoria: Melbourne).
1083. SPEARE, R., BEVERIDGE, I., JOHNSON, P.M. & CORNER, L.A. 1983. Parasites of the agile wallaby, *Macropus agilis* (Marsupialia). *Aust. Wildl. Res.* 10:89-96.
1084. SPEARE, R., HAFFENDEN, A.T., DANIELS, P.W., THOMAS, A.D. & SEAWRIGHT, C.D. 1984. Diseases of the Herbert River ringtail, *Pseudocheirus herbertensis*, and other north Queensland rainforest possums. Pp 283-302 in Smith, A.P. & Hume, I.D. (ed.) *Possums and Ringtails* (Australian Mammal Society: Sydney).
1085. SPEARE, R. 1985. The veterinary aspects of man as an intermediate host for *Toxoplasma gondii*. *Aust. Vet. Practit.* 15:11-18.
1086. SPEARE, R., DONOVAN, J.A., THOMAS, A.D. & SPEARE, P.J. 1989. Diseases of free-ranging Macropodoidea. Pp 705-734 in Grigg, G., Jarman, P. & Hume, I. (ed.) *Kangaroos, Wallabies and Rat-kangaroos*. (Surrey Beatty & Sons: Sydney).
1087. SPEARE, R. 1990. A review of the diseases of the cane toad, *Bufo marinus*, with comments on biological control. *Aust. Wildlife Res.* 17:387-410.
1088. SPENCER, M. 1994. Malaria and the Land Headquarters Medical Research Unit, 1943-1946. *Med. J. Aust.* 161:78-82.
1089. SPENCER, M. 1994. Malaria. The Australian experience 1843-1991. Australasian College of Tropical Medicine (Image Print: Townsville).
1090. STANDFAST, N.F. & JORGENSEN, W.K. 1997. Comparison of the infectivity of *Babesia bovis*, *Babesia bigemina* and *Anaplasma centrale* for cattle after cryopreservation in either dimethylsulphoxide (DMSO) or polyvinylpyrrolidone (PVP). *Aust. Vet. J.* 75:62-63.
1091. STEHBENS, W.E. 1966. Observations on *Lankesterella hylae*. *J. Protozool.* 13:59-62.
1092. STEHBENS, W.E. 1966. The ultrastructure of *Lankesterella hylae*. *J. Protozool.* 13:63-73.
1093. STEHBENS, W.E. & JOHNSTON, M.R.L. 1967. The ultrastructure of a haemogregarine parasitic in *Gehyra variegata* (Dumeril & Bibron, 1836). *Parasitol.* 57:251-261.
1094. STEHBENS, W.E. & JOHNSTON, M.R.L. 1968. Cystic bodies and schizonts associated with a haemogregarine (sporozoa) parasitic in *Gehyra variegata* (Reptilia: Gekkonidae) *J. Parasitol.* 54:1151-1165.
1095. STENZEL, D.J., DUNN, L.A. & BOREHAM, P.F.L. 1989. Endocytosis in cultures of *Blastocystis hominis*. *Int. J. Parasitol.* 19:787-791.
1096. STENZEL, D.J., BOREHAM, P.F.L. & MCDUGALL, R. 1991. Ultrastructure of *Blastocystis hominis* in human stool samples. *Int. J. Parasitol.* 21:807-812.
1097. STENZEL, D.J. & BOREHAM, P.F.L. 1991. A cyst-like stage of *Blastocystis hominis*. *Int. J. Parasitol.* 21:613-615.

1098. STENZEL, D.J. & BOREHAM, P.F.L. 1993. Ultrastructure of *Blastocystis hominis*. J. Computer-Assisted Microscopy 5:13-16.
1099. STENZEL, D.J., CASSIDY, M.F. & BOREHAM, P.F.L. 1993. Morphology of *Blastocystis* sp. isolated from circus animals. Int. J. Parasitol. 23:685-687.
1100. STENZEL, D.J., CASSIDY, M.F. & BOREHAM, P.F.L. 1994. Morphology of *Blastocystis* sp. from domestic birds. Parasitol. Res. 80:131-137.
1101. STENZEL, D.J. & BOREHAM, P.F.L. 1994. Bacteria-like endosymbionts in *Blastocystis* sp. Int. J. Parasitol. 24:147-149.
1102. STEVENSON, W.J. & HUGHES, K.L. 1988. Synopsis of Zoonoses in Australia. 2nd. ed. (Aust. Govt. Publ. Service: Canberra).
1103. STEWART, N.P. 1978. Differences in the life cycles between a vaccine strain and an unmodified strain of *Babesia bovis* (Babes, 1889) in the tick *Boophilus microplus* (Cnestrini). J. Protozool. 25:497-501.
1104. STEWART, N.P., DEVOS, A.J., MCGREGOR, W. & SHIELS, I.A. 1988. Observations on the development of tick-transmitted *Theileria buffeli* (syn *T. orientalis*?) in cattle. Res. Vet. Sci. 44:338-342.
1105. STEWART, N.P., DEVOS, A.J., SHIELS, L.A. & JORGENSEN, W.K. 1989. Transmission of *Theileria buffeli* to cattle by *Haemaphysalis bancrofti* fed on artificially infected mice. Vet. Parasitol. 34:123-127.
1106. STEWART, J. 1994. Ratites. Pp 1284-1326 in Ritchie, B.W., Harrison, G.J. & Harrison, L.R. (ed.) Avian Medicine: Principles and Application. (Wingers Publ.: Lake Worth).
1107. STODART, E. 1968. Coccidiosis in wild rabbits, *Oryctolagus cuniculus* (L.), at four sites in different climatic regions in eastern Australia. Aust. J. Zool. 16:69-85.
1108. STODART, E. 1971. Coccidiosis in wild rabbits, *Oryctolagus cuniculus* (L.), at a site on the coastal plain in eastern Australia. Aust. J. Zool. 19:287-292.
1109. STUDDERT, M.J. & JOHNSON, K.G. 1959. *Toxoplasma* abortion and perinatal mortality in sheep. Aust. Vet. J. 35:502.
1110. SU, X.-Q. & WHITE, R.W.G. 1994. New myxosporeans (Myxozoa: Myxosporidia) from marine fishes of Tasmania, Australia. Acta Protozool. 33:251-259.
1111. SU, X.-Q. & WHITE, R.W.G. 1995. Trichodinid parasites (Ciliophora: Peritricha) from the gills of some Australian marine fishes. Syst. Parasitol. 32:53-59.
1112. SUPPERER, R. 1957. Zwei Coccidien, *Eimeria* (*Globidium*) *tasmaniae* n. sp. und *Eimeria* (*Eimeria*) *ursini* n. sp. aus dem Wombat (*Phascologomys ursinus* Shaw). Z. Parasitenkd. 17:510-513.
1113. SUTHERLAND, J.L. 1933. Protozoa from Australian termites. Quarterly Journal of microscopical science. 76:145-173.
1114. SUTHERLAND, A.K., SIMMONDS, G.C. & BELL, A.T. 1953. An outbreak of bovine trichomoniasis. Aust. Vet. J. 29:67-69.
1115. SUTHERLAND, A.K. 1955. Bovine trichomoniasis. Aust. Vet. J. 31:43-45.
1116. SWAN, C. & FRENCH, E. 1956. A case of toxoplasmosis. Med. J. Aust. 1:1009-1011.
1117. SWAN, J.M. & THOMPSON, R.C.A. 1986. The prevalence of *Giardia* in dogs and cats in Perth, Western Australia. Aust. Vet. J. 63:110-112.
1118. SWEENEY, A.W., HAZARD, I. & GRAHAM, M.F. 1985. Intermediate host for an *Amblyospora* sp. (Microsporida) infecting the mosquito, *Culex annulirostris*. J. Invert. Pathol. 46:98-102.
1119. SWEENEY, A.W., GRAHAM, M.F. & HAZARD, I. 1988. Life cycle of *Amblyospora dyxenoides* sp. nov. in the mosquito *Culex annulirostris* and the copepod *Mesocyclops albicans*. J. Invert. Pathol. 51:46-57.
1120. SWEENEY, A.W., DOGGETT, S.L. & GULLICK, G. 1989. Laboratory experiments on infection rates of *Amblyospora dyxenoides* (Microsporida: Amblyosporidae) in the mosquito *Culex annulirostris*. J. Invert. Pathol. 53:85-92.
1121. SWEENEY, A.W., DOGGETT, S.L. & GULLICK, G. 1989. Bioassay experiments on the dose response of *Mesocyclops* sp. copepods to meiospores of *Amblyospora dyxenoides* produced in *Culex annulirostris* mosquito larvae. J. Invert. Pathol. 53:118-120.
1122. SWEENEY, A.W., DOGGETT, S.L. & PIPER, R.G. 1990. Life cycle of *Amblyospora indicola* (Microsporida: Amblyosporidae), a parasite of the mosquito *Culex sitiens* and of *Apocyclops* sp. copepods. J. Invert. Pathol. 55:428-434.
1123. SWEENEY, A.W., DOGGETT, S.L. & PIPER, R.G. 1990. Life cycles and biology of microsporida infecting Australian mosquitoes. Pp 66-69 in Proceedings of Vth. International Colloquium on Invertebrate Pathology and Microbial Control. (Society for Invertebrate Pathology: Adelaide).
1124. TAYLOR, J.L., WAGNER, J.E., KUSEWITT, D.F. & MANN, P.C. 1979. *Klossiella* parasites of animals: a literature review. Vet. Parasitol. 5:137-144.
1125. TEDESCO, L.F., ERRICO, F. & DEL BAGLIVI, L.P. 1979. Diagnosis of *Tritrichomonas foetus* infection in bulls using two sampling methods and a transport medium. Aust. Vet. J. 55:322-324.
1126. TELFORD, S.R.J. 1979. A malarial parasite of Australian skinks, *Plasmodium mackerrasae* sp. n. J. Parasitol. 65:409-413.

1127. TELFORD, S.R. 1994. Plasmodia of reptiles. Pp 1-71 in Kreier, J.P. (ed.) Parasitic Protozoa 2nd. ed. (Academic Press: San Diego).
1128. TELFORD, S.R. 1995. The kinetoplastid hemoflagellates of reptiles. Pp 161-223 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
1129. TENTER, A.M. & JOHNSON, A.M. 1990. Human antibody response to the nucleoside triphosphate hydrolase of *Toxoplasma gondii*. J. Immunoassay 11:579-590.
1130. TENTER, A.M., JOHNSON, M.R. & JOHNSON, A.M. 1991. Effect of tryptic or peptic digestion or mechanical isolation on the extraction of proteins, antigens, and ribonucleic acids from *Sarcocystis muris* bradyzoites. J. Parasitol. 77:194-199.
1131. TENTER, A.M., ZIMMERMAN, G.L. & JOHNSON, A.M. 1991. Separation of antigens from *Sarcocystis* species using chromatofocusing. J. Parasitol. 77:727-736.
1132. TENTER, A.M. & JOHNSON, A.M. 1991. Recognition of recombinant *Toxoplasma gondii* antigens by human sera in an ELISA. Parasitol. Res. 77:197-203.
1133. TENTER, A.M. & JOHNSON, A.M. 1992. Comparison of *in vitro* translation products of *Sarcocystis gigantea* and *Sarcocystis tenella*. Int. J. Parasitol. 22:153-164.
1134. TENTER, A.M., VIETMEYER, C. & JOHNSON, A.M. 1992. Development of ELISAs based on recombinant antigens for the detection of *Toxoplasma gondii*-specific antibodies in sheep and cats. Vet. Parasitol. 43:189-201.
1135. TENTER, A.M., LUTON, K. & JOHNSON, A.M. 1994. Species-specific identification of *Sarcocystis* and *Toxoplasma* by PCR amplification of small subunit ribosomal RNA gene fragments. Appl. Parasitol. 35:173-188.
1136. TESTONI, F.J. 1974. Enzootic renal nosematosis in laboratory rabbits. Aust. Vet. J. 50:159-163.
1137. TEUSCHER, E.V. & STUNZI, H. 1956. Uber parasitologische Kotuntersuchungen bei Saugertieren des Zoologischen Gartens Zurich. Acta Trop. 13:262-269.
1138. THAM, V.L., KNIESBERG, S. & DIXON, B.R. 1982. Cryptosporidiosis in quails. Avian Pathol. 11:619-626.
1139. THAMMAPALERD, N., KOTIMANUSVANIJ, D., DUCHENE, M., UPCROFT, J.A., MITCHELL, R., HEALEY, A., SAMARAWICKREMA, N., THARAVANIJ, S., WIEDERMANN, G. & UPCROFT, P. 1996. Pyruvate:ferredoxin oxidoreductase from *Entamoeba histolytica* recognized by a monoclonal antibody. SE Asian J. Trop. Med. Pub. Hlth. 27:63-70.
1140. THOMAS, C., FINN, M., TWIGG, L., DEPLAZES, P. & THOMPSON, R.C.A. 1997. Microsporidia (*Encephalitozoon cuniculi*) in wild rabbits in Australia. Aust. Vet. J. 75:808-810.
1141. THOMPSON, S.W. & REED, T.H. 1957. Toxoplasmosis in a swamp wallaby. J. Am. Vet. Med. Ass. 131:545-549.
1142. THOMPSON, R.C.A., MELONI, B.P. & LYMBERY, A.J. 1988. Humans and cats have genetically-identical forms of *Giardia*: evidence of a zoonotic relationship. Med. J. Aust. 148:207-209.
1143. THOMPSON, R.C.A., LYMBERRY, A.J. & MELONI, B.P. 1988. Giardiasis a zoonosis in Australia? Parasitol. Today 4:201.
1144. THOMPSON, R.C.A., LYMBERRY, A.J. & MELONI, B.P. 1990. Genetic variation in *Giardia* Kunstler, 1882: taxonomic and epidemiological significance. Protozool. Abstr. 14:1-28.
1145. THOMPSON, R.C.A. 1992. Parasitic zoonoses - problems created by people, not animals. Int. J. Parasitol. 22:556-561.
1146. THOMPSON, R.C.A. 1992. Giardiasis. Pp 89-91 in Zoonoses. Australian Veterinarians in Public Health. (Post Graduate Committee in Veterinary Science: University of Sydney).
1147. THOMPSON, R.C.A., REYNOLDS, J.A. & LYMBERY, A.J. 1993. *Giardia* - from molecules to disease and beyond. Parasitol. Today 9:313-315.
1148. THOMPSON, R.C.A., MELONI, B.P., HOPKINS, R.M., DEPLAZES, P. & REYNOLDS, J.A. 1993. Observations on the endo- and ectoparasites affecting dogs and cats in Aboriginal communities in the north-west of Western Australia. Aust. Vet. J. 70:268-270.
1149. THOMPSON, R.C.A. & MELONI, B.P. 1993. Molecular variation in *Giardia*. Acta Tropica 53:167-184.
1150. THOMPSON, R.C.A., LYMBERY, A.J., PEARCE, D.A., FINN, K.C., REYNOLDS, J.A. & MELONI, B.P. 1996. *Giardia duodenalis*: exposure to metronidazole inhibits competitive interactions between isolates of the parasite *in vitro*. J. Parasitol. 82:679-683.
1151. THOMPSON, D. 1977. Diseases of water buffalo in the Northern Territory of Australia. Aust. Vet. Practit. 7:50-52.
1152. THONG, Y.H., FERRANTE, A., SHEPHERD, C. & ROWAN-KELLY, B. 1978. Resistance of mice to *Naegleria meningoenephalitis* transferred by immune serum. Trans. Roy. Soc. Trop. Med. Hyg. 72:650-652.
1153. THONG, Y.H., SHEPHERD, C., FERRANTE, A. & ROWAN-KELLY, B. 1978. Protective immunity to *Naegleria fowleri* in experimental amebic meningoenephalitis. Am. J. Trop. Med. Hyg. 27:238-240.

1154. THONG, Y.H., FERRANTE, A., ROWAN-KELLY, B. & O'KEEFE, D.E. 1979. Immunization with culture supernatant in experimental amoebic meningoencephalitis. *Trans. Roy. Soc. Trop. Med. Hyg.* 73:684-685.
1155. THONG, Y.H., FERRANTE, A., ROWAN-KELLY, B. & O'KEEFE, D. 1980. Immunization with live amoebae, amoebic lysate and culture supernatant in experimental *Naegleria meningoencephalitis*. *Trans. Roy. Soc. Trop. Med. Hyg.* 74:570-576.
1156. THONG, Y.H., CARTER, R.F., FERRANTE, A. & ROWAN-KELLY, B. 1983. Site of expression of immunity to *Naegleria fowleri* in immunized mice. *Parasite Immunol.* 5:67-76.
1157. TIEGS, O.W. 1931. Note on the occurrence of *Sarcocystis* in muscle of python. *Parasitol.* 23:412-414.
1158. TIMMS, P., MCGREGOR, W. & DALGLIESH, R.J. 1981. Tick fever vaccines. How they are made and how to use them. *Qld. Agric. J.* 107:311-316.
1159. TIMMS, P., DALGLIESH, R.J., BARRY, D.N., DIMMOCK, C.K. & RODWELL, B.J. 1983. *Babesia bovis*: comparison of culture-derived parasites, non-living antigen and conventional vaccine in the protection of cattle against heterologous challenge. *Aust. Vet. J.* 60:75-77.
1160. TOWNSON, S.M., LAQUA, H., UPCROFT, P., BOREHAM, P.F.L. & UPCROFT, J.A. 1992. Induction of metronidazole and furazolidone resistance in *Giardia*. *Trans. Roy. Soc. Trop. Med. Hyg.* 86:521-522.
1161. TOWNSON, S.M., BOREHAM, P.F.L., UPCROFT, P. & UPCROFT, J.A. 1994. Resistance to the nitroheterocyclic drugs. *Acta Tropica* 56:173-194.
1162. TOWNSON, S.M., HANSON, G.R., UPCROFT, J.A. & UPCROFT, P. 1994. A purified ferredoxin from *Giardia duodenalis*. *Eur. J. Biochem.* 220:439-446.
1163. TOWNSON, S.M., UPCROFT, J.A. & UPCROFT, P. 1996. Characterisation and purification of pyruvate:ferredoxin oxidoreductase from *Giardia duodenalis*. *Mol. Biochem. Parasitol.* 79:183-193.
1164. TRIFFITT, M.J. 1926. Some sorozoan parasites found in the intestinal wall of Bennett's wallaby (*Macropus bennetti*). *Protozool.* 2:31-46.
1165. TRIFFITT, M.J. 1927. Note on the occurrence of a sarcocyst, parasitic in a wallaby. *Protozool.* 3:75-76.
1166. TRUEMAN, K.F. & BLIGHT, G.W. 1978. The effect of age on resistance of cattle to *Babesia bovis*. *Aust. Vet. J.* 54:301-305.
1167. TURNBULL, P.A. 1977. An abattoir survey of bull genitalia. *Aust. Vet. J.* 53:274-279.
1168. TURNER, A.W. & MURNANE, D. 1930. Trypanosomes in the blood of Victorian animals. 1. A preliminary note on the occurrence of *Trypanosoma theileri* in the blood of cattle. *J. Coun. Sci. Industr. Res.* 3:120-121.
1169. TURNER, A.W. & MURNANE, D. 1930. A preliminary note on the occurrence of *Trypanosoma theileri* in the blood of cattle in Victoria. *Aust. J. Exptl. Biol. Med. Sci.* 7:9-11.
1170. TURNER, A.W. & MURNANE, D. 1930. On the presence of the non-pathogenic *Trypanosoma melophagium* in the blood of Victorian sheep, and its transmission by *Melophagus ovinus*. *Aust. J. Exptl. Biol. Med. Sci.* 7:5-8.
1171. TURNER, A.W. & MURNANE, D. 1930. Trypanosomes in the blood of Victorian animals. II. On the presence of *Trypanosoma melophagium* in the blood of Victorian sheep, and its transmission by the sheep 'tick' *Melophagus ovinus*. *J. Coun. Sci. Industr. Res.* 3:120-122.
1172. TURNER, A.W. & MURNANE, D. 1932. *Giardia* in sheep in Victoria, Australia. *Aust. J. Exptl. Biol. Med. Sci.* 10:53-56.
1173. TZIPORI, S., SMITH, M., MAKIN, T. & HALPIN, C. 1982. Enterocolitis in piglets caused by *Cryptosporidium* sp. purified from calf faeces. *Vet. Parasitol.* 11:121-126.
1174. TZIPORI, S., LARSEN, J., SMITH, M. & LUEFL, R. 1982. Diarrhoea in goat kids attributed to *Cryptosporidium* infection. *Vet. Record* 111:35-36.
1175. TZIPORI, S., SMITH, M., BIRCH, C., BARNES, G. & BISHOP, R. 1983. Cryptosporidiosis in hospital patients with gastroenteritis. *Am. J. Trop. Med. Hyg.* 32:931-934.
1176. TZIPORI, S., SMITH, M., HALPIN, C., ANGUS, K.W., SHERWOOD, D. & CAMPBELL, I. 1983. Experimental cryptosporidiosis in calves: clinical manifestations and pathological findings. *Vet. Rec.* 112:116-120.
1177. TZIPORI, S. 1983. Cryptosporidiosis in animals and humans. *Microbiol. Rev.* 47:84-96.
1178. TZIPORI, S. 1985. The relative importance of enteric pathogens affecting neonates of domestic animals. *Adv. Vet. Sci. Comp. Med.* 29:103-206.
1179. TZIPORI, S., ROBERTON, D. & CHAPMAN, C. 1986. Remission of diarrhoea due to cryptosporidiosis in an immunodeficient child treated with hyperimmune bovine colostrum. *Brit. Med. J.* 293:1276-1277.
1180. TZIPORI, S., ROBERTON, D., COOPER, D.A. & WHITE, L. 1987. Chronic cryptosporidial diarrhoea and hyperimmune cow colostrum. *Lancet* 2 (August 8):344-345.
1181. UILENBERG, G., MPANGALA, C., MCGREGOR, W. & CALLOW, L.L. 1977. Biological differences between African *Theileria mutans* (Theiler 1906) and two benign species of *Theileria* of cattle in Australia and Britain. *Aust. Vet. J.* 53:271-273.

1182. UILENBERG, G., PERIE, N.M., SPANJER, A.A.M. & FRANSSEN, F.F.J. 1985. *Theileria orientalis*, a cosmopolitan blood parasite of cattle: demonstration of the schizont stage. *Res. Vet. Sci.* 38:352-357.
1183. UNGAR, B.L.P. 1990. Cryptosporidiosis in humans (*Homo sapiens*). Pp 59-82 in Dubey, J.P., Speer, C.A. & Fayer, R. (ed.) *Cryptosporidiosis of Man and Animals*. (CRC Press: Boca Raton).
1184. UPCROFT, J.A., CAPON, A.G., DHARMKRONG-AT, A., HEALEY, A., BOREHAM, P.F.L. & UPCROFT, P. 1987. *Giardia intestinalis* antigens expressed in *Escherichia coli*. *Mol. Biochem. Parasitol.* 26:267-276.
1185. UPCROFT, P., BOREHAM, P.F.L. & UPCROFT, J.A. 1988. The genome of *Giardia intestinalis*. Pp 147-152 in Wallis, P.M. & Hammond, B.R. (ed.) *Advances in Giardia Research* (University of Calgary Press: Calgary).
1186. UPCROFT, J.A., DUNN, L.A., DOMMETT, L.S., HEALEY, A., UPCROFT, P. & BOREHAM, P.F.L. 1989. Chromosomes of *Blastocystis hominis*. *Int. J. Parasitol.* 19:879-883.
1187. UPCROFT, J., BOREHAM, P.F.L. & UPCROFT, P. 1989. Geographic variation in *Giardia* karyotypes. *Int. J. Parasitol.* 19:519-527.
1188. UPCROFT, J.A., HEALEY, A., MITCHELL, R., BOREHAM, P.F.L. & UPCROFT, P. 1990. Antigen expression from the ribosomal DNA repeat unit of *Giardia intestinalis*. *Nucleic Acids Res.* 18:7077-7081.
1189. UPCROFT, J.A., UPCROFT, P. & BOREHAM, P.F.L. 1990. Drug resistance in *Giardia intestinalis*. *Int. J. Parasitol.* 20:489-496.
1190. UPCROFT, P., MITCHELL, R. & BOREHAM, P.F.L. 1990. DNA fingerprinting of the intestinal parasite *Giardia duodenalis* with the M13 phage genome. *Int. J. Parasitol.* 20:319-323.
1191. UPCROFT, J.A., HEALEY, A., MURRAY, D.G., BOREHAM, P.F.L. & UPCROFT, P. 1992. A gene associated with cell division and drug resistance in *Giardia duodenalis*. *Parasitol.* 104:397-405.
1192. UPCROFT, J.A. & UPCROFT, P. 1993. Drug resistance and *Giardia*. *Parasitol. Today* 9:187-190.
1193. UPCROFT, J.A., HEALEY, A. & UPCROFT, P. 1993. Chromosomal duplication in *Giardia duodenalis*. *Int. J. Parasitol.* 23:609-616.
1194. UPCROFT, J.A., MITCHELL, R.W. & UPCROFT, P. 1993. The 3' terminal region of a gene encoding a cysteine-rich surface protein in *Giardia duodenalis*. *Int. J. Parasitol.* 23:785-792.
1195. UPCROFT, P. 1994. Multiple drug resistance in the pathogenic protozoa. *Acta Trop.* 56:195-212.
1196. UPCROFT, J.A., HEALEY, A. & UPCROFT, P. 1994. A new rDNA repeat unit in human *Giardia*. *J. Euk. Microbiol.* 41:639-642.
1197. UPCROFT, J.A. & UPCROFT, P. 1994. Two distinct varieties of *Giardia* in a mixed infection from a single human patient. *J. Euk. Microbiol.* 41:189-194.
1198. UPCROFT, J.A., BOREHAM, P.F.L., CAMPBELL, R.W., SHEPHERD, R.W. & UPCROFT, P. 1995. Biological and genetic analysis of a longitudinal collection of *Giardia* samples derived from humans. *Acta Tropica* 60:35-46.
1199. UPCROFT, J.A., CHEN, N. & UPCROFT, P. 1996. Mapping variation in chromosome homologues of different *Giardia* strains. *Mol. Biochem. Parasitol.* 76:135-143.
1200. UPCROFT, J.A., CAMPBELL, R.W. & UPCROFT, P. 1996. Quinacrine-resistant *Giardia duodenalis*. *Parasitol.* 112:309-313.
1201. UPCROFT, J., MITCHELL, R., CHEN, N. & UPCROFT, P. 1996. Albendazole resistance in *Giardia* is correlated with cytoskeletal changes but not with a mutation at amino acid 200 in B-tubulin. *Microbial Drug Resistance* 2:303-308.
1202. UPCROFT, P., CHEN, N. & UPCROFT, J.A. 1997. Telomeric organization of a variable and inducible toxin gene family in the ancient eukaryote *Giardia intestinalis*. *Genome Res.* 7:37-46.
1203. UPCROFT, J.A., MCDONNELL, P.A., GALLAGHER, A.N., CHEN, N. & UPCROFT, P. 1997. Lethal *Giardia* from a wild-caught sulphur-crested cockatoo (*Cacatua galerita*) established *in vitro* chronically infects mice. *Parasitol.* 114:407-412.
1204. UPCROFT, J.A. & UPCROFT, P. 1998. Future therapeutic alternatives for combating anaerobic protozoa. *Parasitol. Today* 14:212-214.
1205. UPCROFT, J. & UPCROFT, P. 1998. My favorite cell: *Giardia*. *BioEssays* 20:256-263.
1206. UPTON, S.J., CURRENT, W.L. & BARNARD, S.M. 1986. A review of the genus *Caryospora* Leger, 1904 (Apicomplexa: Eimeriidae). *Syst. Parasitol.* 8:3-21.
1207. UPTON, S.J. 1990. *Cryptosporidium* spp. in lower vertebrates. Pp 149-156 in Dubey, J.P., Speer, C.A. & Fayer, R. (ed.) *Cryptosporidiosis of Man and Animals*. (CRC Press: Boca Raton).
1208. VEIVERS, P.C., O'BRIEN, R.W. & SLAYTOR, M. 1983. Selective defaunation of *Mastotermes darwiniensis* and its effect on cellulose and starch metabolism. *Insect Biochem.* 13:95-101.
1209. VERCO, J.C. 1899. Amoebic pulmono-hepatic abscess. *Aust. Med. Gaz.* 18:66-71.
1210. VILLARREAL, H. & HUTCHINGS, R.W. 1986. Presence of ciliate colonies on the exoskeleton of the freshwater crayfish *Cherax tenuimanus* (Smith) [Decapoda: Parastacidae]. *Aquaculture* 58:309-312.

1211. VOOLMANN, T. & BOREHAM, P.F.L. 1993. Metronidazole resistant *Trichomonas vaginalis* in Brisbane. Med. J. Aust. 159:490.
1212. VOOLMANN, T., MOREY, F. & RICH, G. 1995. Trichomoniasis is a problem in Aboriginal women - fact or fiction? Venereology 8:34-36.
1213. WADDELL, A.H. 1963. Deep freeze storage of *Babesia bigemina*. Aust. Vet. J. 39:400.
1214. WADDELL, A.H., HOYTE, H.M.D. & DANIEL, R.C.W. 1971. Four species of *Eimeria* in pigs in Queensland. Aust. Vet. J. 47:462.
1215. WAITE, J.H. 1918. The Queensland hookworm campaign. Med. J. Aust. 2:505-510.
1216. WALKER, D. & GARNHAM, P.C.C. 1972. Aberrant *Leucocytozoon* infection in parakeets. Vet. Rec. 91:70-72.
1217. WALKER, J.C., BAHR, G. & EHL, A.S. 1985. Gastrointestinal parasites in Sydney. Med. J. Aust. 143:480.
1218. WALLACE, F.G., ROITMAN, I. & CAMARGO, E.P. 1992. Trypanosomatids of plants. Pp 55-84 in Kreier, J.P. & Baker, J.R. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
1219. WALPOLE, I.R., HODGEN, N. & BOWER, C. 1991. Congenital toxoplasmosis: a large survey in Western Australia. Med. J. Aust. 154:720-724.
1220. WARD, W.H., HILL, M.W.M., MAZLIN, I.D. & FOSTER, CK. 1984. Anaemia associated with a high parasitaemia of *Trypanosoma theileri* in a dairy cow. Aust. Vet. J. 61:324.
1221. WATSON, A.D.J. 1980. Giardiasis and colitis in a dog. Aust. Vet. J. 56:444-447.
1222. WATSON, A.D.J., FARROW, B.R.H. & MCDONALD, P.J. 1982. Prevalence of *Toxoplasma gondii* antibodies in pet dogs and cats. Aust. Vet. J. 58:213-214.
1223. WATTS, M., BURKE, C.M. & MUNDAY, B.L. 1996. The development of a fluorescent antibody stain to identify a *Uronema* sp. (Ciliophora: Scuticociliatida) implicated in fatal encephalitis in southern bluefin tuna (*Thunnus maccoyii*). Bull. Eur. Ass. Fish Pathol. 16:104-108.
1224. WEILGAMA, D.J., JORGENSEN, W.K., DALGLIESH, R.J., NAVARATNE, M. & WEERASINGHE, C. 1989. Comparison between Sri Lankan and Australian strains of *Babesia bovis* in the vaccination of imported cattle in Sri Lanka. Trop. Anim. Hlth. Prod. 21:141-145.
1225. WEINSTEIN, P., MACAITIS, M., WALKER, C. & CAMERON, S. 1993. Cryptosporidial diarrhoea in South Australia. An exploratory case-control study of risk factors for transmission. Med. J. Aust. 158:117-119.
1226. WELSH, D.A. & BARLING, J.E.V. 1909. *Haemogregarina petauri*: a haemogregarine of a marsupial flying squirrel. Aust. Med. Congr. (1908) 2:329-333.
1227. WELSH, D.A. & BARLING, J.E.V. 1910. *Haemogregarina petauri*: a haemogregarine of a marsupial flying squirrel. J. Pathol. Bact. 14:536-541.
1228. WELSH, D.A. & DALYELL, E.J. 1909. *Haemogregarina peramelis*: a free haemogregarine of an Australian bandicoot. J. Univ. Sydney Med. Soc. 2:112-115.
1229. WELSH, D.A. & DALYELL, E.J. 1910. *Haemogregarina peramelis*: a free haemogregarine of an Australian bandicoot. J. Pathol. Bact. 14:547-549.
1230. WELSH, D.A., DALYELL, E.J. & BURFITT, M.B. 1909. *Haemogregarina dasyuri*: a preliminary note on an undescribed haemogregarine of the Australian native cat. Aust. Med. Congr. (1908) 2:333-337.
1231. WELSH, D.A., DALYELL, E.J. & BURFITT, M.B. 1910. *Haemogregarina dasyuri*: a haemogregarine of the Australian native cat. J. Pathol. Bact. 14:542-546.
1232. WELSH, D.A. & PRIESTLEY, H. 1911. *Halteridium* in a kukuburra. J. Pathol. Bacteriol. 15:369-371.
1233. WENYON, C.M. & SCOTT, H.H. 1925. Demonstration of sections of intestine of Bennett's wallaby. Trans. Roy. Soc. Trop. Med. Hyg. 19:7-8.
1234. WENYON, C.M. 1926. Protozoology. (Bailliere, Tindall & Cox Pub: London).
1235. WHITE, J.A. 1867. On the fevers of the Gulf of Carpentaria. Aust. Med. J. 12:361-365.
1236. WHITING, R.H. 1972. Incidence of cysticercosis and sarcosporidiosis in sheep in south eastern Australia. Aust. Vet. J. 48:449-451.
1237. WHITTINGTON, R.J. & WILSON, J.M. 1985. Cryptosporidiosis of the respiratory tract in a pheasant. Aust. Vet. J. 62:284-285.
1238. WICKHAM, N. & CARNE, H.R. 1950. Toxoplasmosis in domestic animals in Australia. Aust. Vet. J. 26:1-3.
1239. WIDMER, G. 1998. Genetic heterogeneity and PCR detection of *Cryptosporidium parvum*. Adv. Parasitol. 40:223-239.
1240. WILHELMSSEN, C.L. & MONTALI, R.J. 1980. Toxoplasmosis in a parma wallaby. Ann. Proc. Am. Assoc. Zoo Vet. 1980:141-143.
1241. WILKINSON, G.T. 1977. Coccidial infection in a cat colony. Vet. Record 100:156-157.
1242. WILKINSON, F.C. 1981. Lamb survival from marking and weaner illthrift. Pp 193-209 in Refresher Course on Sheep. (Post Graduate Committee in Veterinary Science: University of Sydney).
1243. WILKINSON, G.T. & THOMPSON, H.L. 1986. Prevalence of *Toxoplasma gondii* antibodies in cats in south-east Queensland. Aust. Vet. Practit. 16:144-146.

1244. WILLIS, H.H. 1923. A note on intestinal protozoal cysts in man at Townsville, north Queensland. *Med. J. Aust.* 2:682.
1245. WILLIS, A.G. 1949. On the vegetative forms and life history of *Chloromyxum thyrstites* Gilchrist and its doubtful systematic position. *Aust. J. Sci. Res. Ser. B* 2:379-398.
1246. WILSON, J. 1984. Diagnosis of encephalitozoonosis in man by serological tests. *Brit. Med. J.* 288:1164.
1247. WINTER, H. 1958. Pathological study of a case of canine toxoplasmosis. *Aust. Vet. J.* 34:179-185.
1248. WINTER, H. 1959. Coccidiosis in kangaroos. *Aust. Vet. J.* 35:301-303.
1249. WINTER, H. & WATT, D. 1971. *Klossiella hydromyos* n.sp. from the kidneys of an Australian water rat (*Hydromys chrysogaster*). *Vet. Pathol.* 8:222-231.
1250. WINTERBOTHAM, L.P. & ARDEN, F. 1943. Two cases of benign tertian malaria in civilians. *Med. J. Aust.* 2:129-130.
1251. WOLF, P.H. 1972. Occurrence of a haplosporidian in Sydney rock oysters (*Crassostrea commercialis*) from Moreton Bay, Queensland, Australia. *J. Invert. Pathol.* 19:416-417.
1252. WOLF, P.H. 1977. An unidentified protistan parasite on the ova of the blackclipped oyster, *Crassostrea echinata*, from northern Australia. *J. Invert. Pathol.* 29:244-246.
1253. WOLF, P.H. 1977. Diseases and parasites in Australian commercial shellfish. *Haliotis* 8:75-83.
1254. WOLF, P.H. & SPRAGUE, V. 1978. An unidentified protistan parasite of the pearl oyster, *Pinctada maxima*, in tropical Australia. *J. Invert. Pathol.* 31:262-263.
1255. WOOLCOCK, V. 1936. *Chloromyxum pristiphori*, a new species of myxosporidid parasitic in the gall-bladder of *Pristiophorous cirratus* (saw shark). *Parasitol.* 28:72-78.
1256. WOSU, L.O. 1977. Trichomas infection in a bull - an apparent change in serotype of the infecting organism. *Aust. Vet. J.* 53:340-341.
1257. WOSU, L.O. 1977. Improved cultral methods for *Tritrichomonas foetus*. *Vet. Microbiol.* 2:89-93.
1258. WRIGHT, I.G. 1971. The isolation of *Haemobartonella canis* in association with *Babesia canis* in a splenectomised dog. *Aust. Vet. J.* 47:157-159.
1259. WRIGHT, I.G. 1973. Osmotic fragility of erythrocytes in acute *Babesia argentina* and *Babesia bigemina* infections in splenectomised *Bos taurus* calves. *Res. Vet. Sci.* 15:299-305.
1260. WRIGHT, I.G. 1973. Plasmakallikrein levels in acute *Babesia argentina* infections in splenectomised and intact calves. *Z. Parasitenkd.* 41:269-280.
1261. WRIGHT, I.G. & MAHONEY, D.F. 1974. The activation of kallikrein in acute *Babesia argentina* infections of splenectomised calves. *Z. Parasitenkd.* 43:271-278.
1262. WRIGHT, I.G. 1975. The probable role of *Babesia argentina* esterase in the *in vitro* activation of plasma prekallikrein. *Vet. Parasitol.* 1:91-96.
1263. WRIGHT, G. 1977. Kinin, kininogen and kininase levels during acute *Babesia bovis* (= *B. argentina*) infection of cattle. *Brit. J. Pharmacol.* 61:567-572.
1264. WRIGHT, I.G. & KERR, J.D. 1977. Hypotension in acute *Babesia bovis* (= *B. argentina*) infections of splenectomized calves. *J. Comp. Path.* 87:531-537.
1265. WRIGHT, I.G. & GOODGER, B.V. 1977. Acute *Babesia bigemina* infection: changes in coagulation and kallifrein parameters. *Z. Parasitenkd.* 53:63-73.
1266. WRIGHT, I.G., GOODGER, B.V., MCKENNA, R.V. & MAHONEY, D.F. 1979. Acute *Babesia bovis* infection: a study of the vascular lesions in kidney and lung. *Z. Parasitenkd.* 60:19-27.
1267. WRIGHT, I.G., GOODGER, B.V. & MAHONEY, D.F. 1980. The irradiation of *Babesia bovis*. 1. The difference in pathogenicity between irradiated and non-irradiated populations. *Z. Parasitenkd.* 63:47-57.
1268. WRIGHT, I.G., GOODGER, B.V. & MAHONEY, D.F. 1981. Virulent and avirulent strains of *Babesia bovis*: the relationship between parasite protease content and pathophysiological effect of the strain. *J. Protozool.* 28:118-120.
1269. WRIGHT, I.G., MCKENNA, R.V. & GOODGER, B.V. 1981. Acute *Babesia bovis* infections: plasma creatine kinase, lactate dehydrogenase and creatinine levels and associated muscle damage. *Z. Parasitenkd.* 64:297-302.
1270. WRIGHT, P.J. 1993. New records of entomopathogens infecting *Oncopera* spp. (Lepidoptera: Hepialidae) larvae in Tasmania. *J. Invert. Pathol.* 61:315-316.
1271. YADAV, M., STANLEY, N.F. & WARING, H. 1972. The microbial flora of the gut of the pouch-young and the pouch of a marsupial, *Setonix brachyurus*. *J. General Microbiol.* 70:437-442.
1272. YAKIMOFF, W.L. & MATSCHOUFSKY, S.N. 1936. Coccidiosis in the kangaroo. *J. Parasitol.* 22:514-515.
1273. YAMADA, M., TAKEUCHI, H., KAMO, S. & INOKI, S. 1981. A cyst-forming Eimeriina found in the kangaroo imported from Australia. *Zbl. Bakt. Hyg., I.Abt. Orig. A* 250:361-367.
1274. ZWART, P. & STRIK, W. 1964. Globidiosis in a Bennett's wallaby. *Tijdschr. Diergeneesk.* 89:138-143.