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CATALOGUE OF PROTOZOAN PARASITES RECORDED IN AUSTRALIA

PETER J. O'DONOGHUE & ROBERT D. ADLARD

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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 paramyxans). Organisms are recorded in association with some 520 hosts including eutherian 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.*

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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 summarise 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
		Opalinata	Opalinida	OPA: opa
		Lobosea	Amoebida	LOB: amo
			Acanthopodida	LOB: aca
			Leptomyxida	LOB: lep
		Heterolobosea	Schizopyrenida	HET: sch
	Apicomplexa	Gregarina	Neogregarinida	GRE: neo
			Eugregarinida	GRE: eug
		Coccidia	Adeleida	COC: ade
			Eimeriida	COC: eim
		Haematozoa	Haemosporida	HEM: hae
			Piroplasmida	HEM: pir
	Microspora	Microsporea	Microsporida	MIC: mic
	Myxozoa	Myxosporea	Bivalvulida	MYX: biv
			Multivalvulida	MYX: mul
		Actinosporea	Actinomyxida	ACT: act
	Haplosporidia	Haplosporea	Haplosporida	HAP: hap
	Paramyxea	Marteilidea	Marteilida	MAR: mar
	Ciliophora	Spirotrichea	Clevelandellida	SPI: cle
		Litostomatea	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/ISSN code and readily available in major libraries). Unconfirmed anecdotal observations, thesis reports and conference abstracts have not been included as they are not recognised 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 organisation (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). 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.

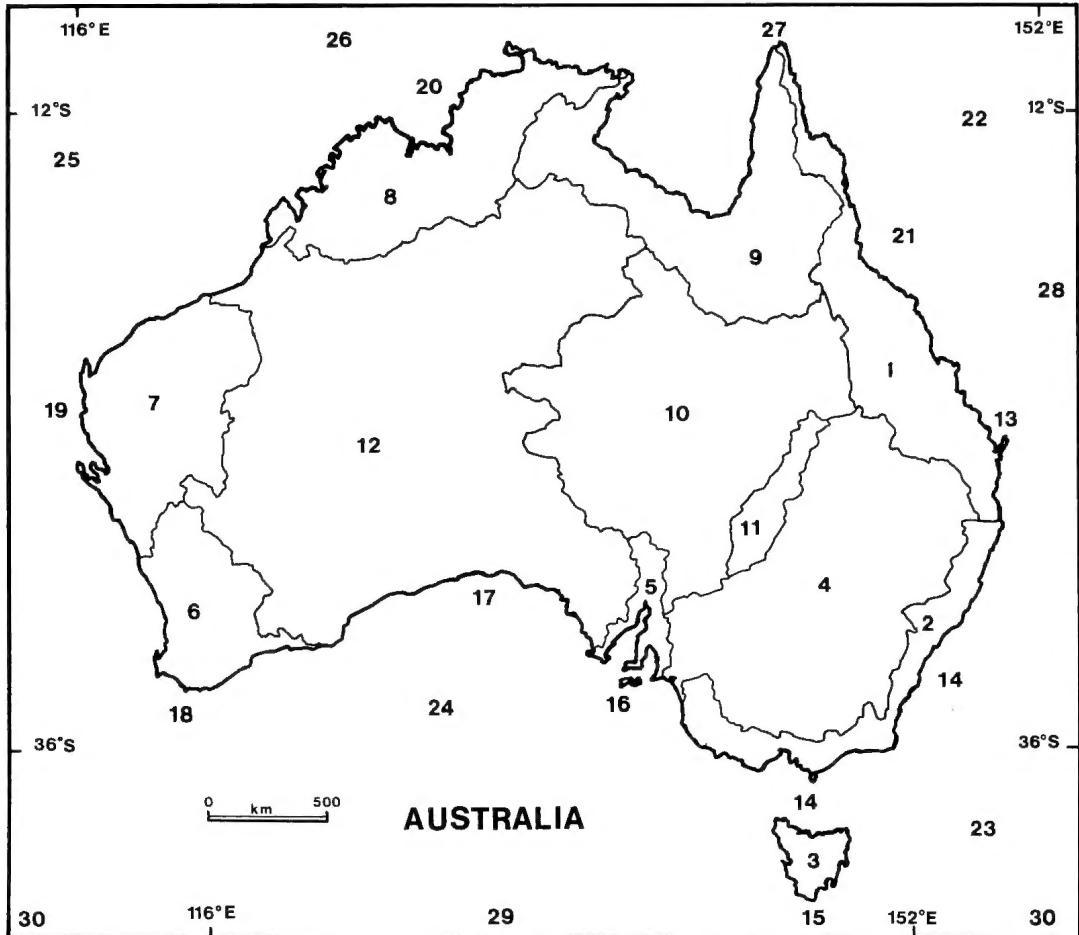


FIG. 1. Regions of Australia given for each entry in checklist: R1, North-east drainage; R2, South-east drainage; R3, Tasmanian drainage; R4, Murray-Darling drainage; R5, South Australian drainage; R6, South-west drainage; R7, Far-west drainage; R8 North-west drainage; R9, Carpentarian drainage; R10, 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

MAMMALIA
EUTHERIA
PRIMATES
SIMIAE

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 *Cylospora* sp. (= CLB's, cyanobacteria-like or coccidia-like bodies); faeces: R1, R2, R5 (141, 742, 913)

COC:eim *Isospora 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)

HE:tsch *Naegleria fowleri* Carter, 1970; brain, cerebrospinal fluid; R1, R5, R6 (1, 9, 180, 181, 182, 351, 354, 356, 381, 425, 524, 532)

LIT:ves *Balanitidium 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)

I.OB: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)

I.OB: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 hieneusi* Desportes et al., 1985; faeces, intestinal biopsy: R5 (679)

MIC:mic *Noxema* 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* Delanoe, 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 (Pentatrichomonas) hominis* (Davaigne, 1860); faeces, gut; RU, R8 (65, 692, 763)

ZOO:tri *Trichomonas vaginalis* Donne, 1837; nrogenial tract; RU, R1, R12 (132, 662, 692, 922, 1204, 1211, 1212)

HYLOBATIDAE

[gibbons]

Hylobates syndactylus Raillies, 1821 [siamang]

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

PONGIDAE

[orang utan]

Pongo pygmaeus Linnaeus, 1760 [orang utan]

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

CARNIVORA

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 hetrami* Doflein, 1901; faeces; RU (29, 167)

COC:eim *Sarcocystis capraecanis* 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* Dissanaik & 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* (Davaigne, 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)

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 *Isospora 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 *Isospora 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 *Isospora* 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 duodenalis* (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)

PINNIPEDIA

OTARIIDAE

[sea-lions, fur-seals]

Neophocacinerea (Peron, 1816) [Australian sea-lion]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); heart; RU (348)

CETACEA

DELPHINIDAE

[dolphins, killer whales]

Delphinus (unidentified species)

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

PHYSETERIDAE

[sperm whales]

Physeter macrocephalus Linnaeus, 1758 [sperm whale]
syn. *P. catadon*

COC:eim *Sarcocystis* sp.; muscle; RU (754, 830, 917)

SIRENIA

DUGONGIDAE

[dugong]

Dugong dugon (Müller, 1776) [dugong]

COC:eim *Cryptosporidium* sp.; small intestine; R21 (478)

PERISSODACTYLA

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* (Flesch, 1883); faeces, intestines; RU, R1, R3 (29, 51, 167, 730, 991)

COC:eim *Sarcocystis hetrami* 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)

ARTIODACTYLA
SUIFORMESSUIDAE
[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 *Isospora 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)

TYLOPODA

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)

RUMINANTIA

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 bukidonensis* 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 zuemii* (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* (Hasselmann, 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, IAT, 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, IAT, 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* (Dayaine, 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* Dissanaiké & 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 apsherontica* Musaev, 1970; faeces: R1, R2, R5 (608, 881)

COC:eim *Eimeria arloingi* (Moutel, 1905); faeces: R1, R2, R5 (167, 608, 881)

COC:eim *Eimeria caprina* Lind, 1979; faeces: R5 (881)

COC:eim *Eimeria caprovina* Linn, 1980; faeces: R5 (881)

COC:eim *Eimeria christensoni* Levine et al., 1962; faeces: R1, R2, R5 (167, 608, 881)

COC:eim *Eimeria crandallii* 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 jolehtjevi* Musaev, 1970; faeces: R1, R2, R5 (608, 881)

COC:eim *Eimeria nitakohljakmova* Yakimoff & Raslegatoff, 1930; faeces: R1, R2, R5 (167, 608, 881)

COC:eim *Eimeria pallida* Christensen, 1938; faeces: R1, R2 (167, 608)

COC:eim *Eimeria parva* Kottlan 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 caprucanis* 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 crandallis* 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 weybridgensis* 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)

CHIROPTERA MEGACHIROPTERA

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 *Hepatocystis pteropi* (Breinl, 1913);
blood; R1 (387, 692, 693)

Pteropus sacculatus Peters, 1862 [little red
flying-fox]

HEM:hae *Hepatocystis pteropi* (Breinl, 1913);
blood, R1 (64, 345, 642, 692, 693)

Pteropus (unidentified species)

HEM:hae *Hepatocystis pteropi* (Breinl, 1913);
blood, RU (286)

MICROCHIROPTERA

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)

VESPERTILIONIDAE

[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 pumilus (Gray, 1841)

HEM:hae *Polychromophilus melanipherus*
(Dionisi, 1899); blood; R1 (387, 692, 693)

RODENTIA MYOMORPHA

MURIDAE HYDROMYINAE 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)

UROMYINI HYDROMYINAE [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)

CONILURINI HYDROMYINAE

[rabbit-rats, tree-rats, rock-rats, stick-nest rats,
hopping-mice, native mice]

Mastacomys fuscus Thomas, 1882 [broad-toothedrat]

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)

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 *Spiroucleus 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 *Spiroucleus 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 murinotechis* 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)

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)

LAGOMORPHA

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 coeicicola* 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)

PROTHERIA
MONOTREMATA

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)

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)

MARSUPIALIA
POLYPROTODONTA
DASYUROMORPHIA

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 (Kreffl, 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 harrisii (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)

MYRMECOBIIDAE

[numbat]

Myrmecobius fasciatus Waterhouse, 1836 [numbat]

COC:eim *Toxoplasma* sp.; various tissues; RU (168)

PERAMELOMORPHIA

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)

THYLACOMYIDAE

[bilbys]

Macrotis lagotis (Reid, 1837) [bilby]

COC:eim *Toxoplasma* sp.; various tissues; RU (168)

DIPROTODONTA

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)

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)**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)**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 lagorhестis* 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 myktyowyczi* 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 myktyowyczi* Barker et al., 1989: faeces; R1 (62)
- Macropus dorsalis** (Gray, 1837) [black-striped wallaby]
 COC:eim *Eimeria hestermani* Myktyowycz, 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) [tamar wallaby]
 LOB:amo Unidentified amoebae; LU; RU (826, 851)
 COC:eim *Eimeria flindersi* Barker et al., 1989: faeces; R5 (62)
 COC:eim *Eimeria hestermani* Myktyowycz, 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* Myktyowycz, 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 (IHA/T); 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* Myktyowycz, 1964: faeces; R4 (62)
 COC:eim *Eimeria hestermani* Myktyowycz, 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* Myktyowycz, 1964: faeces; R4, R5 (62)
 COC:eim *Eimeria wilcanniensis* Myktyowycz, 1964: faeces; R4, R5, zoo (Aust.) (62)
 COC:eim *Eimeria yathongensis* Barker et al., 1989: faeces; R4, R5 (62)
 COC:eim *Toxoplasma gondii* (Nicolle & 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. kanguru*
 COC:eim *Eimeria cumnammullensis* Myktyowycz, 1964: faeces, small intestine; R4 (52, 167, 865, 948)
 COC:eim *Eimeria gungahlinensis* Myktyowycz, 1964: faeces; R4 (62, 167, 865, 948)
 COC:eim *Eimeria hestermani* Myktyowycz, 1964: faeces; R4 (62, 167, 865, 948)
 COC:eim *Eimeria kogoni* Myktyowycz, 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 togammainensis* Mykytowycz, 1964; faeces; R4 (30, 167, 865, 948)

COC:eim *Eimeria wilcamensis* 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 coccidium: adipose tissue; R4 (315)

LIT:ent *Macropodinium emuensis* 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)

Peradarcas 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 sharmeni* Barker et al., 1988; faeces; R1 (59)

Petrogale inornata Gould, 1842 [unadorned rock-wallaby]

COC:eim *Eimeria hoandemoensis* 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 sharmeni* 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 sharmeni* 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 sharmeni* 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 coccidium; 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)

PHASCOLARCTIDAE [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)

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. *Phascolom 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)

REPTILIA
CROCODILIA

CROCODYLIDAE
[crocodiles]

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

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

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

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

TESTUDINES

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)

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 kreffii (Gray, 1871) [Kreffl'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)

SQUAMATA
SAURIA

HELODERMATIDAE
[Gila monsters]

Heloderma suspectum (Cope, 1869) [Gila monster]

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

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 *Isospora* 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 *Isospora ablephari* Cannon, 1967; faeces, intestine; R1 (171)

COC:eim *Isospora* 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 (Thomassinot, 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 *Isospora* 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 *Isospora* 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)

PYGOPODIDAE

[snake lizards]

Delma nasuta Kluge, 1974

COC:eim *Isospora 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)

AGAMIDAE

[dragon lizards]

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

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

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

Diporiphora australis (Steindachner, 1867)

COC:eim *Isospora 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)

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)

SCINCIDAE

[skinks]

Ablepharus boutonii (Macleay, 1877) [callous-palmed shinning-skink]

COC:eim *Eimeria ablephari* Cannon, 1967; faeces, small intestine; R1 (172)

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

Carlia jarnollae 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 *Isospora 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 (Lacépède, 1804) [White's skink]

COC:eim *Eimeria egerniae* Cannon, 1967; faeces, gall bladder; R4 (172)

COC:eim *Isospora 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 taeniolum*** 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)

SERPENTES

BOIDAE

[pythons]

- Aspidites melanocephalus*** (Kreffl, 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*** (Lacépède, 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)

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 calligatra*** (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)
- 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 superbus*** (Gunther, 1858) [copperhead]
 COC:eim *Eimeria* sp.; intestines; R5 (743)
 COC:eim *Sarcocystis* sp.; intestines; RU (833)
- Cacophis harriettae*** Kreffl, 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*** Kreffl, 1869 [Stephen's banded snake]
 COC:eim *Eimeria* sp.; faeces; R1 (899)
- Notechis ater*** (Kreffl, 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 carninatus (Kreffl, 1863) [rough-scaled snake]

COC:eim *Cryptosporidium* sp.; faeces; R5 (898)

VIPERIDAE

[vipers]

Bitis gabonica Duméril, Bibron & Duméril, 1854 [Gaboon viper]

COC:eim *Cryptosporidium* sp.; faeces; R2, zoo (Aust.) (125, 1207)

AMPHIBIA

SALIENTIA

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 Keferstin, 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 *Spiromucleus 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 *Spiroucleus 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* Delvinqvier, 1987; intestines; RU (275, 279)
- OPA:opa *Protoopalina raffae* Delvinqvier, 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* Delvinqvier, 1987; intestines; RU (275, 279)
- OPA:opa *Zelleriella* sp.; intestines; RU (275, 279)
- ZOO:dip *Spiroucleus 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* Delvinqvier, 1987; intestines; RU (275, 279)
- OPA:opa *Protoopalina waterloti* Delvinqvier, 1987; intestines; RU (275, 279)
- ZOO:dip *Spiroucleus 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 *Monoceromonas 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* Delvinqvier, 1987; intestines; RU (275, 279)
- OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines; RU (275, 279)
- OPA:opa *Protoopalina* sp.; intestines; RU (275, 279)
- OPA:opa *Zelleriella antilliensis* (Metcalf, 1914); intestines (exptl. infection in tadpole); R1 (278)
- OPA:opa *Zelleriella binucleata* (Raff, 1911); intestines; RU (275, 279)
- OPA:opa *Zelleriella devincki* Delvinqvier, 1987; intestines; RU (275, 279)
- OPA:opa *Zelleriella vivieri* Delvinqvier, 1987; intestines; RU (275, 279)
- OPA:opa *Zelleriella* sp.; intestines; RU (275, 279)
- SPI:cle *Nyctotherus* sp.; gut; R2 (209)
- ZOO:dip *Spiroucleus elegans* Lavier, 1936; intestines; RU (276)
- ZOO:tri *Monoceromonas 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* Delvinqvier, 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* Delvinquier, 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* Delvinquier, 1987; intestines; RU (275, 279)
- OPA:opa *Zelleriella devincki* Delvinquier, 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* Delvinquier, 1987; intestines; RU (275, 279)
- OPA:opa *Zelleriella devincki* Delvinquier, 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* Delvinquier, 1987; intestines (tadpoles); R1 (275, 279)
- ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
- ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; 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 pelobatoides*** (Werner, 1914) [humming frog]
- OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
- OPA:opa *Protoopalina jonesi* Delvinquier, 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* Delvinquier, 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 *Spiromucleus elegans* Lavier, 1936; intestines: RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines: RU (276)
- Ranidella bilingua** Martin et al., 1980
 OPA:opa *Protoopalina tenuis* (Raff, 1911); intestines: RU (275, 279)
 ZOO:dip *Spiromucleus elegans* Lavier, 1936; intestines: RU (276)
 ZOO:tri *Monoceromonas batrachorum* (Dobell, 1908); intestines: RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines: RU (276)
- Ranidella insignifera** (Moore, 1954)
 ZOO:dip *Spiromucleus elegans* Lavier, 1936; intestines: RU (276)
- Ranidella parvisignifera** (Main, 1957)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina tenuis* (Raff, 1911); intestines: RU (275, 279)
 ZOO:dip *Spiromucleus 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 *Spiromucleus elegans* Lavier, 1936; intestines: RU (276)
 ZOO:tri *Monoceromonas 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)
- Tandactylus rheophilus** Liem & Hosmer, 1973
 ZOO:ret *Chilomastix caulleryi* (Alexieff, 1909); intestines: RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines: RU (276)
- Uperoleia laevigata** Kieferstein, 1867
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines: RU (275, 279)
 ZOO:dip *Spiromucleus elegans* Lavier, 1936; intestines: RU (276)
 ZOO:tri *Monoceromonas batrachorum* (Dobell, 1908); intestines: RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines: RU (276)
- Uperoleia marmorata** Gray, 1841
 OPA:opa *Protoopalina raffae* Delvignier, 1987; intestines: R8 (275, 279)
 OPA:opa *Protoopalina tenuis* (Raff, 1911); intestines: R8 (275, 279)

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* Delvignier, 1987; intestines: RU (275, 279)
 ZOO:dip *Spiromucleus 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 & Baneroff, 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* Delvignier, 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 *Spiroucleus 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 *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)
- Litoria cyclorhyncha*** (Boulenger, 1882) [spotted-thighed frog]
- OPA:opa *Protoopalina australis* Metcalf, 1923; 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)
- Litoria dahliei*** (Boulenger, 1896)
- OPA:opa *Protoopalina australis* Metcalf, 1923; 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)
- 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 *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)
- 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 *Spiroucleus 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* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinqvier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina singeri* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spiroucleus 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 *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)

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* Delvinqvier, 1987; 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)

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

OPA:opa *Protoopalina papuensis* Metcalf, 1923; intestines; RU (275, 279)
 ZOO:dip *Spiroucleus 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* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spiroucleus 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* Delvinqvier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spiroucleus 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. *Hylanasuta*

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

- OPA:opa *Protoopalina ucuta* (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 *Spiroucleus elegans* Lavier, 1936; intestines: RU (276)
 ZOO:kin *Trypanosoma* sp.; blood: R1 (47, 209, 581, 696)
 ZOO:ret *Chilomastix caulleryi* (Aleveicel), 1909; intestines: RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines: RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines: RU (276)
- Litoria nigrofrenata*** (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 *Spiroucleus elegans* Lavier, 1936; intestines: RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines: RU (276)
- Litoria pallida*** Davis et al., 1983
 OPA:opa *Protoopalina ucuta* (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 *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)
- 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* Kunster, 1882; intestines: RU (276)
 ZOO:dip *Spiroucleus 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 *Spiroucleus elegans* Lavier, 1936; intestines: RU (276)
- Litoria revelata*** Ingram et al., 1982
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder: R1 (274)
 ZOO:dip *Spiroucleus 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 *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)

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 *Spiroucleus 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 *Trichomitus 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)

SPL:cle *Nyctotherus* sp.; faeces; R1, R9 (899, 900)

ZOO:dip *Spiroucleus 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 serrata (Andersson, 1916)

ZOO:dip *Spiroucleus 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 *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)

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 *Trichomitus 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 *Spiroucleus elegans* Lavier, 1936; intestines; RU (276)

Nyctimystes dayi (Günther, 1897) [Australian lace-lid]

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

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

MICROHYLIDAE

[narrow-mouthed toads]

Cophixalus ornatus (Fry, 1912)

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

Sphenophryne robusta (Fry, 1912)

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

RANIDAE

[‘true’ frogs]

Rana daemeli (Steindachner, 1868) [wood frog]

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

BUFONIDAE

[‘true’ toads]

Bufo marinus (Linnaeus, 1758) [marine or cane toad]

COC:eim *Isospora* 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* Delvinqvier, 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* Kunster, 1882; intestines; R1 (276, 277, 1087)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; R1, R9 (276, 277, 1087)
 ZOO:dip Unidentified diplomonads; intestines; R1 (384)
 ZOO:tri *Monoceromonas 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)

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)

AVES

STRUTHIONIFORMES

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)

STRUTHIONIDAE

[ostriches]

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

CICONIIFORMES

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

ANHINGIDAE

[darters]

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

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 notophoxyis* Breinl, 1913; blood; R1 (128, 217, 581, 694)
Ardea pacifica 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 notophoxyis* 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)

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)

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)

PELECANIDAE

[pelicans]

- Pelecanus conspicillatus* Temminck, 1824
 [Australian pelican]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

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)

PODICIPEDIDAE

[grebes]

- Poliiocephalus poliocephalus* (Jardine & Selby, 1827)
 [hoary-headed grebe]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

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)

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)

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)

ANSERIFORMES

ANSERANATIDAE

[magpie geese]

- Anseranus semipalmata* (Latham, 1798) [magpie goose]
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

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 biziuræ* Gilruth et al., 1910; blood; RU (694)

Biziura lobata (Shaw, 1796) [musk duck]

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

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

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

Tadorna tadornoides (Jardine & Selby, 1828) [Australian shelduck, chestnut-breasted shelduck]

syn. *Casarca tadornoides*

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

CRACIFORMES

MEGAPODIDAE

[mound builders]

Alecturalathami Gray, 1831 [Australian brush turkey]

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

GALLIFORMES

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.; I.U.; 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 mivatt* 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); I.U.; 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 *Spironucleus 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)

GRUIFORMES

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 [bull-banded rail]
 COC:eim *Eimeria* sp.: faeces: R1 (899)

COLUMBIFORMES

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)
 IEM:hae *Haemoproteus columbae* Kruse, 1890; blood: R6 (694)
 IEM: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]
 IEM: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 *Haurella Octosporiella* 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 superbis*** (Temminck, 1810) [superb fruit-dove, purple-breasted fruit pigeon] syn. *Lamprolaima superba*
 IEM:hae *Haemoproteus columbae* Kruse, 1890; blood: R1 (128, 217, 581, 694)

PSITTACIFORMES

PSITTACIDAE
 [parrots, cockatoos & allies]

- Agapornis*** (unidentified lovebird species)
 COC:eim Unidentified coccidian: intestines: RU (990)
- Alisterus scapularis*** (Lichtenstein, 1816) [Australian king-parrot]
 IEM:hae *Leucocytozoon* sp.: tissues: zoo (UK) (1216)
- Barnardius semitorquatus*** (Quoy & Gaimard, 1830) [twenty-eight parrot]
 IEM: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 dumsingi* 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 *Spiromucleus* 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 [Adelaiderosella]
 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)

COLIIFORMES

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)

STRIGIFORMES

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)

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)

TYTONIDAE

[masked or barn owls]

- 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)

CORACIIFORMES

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)

MEROPIDAE

[bee-eaters]

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

PASSERIFORMES

MENURIDAE

[lyrebirds]

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

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)

PYCNONOTIDAE

[bulbuls]

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

MUSCICAPIDAE

[thrushes & allies]

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

Microeca fascinans (Latham, 1801) [brown fly-catcher, 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)

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)

SYLVIIDAE [Old World warblers]

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

MALURIDAE [fairy-wrens & allies]

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

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)

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)

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 *Isospora* 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 vaughani* 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)

NECTARINIIDAE
[flowerpeckers, sunbirds]

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

ZOSTEROPIDAE
[white-eyes]

Zosterops caeruleascens 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)

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)

STURNIDAE
[starlings & mynahs]

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

PASSERIDAE
[sparrows, weavers & allies]

Emblema bella (Latham, 1801) [beautiful firetail] syn. *Staganophura 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 gommetae* 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)

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 chlamydoherae* Breml, 1913; blood; R1 (128, 217, 581)

Ptilorhynchus violaceus (Vicillot, 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)

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 (Vicillot, 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 [Toriesian crow]

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

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

Cracticus torquatus (Latham, 1801) [grey butcherbird]

COC:eim *Isospora* 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 *Isospora* 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 lighbird]

HEM:hae *Leucocytozoon* sp.; blood; R1 (694)

Sphecotheres viridis Vieillot, 1816 [lighbird] 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 *Isospora* 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)

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)

PISCES
GNATHOSTOMATA
CHONDRICHTHYES
ELASMOBRANCHII
PRISTIOPHORIFORMES
PRISTIOPHORIDAE
[saw sharks]

- Pristiophorus cirratus* (Latham, 1794) [common saw shark] syn. *Pristis cirratus*
MYX:biv *Chloromyxum pristiophori* Woolcock, 1935; gall bladder; R14 (79, 1255)

HETERODONTIFORMES

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)

ORECTOLOBIFORMES

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 *Sinuolima 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)

LAMNIFORMES

ODONTASPIDIDAE

[sand tigers, sand sharks, grey nurse sharks]

Odontaspis (unidentified species)

- COC:ade *Haemogregarina carehariansi* Laveran, 1908; blood; R21 (79, 696)
ZOO:kin *Trypanosoma carehariansi* Laveran, 1908; blood; R21 (79, 640, 696)

RAJIFORMES

MYLIOBATOIDEI

DASYATIDIDAE

[stingrays]

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

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

Taeniura lymna (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)

ACTINOPTERYGII

NEOPTERYGII

ANGUILLIFORMES

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 *Axyxidium charum* Hine, 1980; gills; R2 (481)
MYX:biv *Axyxidium giardi* Cepede, 1906; kidney, muscles, skin; RU. R2 (227, 669)
MYX:biv *Axyxidium* sp.; gills; R2, R3 (481)
OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; R4 (79, 140)
ZOO:kin *Trypanosoma granulorum* 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)

CLUPEIFORMES

ENGRAULIDIDAE

[anchovies]

Engraulis australis (Günther, 1868) [southern anchovy]

MIC:mic Unidentified microsporan; muscle; R18 (636)
 MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscles; R18 (636)

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 (Castelnau, 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 [scalpy herring]

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)

CYPRINIFORMES

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 epizotic peritrichs; RU (670)

MYX:biv *Mitraspora* sp.; kidney; R1, R3, R6 (627)

MYX:biv *Sphaerospora* sp.; kidney; R1, R3, R4, R6 (627)

SILURIFORMES

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)

SALMONIFORMES

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)

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)

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)

AULOPIFORMES

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)

ATHERINIFORMES

MELANOTAENIIDAE

[rainbowfishes]

Glossolepis incisus Weber, 1908 [New Guinea rainbow fish]

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

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

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

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:biv *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)

CYPRINODONTIFORMES

POECILIIDAE

[livebearers]

Gambusia holbrooki (Girard, 1859) [eastern gambusia, mosquito fish]

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)

BERYCIFORMES

TRACHICHTHYIDAE

[roughies or slimeheads]

Hoplostethus atlanticus Collett, 1889 [orange roughy]

MYX:biv *Sphaeromyxa* sp.; gall bladder; R14, R15, R16 (657)

GASTEROSTEIFORMES

SYNGNATHIDAE

[pipefishes and seahorses]

Hippocampus abdominalis Lesson, 1827 [big-belly seahorse]

OLI:scu *Uronema* sp.; LU; RU (1223)

SCORPAENIFORMES

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 *Leptothecha beveridgei* Moser et al., 1989; gall bladder; R21 (658, 802)

TRIGLIDAE

[scarbins, gumards]

Chelidonichthys kumu (Lesson & Garnot, 1826) [red gumard, latchet]

COC:eim Unidentified coccidian; gut; RU (788)

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)

PERCIFORMES

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)

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 (Lacepède, 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)

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, silveryeye]

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)

KUHLIIDAE

[flagtails]

Nannoperca australis Gunther, 1861 [pygmy perch]

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

TERAPONIDAE

[grunters, tiger perches]

Amniataba percooides (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] 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)

PERCIDAE
[perches]

Perca fluviatilis Linnaeus, 1758 [redfin perch]

MYX:biv *Triangula percae* Langdon, 1987; brain, R2, R4 (350, 625, 627, 628, 634, 803, 858)

SILLAGINIDAE
[whitings, 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)

ECHENEIDAE
[remoras, sharksuckers]

Echeneis naucrates Linnaeus, 1758 [suckerfish]

MYX:biv *Chloromyxum* sp.; gall bladder, R21 (658)

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 blochii (Lacepède, 1801) [snub-nosed dart]

MYX:biv Unidentified myxozoan; gall bladder, R21 (658, 802)

CORYPHAENIDAE
[dolphinfishes]

Coryphaena hippurus Linnaeus, 1758 [dolphin fish, mahi mahi]

MYX:mul *Kudoa thyrsites* (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)

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)

GERREIDAE

[silver biddys, mojarras]

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)

LETHRINIDAE

[emperors, sea breams]

Gymnocranius audleyi Ogilby, 1916 [iodine bream] syn. *Gymnocranius bitorquatus*

MIC:mic Unidentified microsporan; 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)

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)

SCIAENIDAE

[jewfish, drums, croakers]

Johnius novaehollandiae (Cuvier, 1830) [little jewfish] = *J. belangeri* (cited in reference as *J. vogleri* (different fish) synonyms are *J. australis*, *Sciaena australis*)

MIC:mic *Pleistophora sciaenae* Johnston & Bancroft, 1918; ovary; R13 (79, 584, 627, 858)

PEMPHERIDAE

[sweepers]

Pempheris compressus Shaw, 1790 [smallscale bullseye]

MYX:biv Unidentified myxozoan; liver; R13 (669)

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)

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)

SCATOPHAGIDAE

[scats]

Scatophagus argus (Linnaeus, 1766) [spotted scat]

OLI:hym *Cryptocaryon irritans* Brown, 1951; skin; RU (983)

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)

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)

POMACENTRIDAE

[damsel-fishes]

Chromis atripectoralis Welander & Schultz, 1951 [black-axil puller]

MYX:biv *Simulinea* 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 damselfish]

OLI:mob *Trichodina* sp.; LU; R21 (658)

Pomacentrus melanochir Russell et al., 1974 [white-tailed damselfish] 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 damselfish]

MYX:biv Unidentified myxozoan; gall bladder, R21 (658, 802)

ARRIPIDAE

[Australian salmon, kahawai]

Arripis trutta Whitley, 1949 [Australian salmon]

MYX:biv *Ceratomyxa arripica* Su & White, 1994; gall bladder, R15 (1110)

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)

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)

LATRIDAE

[trumpeters]

Latris lineata (Bloch & Schneider, 1801) [Tasmanian trumpeter]

OLI:scu *Uronema* sp.; muscles; RU (637)

MUGILIFORMES

MUGILIDAE

[mulletts, grey mulletts]

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 *Henneguya* 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)

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)

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)

CLINIDAE [clinids]

Heteroclinus whiteleggi (Ogilby, 1894) [Whitelegg's weedfish]

MYX:biv *Coccomyxa tenuiparvies* Lom et al., 1992; gall bladder; R13 (669)

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

CALLIONYMIDAE [dragonets]

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

ELEOTRIDIDAE [sleepers]

Gobiomorphus australis (Kreffl, 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 NZ, host may be referable to *G. coxii* Krefft, 1864
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; R4 (79, 140)

Hypseleotris compressa (Kreffl, 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 (Kreffl, 1864) [big-headed gudgeon]

COC:eim *Eimeria philypnodoi* Molnar & Rohde, 1988; intestinal mucosa; R2 (789)

Unidentified gudgeon species

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

GOBIIDAE
[gobies]

- Nesogobius* (Last et al., 1983)
MYX:biv *Sphaeromyxa nesogobii* Su & White, 1994; gall bladder, R15 (1110)
OLI:mob *Trichodina jadranica* Raabe, 1958; gills; R15 (1111)
OLI:mob *Trichodina nesogobii* Su & White, 1995; gills; R15 (1111)

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 & Schneider, 1801) [gold-spotted spinefoot] syn. *S. chrysospilos*
MYX:biv Unidentified myxozoan; gall bladder, R21 (658, 802)

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 Lacepède, 1802 [humpnose unicornfish]
LIT:ves *Balantidium focalium* Grim, 1993; intestines; R21 (428)
Zebrafoma scopas Cuvier, 1829 [brushtail tang]
LIT:ves *Balantidium zebrae* Grim, 1992; intestines; R21 (427)
SPI:cle *Parvictidotherus leenwenhoekii* Grim, 1992; intestines; R21 (127, 427)

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)

SCOMBRIDAE
[mackerels and tunas]

- Thunnus maccoyii* Castelnau, 1872 [southern bluefin tuna]
MYX:mul *Kudoa* sp.; muscles, nerves; R18 (629, 858)

- OLI:scu *Uronema nigricans* (Mueller, 1786); brain; R16 (859)
OLI:scu *Uronema* sp.; LU; RU (858, 1223)

PLEURONECTIFORMES

PLEURONECTIDAE
[righteye flounders]

- Rhombosolea tapirina* Günther, 1862 [greenback flounder]
MIC:mic Unidentified microsporan, liver; RU (aquarium) (858)

TETRAODONTIFORMES

BALISTIDAE
[triggerfishes]

- Sufflamen chrysopterus* (Bloch & Schneider, 1801) [lagtail triggerfish]
MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658, 802)
MYX:biv *Alyxobolus* sp.; kidney; R21 (658)

MONACANTHIDAE
[filefishes]

- Cantherhines* (unidentified leatherjacket species) = *Acanacanthus* 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:muc Unidentified microsporan, liver; R13 (899)

OSTRACIIDAE
[boxfishes, cowfishes, trunkfishes]

- Ostracion cubicus* Linnaeus, 1758 [yellow boxfish]
MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658, 802)

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 (Fremenville, 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)

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)

ARTHROPODA

CRUSTACEA

COPEPODA

CALANOIDAE

[copepods]

Boeckella triarticulata (Thomson, 1883) [copepod]

MIC:mic *Tuzetia boeckella* Milner & Mayer, 1982; muscles; R4 (778)

CYCLOPOIDAE

[copepods]

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 *Nauplicola* 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 *Eutreptia 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)

MALACOSTRACA

ISOPODA

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)

DECAPODA

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)

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)

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)

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 *Podophrya* sp.; exoskeleton; RU (945)

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

PARASTACIDAE

[freshwater cray fishes]

Cherax albidus Clark, 136 [white yabby]

MIC:mic *Favraia 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* Wrzesniowski, 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 cyclopum* (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 *Tetrahymena 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* Wrzesniowski, 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* Nennung, 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)

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)

ALPHEIDAE

[snapping shrimp]

Alpheus (unidentified species)
 UNC:sta Unidentified ciliate; gills; R21 (658)

HIPPOLYTIDAE

[shrimps]

Saron marmoratus (Nobili, 1904)
 OLI:apo Unidentified apostome ciliate; gills; R21 (658)
 GRE:eug Unidentified gregarine; intestine, rectum; R21 (658)

PILUMNIDAE

[hairy crabs]

Unidentified pilumnid species
 OLI:ses *Zoothamnium* sp.; gills; R21 (658)

XANTHIDAE

[dark-fingered reef crabs]

Leptodius sanguineus (Edwards, 1834)
 OLI:ses *Epistylis* sp.; gills; R21 (658)

ARACHNIDA

ACARINA

IXODIDAE

[hard ticks]

Amblyomma limbatum Neumann, 1899 [reptile tick]
 HEM:hae *Hemolivia mariae* Smallridge & Paperna, 1997; intestines; R5 (1076)
Aponommatrimaculatum (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)

INSECTA BLATTODEA

BLATTIDAE [cockroaches]

Periplaneta australasiae Fabricius, 1775 [house cockroach]

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

BLABERIDAE [wood cockroaches]

Panesthia cribrata Saussure, 1864 [wood cockroach]

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

ISOPTERA

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)

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)

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)

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 *Trichonymphamagna* 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**

I.OB: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)

ORTHOPTERA

ACRIDIDAE

[locusts, grasshoppers]

***Anstroicetes cruciata* Saussure, 1888 [small plague grasshopper]**

I.OB:amo *Malameba locustae* (King & Taylor, 1936); Malpighian tubules; R5 (269)

***Chortoicetes terminifera* (Walker, 1870) [plague locust]**

I.OB:amo *Malameba locustae* (King & Taylor, 1936); Malpighian tubules; R5 (269)

***Pardillana limbata* (Stal, 1878) [grasshopper]**

I.OB:amo *Malameba locustae* (King & Taylor, 1936); haemocoel, Malpighian tubules; R4 (335)

GRYLLIDAE

[crickets]

***Pteronemobius* (unidentified cricket species)**

I.OB:amo *Malameba locustae* (King & Taylor, 1936); Malpighian tubules; R4 (335)

LEPIDOPTERA

HEPIALIDAE

[ghost moths, swift moths]

***Oncoperaulhoguttata* Tindale, 1933 [Ebor grass grub]**

MIC:mic *Lavraia 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 *Lavraia 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)

PYRALIDAE

[pyralid moths]

***Samea multiplicalis* (Guenée, 1854) [moth]**

MIC:mic *Nosema* sp.; LU; R1 (779)

DIPTERA

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 *Duboseqia 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**

HEM:hae *Plasmodium falciparum* Welch, 1897; gut (exptl. infection); R1 (685)

MIC:mic *Duboseqia* sp.; larval fat bodies; R1 (1123)

***Anopheles meraukensis* Venhuis, 1932**

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); gut (exptl. infection); R1 (90, 685)

Anopheles punctulatus Dönitz, 1901

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

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

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

MIC:mic *Amblyospora trimus* 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)

CERATOPOGONIDAE

[biting midges]

Culicoides nubeculosus Macfie, 1758

HEM:hae *Hepaticystis levinei* Landau et al., 1985; gut, salivary glands (exptl. infection); R1 (623)

MUSCIDAE

[house flies]

Musca domestica Linnaeus, 1758 [common housefly]

ZOO:kin *Leptomonas muscae-domesticae* Burnett, 1906; LU; R1, R2 (581)

CALLIPHORIDAE

[blow flies]

Calliphora augur (Fabricius, 1775) [lesser brown blowfly, blue-bodied blowfly] syn. *C. oceanicae* = *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)

HYMENOPTERA**FORMICIDAE**

[ants]

Myrmecia pilosula (Smith, 1858)

GRE:eug Unidentified gregarine; body cavity; R2, R4 (237)

ECHINODERMATA**CRINOIDEA**

[sea lilies, feather stars]

Oligometra serripinna (Carpentier, 1881) [crinoid]

HAP:hap *Haplosporidium comatulae* Haye et al., 1984; haemal space; R21 (620)

ANNELIDA**OLIGOCHAETA****TUBIFICIDAE**

[sludge worms]

Doliodrilus diverticulatus Erseus, 1985

ACT:act *Sphaeractinomyxon ersei* Hallett et al., 1998; coelum, intestines; R13 (444)

HIRUDINEA**HAEMADIPSIDAE**

[leeches]

Chtonobdella limbata Grube, 1866

ZOO:kin *Trypanosoma* sp.; crop, R1 (996)

MOLLUSCA**GASTROPODA****ARCHEOGASTROPODA****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 olsenii* Lester & Davis, 1981;
muscle, haemolymph; R16 (126, 627, 654, 661,
666, 894)

Haliotis scalaris Leach, 1814 [staircase abalone]
PHY:din *Perkinsus olsenii* Lester & Davis, 1981;
muscle, haemolymph; R16 (402, 661)

CERITHIIDAE [ceriths]

Pyrazus ebeninus (Bruguier, 1792) [ebony swamp
cerith]
PHY:din *Perkinsus* sp.; tissues; R13 (402, 661)

BIVALVIA ARCOIDA

ARCIDAE [ark clams]

Barbatia foliata (Forsskål, 1775) [ark clam] = *B. corallicola*
PHY:din *Perkinsus* sp.; tissues; R21 (401, 402,
658)

Barbatia amygdalunostum (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)

MYTILOIDA

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)

PINNIDAE [pen shells]

Atrina pectinata Linnaeus, 1767 [comb pen shell]
PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

PTEROIDA

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)

MALLEIDAE [hammer oysters]

Malleus regula (Forsskål, 1775)
PHY:din *Perkinsus* sp.; tissues; R21 (401)

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)

PECTINIDAE [scallops]

Chlamys lentiginosa (Reeve, 1853) [freckled scallop]
PHY:din *Perkinsus* sp.; tissues; R21 (401)

OSTREIDAE [true oysters]

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*
FIAP: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)

Alectryonella plicatula (Gmelin, 1791)
PHY: din *Perkinsus* sp.; tissues; R21 (401)

SPONDYLIDAE
[thorny oysters]

Spondylus lamarecki 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)

VENEROIDA

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)

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)

CARDIIDAE
[cockles]

Acrosterigma unicolor (Sowerby, 1834) [unicolor cockle]
PHY: din *Perkinsus* sp.; tissues; R21 (401)

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 Lamareck, 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)

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)

PLATYHELMINTHES
TURBELLARIA

PTERASTERICOLIDAE
[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)

STYLOCHIDAE
[wafer worms, oyster leeches]

Stylochus (unidentified species)

HAP: hap *Urosporidium cannoni* Anderson et al., 1993; various tissues; R13 (13)

PLANTAE

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)

MORACEAE

Ficus scabra (Forster, 1786) [wild fig]
ZOO: kin *Herpetomonas bancroftii* Holmes, 1931; latex; R1 (48, 486)

Ficus opposita (Miq., 1848) [sandpaper fig]
ZOO: kin *Phytomonas bancroftii* (Holmes, 1931); latex; RU (1218)

PARASITE-HOST CHECKLIST

PROTISTA
 PROTOZOA
 SARCOMASTIGOPHORA
 MASTIGOPHORA
 PHYTOMASTIGOPHOREA
 DINOFLAGELLIDA
 BLASTODININA
BLASTODINIDAE
 (= OODINIDAE)

Amyloodinium (unidentified species)ACT *Lutjanus* sp.; skin; RU (983)*Crepidoodinium australe* Lom et al., 1993ACT *Sillago ciliata* Cuvier & Valenciennes, 1829
[sand whiting]; gills; R13 (671)*Crepidoodinium* (unidentified species)ACT *Sillago ciliata* Cuvier & Valenciennes, 1829
[sand whiting]; LU; R13 (669)

SYNDININA

SYNDINIDAE*Hematodinium australis* Hudson & Shields, 1994ART *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* (unidentified species)ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; hemolymph; R13 (505)ART *Trapezia cymodoce* (Herbst, 1799) [blue coral crab]; gill; R13 (502)*Syndinium* (unidentified species)ART *Paracalamus indicus* Wolfenden, 1906
[copepod]; coelum; R13 (612, 1068)**INCERTAE SEDIS***Perkinsus olseni* Lester & Davis, 1981MOL *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* (unidentified species)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 *Katelysia 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 [discal 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)

EUGLENIDA

EUGLENOPHYCEAE

Unidentified euglenid species

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines: RU (979)

EUTREPTINA

EUTREPTIDAE

Eutreptia parasitica Michajlow, 1978

ART *Mesocyclops varicans* (Sars, 1863); larvae: R1 (771)

HETERONEMATINA

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 (unidentified species)

ART *Mesocyclops varicans* (Sars, 1863); larvae: R1 (771)

EMBRYOCOLINA

EMBRYOCOLIDAE

Embryocola sulcatus Michajlow, 1972

ART *Mesocyclops leuckarti* (Claus, 1857); larvae: R1, R2 (771)

Nauplicola (unidentified species)

ART *Mesocyclops leuckarti* (Claus, 1857); larvae: R1, R2 (771)

Parastasiella naupliorum Michajlow, 1972

ART *Mesocyclops leuckarti* (Claus, 1857); larvae: R1, R2 (771)

ZOOMASTIGOPHOREA

KINETOPLASTIDA

BODONINA

BODONIDAE

Bodo (unidentified species)

REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; rectum: R5 (586)

Cryptobia (unidentified species)

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 *Bidyannus bidyannus* (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 (unidentified species)

ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; gills: R3 (857)

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills: R3 (857)

ACT *Salmo* sp.: I.U.: 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-car]; blood: R14 (79, 684, 696)

Trypanoplasma (unidentified species).

ACT *Anguilla* sp.: blood: RU (858)

TRYPANOSOMATINA

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*** (unidentified species)
- 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 *Acanthochaera chrysoptera* (Latham, 1801)
[little wattlebird]; blood; R1 (75, 208, 211, 212,
579, 581, 694)
- AVE *Cororax melanorhamphos* (Vieillot, 1817)
[white-winged chough]; blood; R1 (210, 581)
- AVE *Eutomyzon 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 *Mitroeca fascians* (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 uitlopi*** Mackerras & Mackerras, 1925
- ACT *Latropiscus purpurissatus* (Richardson,
1843) [Sergeant baker]; blood; R1 (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* Mitchell, 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 carchariusi*** Laveran, 1908
- CHO *Odontaspis* sp.; blood; R2 (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 granulosum** 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** Burreson, 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 notophoxis** 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** Burreson, 1989
 CHO *Taeniura lymma* (Forsskål, 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** (unidentified species)
 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 *Chtonobdella 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 *Sphecothères 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)

PROTEROMONADIDA

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)

RETORTAMONIDIDA

COCHLOSOMIDAE

- Cochlosoma* (unidentified species)
 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)

RETORTAMONADIDAE

- Chilomastix canlleryi* (Alexeieff, 1909)
 AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1, R9 (276, 277, 1087)
 AMP *Limnodynastes convexisculus* (Macleay, 1877) [unbarbled 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* (unidentified species)

- 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 nitridula* Kirby & Honigberg, 1950

- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; intestines; zoo (USA) (613)

DIPLOMONADIDAE

- Unidentified diplomonad species

- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (384)

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** (unidentified species)
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** (unidentified species)
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]; ileum, 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 dahlia* (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 infrastrigata* (Gunther, 1867) [giant tree frog]; 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 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 nvelau* Ingram et al., 1982; intestines; RU (276)
 AMP *Litoria rheocola* Liem, 1974; intestines; RU (276)
 AMP *Litoria rothi* (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 hilingua* Martin et al., 1980; intestines; RU (276)
 AMP *Ranidella insignifera* (Moore, 1954); intestines; RU (276)
 AMP *Ranidella parvinsignifera* (Main, 1957); intestines; RU (276)
 AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (276)
 AMP *Uperoleia laevigata* Keferstein, 1867; intestines; RU (276)

Spiroucleus meleagridis (McNeil et al., 1941) Kulda & Nohynkova, 1978; syn. *Hexamita meleagridis* McNeil et al., 1941

AVE *Meleagris gallopavo* Linnaeus, 1758 [domestic turkey]; intestines; R2 (73, 167, 1059, 1060)

Spiroucleus 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)

Spiroucleus (unidentified species)

AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; crop; R6 (748)

PYRSONYMPHIDA

PYRSONYMPHIDAE

Oxymonas (unidentified species)

ART *Bifiditermes improbus* (Hagen, 1858) [termite]; gut; RU (1113)

PARABASALIDEA
 TRICHOMONADIDA

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 (unidentified species)

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 dahlia* (Boulenger, 1896); intestines; RU (276)

AMP *Litoria dentata* (Kieferstein, 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* Kieferstein, 1867; intestines; RU (276)

Monocercomonas (unidentified species)

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; intestines; zoo (USA) (613)

DEVOSCOVIIDAE

Devoscovina hilli Duboscq & Grasse, 1926

ART *Calotermes iridipennis* Fröggart, 1896 [termite]; hindgut; R1 (317)

Devoscovina striata Foa, 1904

ART *Calotermes insularis* White, 1853 [termite]; gut; RU (1113)

ART *Biliditermes improbus* (Hagen, 1858) [termite]; gut; RU (1113)

Pseudodevoscovina uniflagellata Sutherland, 1933

ART *Calotermes insularis* White, 1853 [termite]; gut; RU (1113)

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 (Alexeïeff, 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** (unidentified species)
- AMP *Litoria caerulea* (White, 1790) [green tree frog]; gut; R1 (581)
- Trichomitus 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 dahlui* (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 nanmotis* (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 hibronii* 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** (unidentified species)
- 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)
- Trichomonas 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)
- Trichomonas 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)

CALONYMPHIDAE

Stephanonympha silvestrii Janicki, 1915
ART *Calotermes insularis* White, 1853 [termite]; gut; RU (1113)

HYPERMASTIGIDA

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)

LOPHOMONADINA

JOENIIDAE

Joenina pulchella Grassi, 1917
ART *Porotermes adamsoni* (Froggatt) [termite]; gut; RU (1113)

TRICHONYMPHINA

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)

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)

STAUROJOENINIDAE

Staurojoenina assimilis Kirby, 1926
ART *Bifiditermes improbus* (Hagen, 1858) [termite]; gut; RU (1113)

SPIROTRICHONYMPHINA

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)

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)

**OPALINATA
OPALINATEA
OPALINIDA
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 (unidentified species)
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*** (Raffl., 1911) Metcalf, 1923; syn. *Opalina acuta* Raffl., 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 latopalmata* 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 dahlui* (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 gracilenta* (Peters, 1869) [dainty green tree frog]; intestines; RU (275, 279)
- AMP *Litoria inermis* (Peters, 1867); intestines; RU (275, 279, 943)
- AMP *Litoria latopalmata* 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 nigrofrenta* (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* (Rall, 1912) Metcalf, 1923; syn. *P. peronii* Metcalf, 1923; syn. *Opalina dorsalis* Rall, 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* (Rall, 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 nigrifrenata* (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 tolmieri* (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 sabini* 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 nigrofasciatus* 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* Ralf, 1911
- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines: RU (275, 277, 279, 1087)
- AMP *Cyclorhina 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* (Kieferstein, 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** (Ralf, 1911) Metcalf, 1923; syn. *Opalina tenuis* Ralf, 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** (unidentified species)
- ACT *Acanthurus nigrofasciatus* 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** (Rafī, 1911) Metcalf, 1923; syn. *Opalina binucleata* Rafī, 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 canusi** Delvinqvier, 1987
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)
- Zelleriella devincki** Delvinqvier, 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** Delvinqvier, 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** Delvinqvier, 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** (unidentified species)
- 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)

SARCODINA
RHIZOPODEA
LOBOSEA
GYMNAMOEBIA
AMOEBIDA
THECINA

THECAMOEBIDAE

Thecamoeba (unidentified species)

- CHO *Heterodontus galeatus* Günther, 1870 [crested Port Jackson shark]; gills; aquarium (144, 628, 634, 983)

TUBULINA

AMOEBIDAE

Amoeba (unidentified species)

- 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 *Parthyllana limbata* (Stal, 1878) [grasshopper]; haemocoel, Malpighian tubules; R4 (335)

ART *Pteronemobius* sp.; Malpighian tubules; R4 (335)

ENTAMOEBIDAE

Dientamoeba fragilis Jepps & Dobell, 1918

- MAM *Homo sapiens* Linnaeus, 1758 [human]; gut; RU, R2 (65, 130, 692, 1217)

Endamoeba (unidentified species)

- 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 Ralf., 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 nutris (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 (unidentified species)

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* (Lacépède, 1804) [carpet python]; faeces; R1 (899)

Isotamoeba butschlii (Prowazek, 1911) Dobell, 1919

MAM *Homo sapiens* Linnaeus, 1758 [human], gut, faeces; RU, R2, R3 (65, 283, 405, 692, 728, 1217, 1244)

HARTMANELLIIDAE

Hyalolaktylethra 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 (unidentified species)

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (384)

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)

CONOPODINA

PARAMOEBIDAE

Paramoeba pemaquidensis Page, 1970

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills; RU (670)

Paramoeba (unidentified species)

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)

ACANTHOPODINA

ACANTHAMOEBIDAE

Acanthamoeba (unidentified species)

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)

LEPTOMYXIDA

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 *Stolotermes victoriensis* Hill, 1921 [termite]; gut; RU (1113)

MAM *Macropus eugenii* (Desmarest, 1817) [tammur 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)

APICOMPLEXA
GREGARINIA
NEOGREGARINIDA

LIPOTROPHIDAE

Mattesia (unidentified species)

ART *Oncopera intricata* Walker, 1856 [corbie]; larvae; R3 (1270)

ART *Oncopera rufobrunnea* Tindale, 1933 [underground grass grub]; larvae; R3 (1270)

EUGREGARINIDA

LECUDINIDAE

Monocystella epibatis Cannon & Jennings, 1988

PLA *Pterastericola vivipara* Cannon, 1978 [turbellarian parasitic in crown-of-thorns starfish *Acanthaster planci*]; gut; R21 (174, 526)

POROSPORIDAE

Nematopsis (unidentified species)

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)

COCCIDIA
ADELEIDA

HAEMOGREGARINIDAE

Haemogregarina amethystina Johnston, 1909

REP *Morelia amethystinus* (Schneiger, 1801) [amethystine python]; blood; R1 (211, 566, 570, 572, 577, 581, 695)

REP *Morelia spilotes* (Lacépède, 1804) [carpet python]; blood; R1 (695)

Haemogregarina aspidomorphi Mackerras, 1961

REP *Cacophis harriettae* Kreffl, 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 anlopi 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 calligastera* (Gunther, 1867) [northern tree snake]; blood; R8, R9 (665, 695)

Haemogregarina carchariasi 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) [Kreffl'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 hinulidae 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* (Lacépède, 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* (Lacépède, 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* (Lacépède, 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. *Danilewskyia 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* (Lacépède, 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* (Lacépède, 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 tetraodontis*** Mackerras & Mackerras, 1961
 ACT *Arothron hispidus* (Linnaeus, 1758) [broad-banded 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*** (unidentified species)
 ACT *Pomacentrus melanochir* Russel et al., 1974; blood; R21 (137, 658)
 MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; blood; RU (692)
 REP *Acanthophis antarticus* (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* (Krefft, 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* (Lacepède, 1804) [carpet python]; blood; R1, R4, zoo (UK) (743, 899, 1054)
 REP *Nephurus 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)
- Hepatoozon 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)
- Hepatoozon 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)
- Hepatoozon 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, 1905
MAM *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, 1909
MAM *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, 1909
MAM *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 pseudoecheiri** Mackerras, 1959
MAM *Pseudocheirus langinosus* (Gould, 1858) [ring tail possum]; blood; R1 (693)
- Hepatozoon** (unidentified species)
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** (unidentified species)
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)

KLOSSIELLIDAE

- Klossiella bettongiae** Barker et al., 1985
MAM *Bettongia gaimardi* (Desmarest, 1822) [Tasmanian bettong]; kidney; R3 (58, 851)
- Klossiella beveridgei** Barker et al., 1985
MAM *Lagorchestes conspicillatus* Gould, 1842 [spectacled hare-wallaby]; kidney; R1 (58, 851)
- Klossiella callitris** Barker et al., 1975
MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; kidney; R4 (54, 826, 851, 1124)
- Klossiella convolutor** Barker et al., 1975
MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; kidney; R3 (54, 826, 851, 971, 1124)
- Klossiella equi** Baumann, 1946
MAM *Equus caballus* Linnaeus, 1758 [horse]; kidney; R1 (29, 167, 644)
- Klossiella hydromyos** Winter & Watt, 1972
MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; kidney; R1 (1073, 1074, 1124, 1249)
- Klossiella muris** Smith & Johnson, 1902
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; kidney; RU (284, 692)
- Klossiella quimrensis** Barker et al., 1975
MAM *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., 1985
MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; kidney; R4 (58)
- Klossiella rufogrisei** Barker et al., 1985
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; kidney; R3 (58)
- Klossiella schoinobatis** Barker et al., 1985
MAM *Petauroides volans* (Kerr, 1792) [greater glider]; kidney; R2 (58, 851)
- Klossiella serendipensis** Barker et al., 1975
MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; kidney; R2 (54, 826, 851, 1124)
- Klossiella thylogale** Barker et al., 1985
MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; kidney; R3 (58)
- Klossiella** (unidentified species)
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 billardierii* (Desmarest, 1822) [Tasmanian pademelon]; kidney; RU (826, 851)

EIMERIIDA

AGGREGATIDAE

Aggregata (unidentified species)

- ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; connective tissues; R13 (1067)

PFEIFFERINELLIDAE

Pfeifferinella (unidentified species)

- MAM *Thylogale thetis* (Lesson, 1827) [red-necked pademelon]; faeces; RU (60)

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 (unidentified species)

- 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 billardierii* (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* (Lacepède, 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 carinatus* (Krefft, 1863) [rough-scaled snake]; faeces; R5 (898)
- REP *Varanus giganteus* (Gray, 1845) [perentie]; faeces; R5 (898)

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 caeruleus* Latham, 1801 [silver-eye]; blood; zoo (NZ) (446, 694)
- Lankesterellapicunni* Mackerras & Mackerras, 1960
- AVE *Climacteris picumnus* Temminck, 1824 [brown treecreeper]; blood; R4 (446, 694)

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* (unidentified species)
- 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* (= 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 aepyrymni* Barker et al., 1988
- MAM *Aepyrymnus 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 alijevi*** 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*** Tubangui, 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 crandallii*** 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 deblicieki*** 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 dykovae*** 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* (Lacépède, 1804) [White's skink]; faeces, gall bladder; R4 (172)
- Eimeria ellipsoidalii*** 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) [antilopine 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* Musaeu, 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 leiolopismatis*** Cannon, 1967
REP *Leiolopisma challengeri* 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. cumamullensis* 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 neodeblickei*** 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 philypnodon*** Molnar & Rohde, 1988
 ACT *Philypnodon grandiceps* (Kreffl, 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 potoroï*** 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) [tamar 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 billardieri* (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 *Hypsiprymmodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)
- Eimeria spratti*** Barker et al., 1988
MAM *Hypsiprymmodon 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 cuniculi* 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 *Hypsiprymmodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)
- Eimeria toganmainensis*** Mykytowycz, 1964
MAM *Macropus eugenii* (Desmarest, 1817) [tammur 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 *Lasiorhinus 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 *Lasiorhinus 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* (unidentified species)
ACT *Bidyamus bidyamus* (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 *Sphecothères 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 *Isodon 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 antarcticus* (Shaw & Nodder, 1802) [common death adder]; faeces, intestines; R1, R5 (743, 899)
REP *Austrelaps superbis* (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* Kreffl, 1869 [Stephen's banded snake]; faeces; R1 (899)
REP *Morelia spilotes* (Lacépède, 1804) [carpet python]; faeces; R1 (899)
REP *Notechis ater* (Kreffl, 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 *Underwoodosaurus 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** (unidentified species)
 ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gut; RU (858)
 ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; gut; RU (858)
 ACT *Bidyamus bidyamus* (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** (unidentified species)
 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* (Kreffl, 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** (unidentified species)
 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** (unidentified species)
 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)
- Isospora 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)
- Isospora belli*** Wenyon, 1923
 MAM *Homo sapiens* Linnaeus, 1758 [human]; faeces: R2, R8 (142, 763)
- Isospora boxae*** Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora canis*** Nemeseri, 1959
 MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R5, R6 (95, 167, 1040)
- Isospora cannoni*** Finkelman & Paperna, 1994
 REP *Diporiphora australis* (Steindachner, 1867); small intestine; R1 (367)
- Isospora cryptoblephari*** Finkelman & Paperna, 1994
 REP *Cryptoblepharus virgatus* (Garman, 1901); small intestine; R1 (366)
- Isospora delmae*** Finkelman & Paperna, 1994
 REP *Delma nasuta* Kluge, 1974; small intestine; R5 (366)
- Isospora egerniae*** Cannon, 1967
 REP *Egernia whitii* (Lacepède, 1804) [White's skink]; faeces, intestine; R4 (171)
- Isospora 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)
- Isospora gonnetae*** Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora iansmithi*** Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora jacobfrenkeli*** Grulet et al., 1985; syn. *I. frenkeli* Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora michaelbakeri*** Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora mikei*** Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora miltgeni*** Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora 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)
- Isospora 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)
- Isospora spratti*** Grulet et al., 1982
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)
- Isospora suis*** Biester, 1934
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1, R2, R3, R5, R6 (167, 304, 305)
- Isospora*** (unidentified species)
 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 (432)
 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 *Pseudothecadactylus 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 (unidentified species)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; faeces; R1 (899)

AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; faeces; R1 (899)

Tyzzeria (unidentified species)

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* (Forsskål, 1775); gall bladder; R21 (658)

AVE *Agapornis* sp.; intestine; 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) [tamar 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)

SARCOCYSTIDAE

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 (unidentified species)

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) [tammar 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** (Ladros & Laarman, 1976) Dubey, 1977
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces: R6 (1040)
- Hammondia** (unidentified species)
- 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** Dolléin, 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** Bourme, 1934
- MAM *Bettongia lesueuri* (Quoy & Gaimard, 1824) [burrowing bettong]; skeletal muscle: R6 (122, 312, 606)
- Sarcocystis blanchardi** Dolléin, 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** (Jusselmann, 1923) Wenyon, 1926; syn. *S. bovicanis* Heydorn et al., 1975
- MAM *Bos taurus* Linnaeus, 1758 [ox]; muscles, various organs, antibodies (IFAT, 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** Brunpt, 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 *Barbarydus 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 viratus* (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) [cockatiel]; various tissues: zoo (USA) (480)
- AVE *Platycercus caledonicus* (Gmelin, 1788) [green rosella]; various tissues: zoo (USA) (480)
- AVE *Prohasciger aterrimus* (Gmelin, 1788) [palm cockatoo]; various tissues: zoo (USA) (480)
- AVE *Purpuricephalus 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. bovisfelis* 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. bovihominis* 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** Dissanayake & Kim, 1978
 MAM *Bubalus bubalis* (Linnaeus, 1758) [water buffalo]; muscles: RU (167)
 MAM *Canis familiaris* Linnaeus, 1758 [dog]; 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 billardierii* (Desmarest, 1822) [Tasmanian pademelon]; intestinal submucosa; R3 (520)
- Sarcocystis murinotechis** Munday & Mason, 1980
 MAM *Mustacomys fuscus* Thomas, 1882 [broad-toothed rat]; heart, skeletal muscle, lung, kidney; R3 (836)
- MAM *Pseudomys higginsii* (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* (Krefft, 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 *Movilia spilotes* (Lacépède, 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** (unidentified species)
 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) [darted]; 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 lombergi* 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 *Poliiocephalus 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, 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; RÜ, R1 (830, 1074)
- MAM *Isoodon macrourus* (Gould, 1842) [northern brown bandicoot]; muscle; RU (830)
- MAM *Isoodon 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; RÜ (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 higginsi* (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 billardierii* (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* (Kreffl, 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* (Lacepède, 1804) [carpet python]; faeces, small intestines; R1, R4 (743, 899, 1033)
- REP *Notechis ater* (Kreffl, 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 *Casuarius casuarius* (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 spilornhoa* 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 *Dasyercerus* (syn. *Dasyuroides*) *byrnei* (Spencer, 1896) [kowari]; tissue cysts; RU (38)
- MAM *Dasyercerus cristicauda* (Kreffl, 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 *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot]; lung, brain, antibodies (CFT); R1 (224, 826, 961, 962, 1060)
- MAM *Lasiorhinus 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 (unidentified species)

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* (Kreffl, 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)

**HAEMATOZOA
HAEMOSPORIDA
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 kreffti* (Gray, 1871) [Kreffl's river turtle]; blood; R1 (211, 212, 572, 575, 695)
- REP *Emydura macquarii* (Gray, 1830) [Murray turtle]; blood; R2 (577, 581, 695)
- Haemocystidium** (unidentified species)
- 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 melanotos* (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 *Eudynamis cyanocephala* Latham, 1801 [cuckoo]; blood; R1 (128, 217, 581)
- AVE *Eudynamis orientalis* (Linnaeus, 1766) [koel]; blood; R1 (694)
- AVE *Gymnorhina leucouota* (Gould, 1837) [white-backed magpie]; blood; zoo (UK) (579, 694, 959)
- AVE *Haliaeetus gireneris* Vieillot, 1817 [white-headed sea-eagle]; blood; R1 (128, 217, 581, 694)
- AVE *Megalururus 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)
- Willely, 1904; syn. *Haemoproteus simondi* (Castellani & Willely) Wenyon, 1926
- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; blood; R1 (40, 695)
- REP *Heteronotia binocoi* (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; R1 (801)
- AVE *Chenonetta jubata* (Latham, 1801) [maned duck]; blood; R2 (74)
- AVE *Tudorna tudornoides* (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 pitlotis** (Cleland & Johnston, 1909) Bennett et al., 1994; syn. *Haemoproteus philemon* (Cleland & Johnston, 1909) Coatney, 1936; syn. *Halteridium philemon* Cleland & Johnston, 1909; syn. *Halteridium pitlotis* 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*** (unidentified species)
- 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 *Eudynamis cyanocephala* Latham, 1801 [cuckoo]; blood; R1 (217)
- AVE *Eudynamis 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 albogularis*'; 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 fascians* (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*** (unidentified species)
- 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 *Acanthochoaera 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 sanguinolenta* (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 *Sphecothères 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*** (unidentified species)
- AVE '*Ailuroedus smithi*'; blood; R1 (217)
- AVE *Alisterus scapularis* (Lichtenstein, 1816) [Australian king-parrot]; tissues; zoo (UK) (1216)
- AVE *Climacteris picumnus* Temminck, 1824 [brown tree creeper]; 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 *Neophemaphys 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 vieillotii* Vigors & Horsfield, 1827 [southern figbird]; blood; R1 (694)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood, muscle, heart, lung, liver; R2 (461, 694)
- Pirhemocytton tarentolae** Chatton & Blanc, 1914
- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree diella]; blood; R1 (695, 1094)
- REP *Phyllurus platurus* (White, 1790) [southern leaf-tailed gecko]; blood; R2 (66, 695)
- Pirhemocytton** (unidentified species)
- REP *Morelia spilotes* (Lacepède, 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 *Malacornhynchus 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* (Lacepède, 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 *Scirius 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 melanoccephala* (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*** (unidentified species)
- 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* Malschie, 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 pumilus* (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 caeruleus* 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 naivevrii* (Kuhl, 1819); blood; RU (692, 767)
- REP *Crocodylus porosus* Schneider, 1801 [salt water crocodile]; erythrocytes; R1 (919)
- REP *Morelia spilotes* (Lacépède, 1804) [carpet python]; blood; R4 (743)

PIROPLASMIDA

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 (CFI, 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 *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; R1 (693)

Babesia (unidentified species)
 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 bimoei* (Gray, 1845) [Bynoe's gecko]; blood; R1 (899)

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* Yakimov & 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 *Isodon 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 (unidentified species)

ART *Haemaphysalis bancroftii* 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)

MICROSPORA

MICROSPOREA

MICROSPORIDA

PANSPOROBLASTINA

AMBLYSOPORIDAE***Amblyospora dyxenooides*** 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 (unidentified species)

ART *Culex australicus* Dubrotworsky & Drummond, 1953 [culicine mosquito]; fat bodies; R4 (1123)

DUBOSCQIIDAE***Duboscqia aediphaga*** Kettle & Piper, 1988

ART *Aedes vigilax* (Skuse, 1889) [saltmarsh mosquito]; larval fat bodies; R1 (611)

Duboscqia (unidentified species)

ART *Anopheles hilli* Woodhill & Lee, 1944 [anopheline mosquito]; larval fat bodies; R1 (1123)

ART *Apocyclops dengizicus* (Lepeschkin, 1900) [copepod]; LU; R1 (1123)

GLUGEIDAE***Pleistophora sciaenae*** Johnston & Bancroft, 1918

ACT *Johnius belangeri* (Cuvier, 1830) [little jewfish]; ovary; R13 (79, 584, 627, 858)

Pleistophora (unidentified species)

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 yabby]; muscles; R5 (893)

Vavraia oncooperae (Milner & Beaton, 1977) Malone et al., 1987; syn. *Pleistophora oncooperae* Milner & Beaton, 1977

ART *Oncopera alboguttata* Tindale, 1933 [Ebor grass grub]; muscle, fat bodies, connective tissues; R2, R4 (723, 774, 775, 776, 777)

ART *Oncopera rufobrunnea* Tindale, 1933 [underground grass grub]; 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 (unidentified species)

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; LU; RU (175)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; LU; RU (175)

PSEUDOPLEISTOPHORIDAE***Octosporea muscaedomesticae*** Flu, 1911

ART *Lucilia cuprina* (Wiedemann, 1830) [green bottle fly, sheep blowfly]; midgut; R5 (226, 1075)

THELOHANIIDAE***Thelohania duorara*** Iverson & Manning, 1959

ART *Penaeus esculentus* Haswell, 1879 [tiger prawn]; LU; R21 (10)

ART *Penaeus latisulcatus* 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 merguiensis* 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 (unidentified species)

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)

TUZETHIDAE

Tuzetia boeckella Milner & Mayer, 1982

ART *Boeckella triarticulata* (Thomson, 1883) [copepod]; muscles; R4 (778)

APANSPOROBLASTINA

NOSEMATIDAE

Ichthyosporidium (unidentified species)

ACT *Salmo trutta* Linnaeus, 1758 [brown trout]; viscera, kidney, liver, spleen; R1 (1072)

ACT Unidentified mullet species; viscera; R1 (1072)

Nosema (unidentified species)

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces (incidental finding); R1 (741)

ART *Oncoperatindalei* Common, 1966 [Tindale's grass grub]; LU; R2 (775, 1270)

ART *Samea multiplicalis* (Guenée, 1854) [moth]; LU; R1 (779)

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 bieneusi Desportes et al., 1985

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, intestines; R5 (679)

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 (unidentified species)

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 (unidentified species)

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 *Etrumeusteres* (De Kay, 1842) [maray, round herring]; muscle; R18 (636)

ACT *Gymnocranius audleyi* Ogilby, 1916 [iodine bream]; muscle; R13 (899)

ACT *Hyperlophus vittatus* (Castelnau, 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)

MYXOZOA
 MYXOSPOREA
 BIVALVULIDA
 SPHAEROMYXINA
 SPHAEROMYXIDAE

Sphaeromyxa nesogobii Su & White, 1994

ACT *Nesogobius* sp.; gall bladder, R15 (1110)

Sphaeromyxa (unidentified species)

ACT *Heteroclinus whiteleggi* (Ogilby, 1894)
 [Whitelegg's weedfish]; gall bladder, R13 (669)

ACT *Hoplostethus atlanticus* Collett, 1889 [orange
 roughly]; gall bladder, R14, R15, R16 (657)

VARIISPORINA

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* (Castelnau, 1877) [Hills
 grunter]; gall bladder, R10 (79, 584)

Myxidium (unidentified species)

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 (unidentified species)

ACT *Callionymus limiceps* Ogilby, 1908
 [dragonet]; gall bladder, R13 (899)

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* (unidentified species)
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)

PARVICAPSULIDAE

- Parvicapsula* (unidentified species)
ACT *Chaetodon aurvofasciatus* Macleay, 1878; gall bladder, R21 (658, 802)
ACT *Diodon hystrix* Linnaeus, 1758 [porcupine fish]; kidney; R21 (658)

SINUOLINEIDAE

- Sinuolinea lesteri* Moser et al., 1989
CHO *Hemiseyllum ocellatum* (Bonmatte, 1788) [epaulette shark]; gall bladder, R21 (658, 802)
- Sinuolinea* (unidentified species)
ACT *Chromis atripectoralis* Welander & Schultz, 1951; gall bladder, R21 (658, 802)

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 aurvofasciatus* 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 *Petuscirtes fallax* Smith-Vaniz, 1976; gall bladder, R21 (658, 802)

Ceratomyxa (unidentified species)

- 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 *Eptinophelus quoyanus* (Cuvier & Valenciennes, 1830) [wire netting cod]; gall bladder, R13, R21 (658, 802, 899)
ACT *Herklotsiehlthys castelmanni* (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* (Lacepède, 1802) [leopard coral trout]; gall bladder, R13, R21 (658, 802, 899)
ACT *Scorpius lineolatus* Kner, 1865 [silversweep]; LU, R13 (669)
ACT *Sufflamen chrysopterus* (Bloch & Schneider, 1801) [lagtail triggerfish]; gall bladder, R21 (658, 802)
- Leptotheca beveridgei* Moser et al., 1989
ACT *Scorpaenopsis gibbosus* (Bloch & Schneider, 1801); gall bladder, R21 (658, 802)
- Leptotheca* (unidentified species)
ACT *Tetrapon jarbua* (Forsskål, 1775); gall bladder, R21 (658, 802)

SPHAEROSPORIDAE

- Hoferellus carassii* Aklimerov, 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* (unidentified species)
ACT *Cyprinus carpio* [European carp]; kidney; R1, R3, R6 (627)
- Sphaerospora aldrichettae* Su & White, 1994
ACT *Aldrichetta forsteri* (Cuvier & Valenciennes, 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* (unidentified species)
ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; kidney; R13 (1025)
ACT *Cyprinus carpio* [European carp]; kidney; R1, R3, R4, R6 (627)

ACT *Gerrus subfasciatus* (Cuvier, 1830) [silver biddy]; kidney; R13 (669)

ACT *Myxus elongatus* Gunther, 1861 [sand mullet]; kidney; R13 (669)

CHLOROMYXIDAE

Chloromyxum noblei Moser et al., 1989

CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; gall bladder; R21 (658, 802)

CHO *Taeniura lymma* (Forsskål, 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 (unidentified species)

CHO *Dasyatis kuhlii* (Müller & Henle, 1841) [blue-spotted maskray]; gall bladder; R13 (669)

ACT *Echeneis naucrates* Linnaeus, 1758 [suckerfish]; gall bladder; R21 (658)

PLATYSPORINA

MYXOBOLIDAE

Hemeguya australis Johnston & Bancroft, 1918

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gills; R10 (34, 79, 584, 839, 1030)

Hemeguya gracilis Johnston & Bancroft, 1918

ACT *Scorinum hillii* (Castelnau, 1877) [Hills grunter]; gill filaments; R10 (79, 584, 627)

Hemeguya (unidentified species)

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 *Latescalcarifer* (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 cerebralis 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 (unidentified species)

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 *Gerrus 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 *Syflamen 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 (unidentified species)

ACT *Gadopsis marmoratus* Richardson, 1848 [river blackfish]; gills; RU (35)

ACT *Hypseleotris compressa* (Kreffl, 1864) [empire gudgeon]; muscle; R2 (984)

ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; gills; R4 (35, 1030)

ACT *Maccullochela peeli* (Mitchell, 1838) [Murray cod]; gills; R4 (35, 1030)
 ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gills; R4 (35, 1030)

MULTIVALVULIDA

TRILOSPORIDAE

Unicapsula seriola Lester, 1982

ACT *Seriola grandis* Castelnau, 1872 [yellowtail kingfish]; muscle; R13 (144, 628, 634, 655, 670, 803, 858)

Unicapsula (unidentified species)

ACT *Seriola grandis* Castelnau, 1872 [yellowtail kingfish]; muscle; R13 (79)

KUDOIDAE

Kudoa ciliata 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 thyrsites (Gilchrist, 1924); syn. *Chloromyxum thyrsites* (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 atun* (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 (unidentified species)

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 (unidentified species)

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 triptectoralis* Welander & Schultz, 1951; gall bladder; R21 (802)

ACT *Epinephelus fasciatus* (Forsskål, 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* (Lacepède, 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* (Freminville, 1813) [smooth toadfish]; gall bladder; R13 (669)

ACT *Trachinotus blochi* (Lacepède, 1802) [snub-nosed dart]; gall bladder; R21 (658, 802)

ACT Unidentified mullet species; internal organs; R13 (23, 79)

ACTINOSPORA

ACTINOMYXIDA

SPHAEROACTINOMYXIDAE

Sphaeractinomyxon ersei Hallett et al., 1998

ANN *Doliodrillus divorticulatus* Erseus, 1985 [oligochaete]; coelum, intestines; R13 (444)

HAPLOSPORIDIA

HAPLOSPORA

HAPLOSPORIDA

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)

PARAMYXEA
MARTEILIDEA
MARTEILIDA

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)

CILIOPHORA
POSTCILIODESMATOPHORA
SPIROTRICHEA
HETEROTRICHA
CLEVELANDELLIDA

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 ternitis 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 (unidentified species)

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 (unidentified species)

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad];
intestines; R1 (277, 384, 1087)

Paracichlidotherus leeuwenhoekii Grim, 1992

ACT *Zebbrasoma scopas* Cuvier, 1829 [brushtail
tang]; intestines; R21 (127, 427)

RHABDOPHORA
LITOSTOMATEA
HAPTORIA
PLEUROSTOMATIDA

AMPHILEPTIDAE

Pseudoamphileptus macrostoma (Chen, 1955)
Foissner, 1985

ACT *Cyprinus carpio* [European carp]; feeding on
epizoic peritrichs; RU (670)

TRICHOSTOMATIA
VESTIBULIFERA

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 tuberosis* Lacepède, 1802
[surgeonfish]; intestines; R21 (428)

Balantidium zebrascopi Grim, 1992

ACT *Zebbrasoma scopas* Cuvier, 1829 [brushtail
tang]; intestines; R21 (427)

Balantidium (unidentified species)

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)

ISOTRICHIIDAE

Dasytricha (unidentified species)

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)
[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 *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; stomach; RU (273, 906)

Isotricha (unidentified species)

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)

ENTODINIOMORPHIDA

ENTODINIOMORPHINA

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 (unidentified species)

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)

CYCLOPOSTHIIDAE

Cycloposthium (unidentified species)

MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; R1 (899)

OPHRYOSCOLECIDAE

Entodinium (unidentified species)

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; RU (273)

MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach; RU (273)

TROGLODYTELLIDAE

Troglodytella abressarti Brumpt & Joyeux, 1912

MAM *Hylobates syndactylus* Raffles, 1821 [siamang], faeces, zoo (Aust.) (897)

CYRTOPHORA

PHYLLOPHARYNGEA

PHYLLOPHARYNGIA

CYRTOPHORIDA

CHLAMYDODONTINA

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 (Kiemik, 1909) Kahl, 1931

ACT *Amniataba pereoides* (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 peelii* (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 (unidentified species)

ACT *Glossolepis incisus* 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)

SUCTORIA ENDOGENIDA 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 (unidentified species)

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)

TOKOPHRYIDAE

Tokophrya cycloptum (Claprede & Lachmann, 1859) Butschli, 1889

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods: R5 (893)

Tokophrya (unidentified species)

ART *Macrobrachium* sp.; exoskeleton; RU (945)

EXOGENIDA

EPELOLOTIDAE

Ephelota (unidentified species)

ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; gills: R1 (501)

PODOPHRYIDAE

Podophrya (unidentified species)

ART *Macrobrachium* sp.; exoskeleton; RU (945)

OLIGOHYMENOPHOREA HYMENOSTOMATIA HYMENOSTOMATIDA TETRAHYMENINA TETRAHYMENIDAE

Tetrahymena pyriformis (Ehrenberg, 1830) L.wolf, 1947

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; systemic infection: R1 (323)

Tetrahymena (unidentified species)

ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills: R4 (144, 1030)

ACT *Maccullochella peelii* (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)

OPHRYOGLENINA

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* (Lacepède, 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 narmoratus* 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)

SCUTICOCILIATIDA
PHILASTERINA

PARANOPHRYIDAE

Paranophrys (unidentified species)

- ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; haemolymph; R13 (1067)

URONEMATIDAE

Uronema nigricans (Mueller, 1786) Florentin, 1901

- ACT *Thunnus maccoyii* Castelnau, 1872 [southern bluefin tuna]; brain; R16 (859)

Uronema (unidentified species)

- 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)

PERITRICA
SESSILIDA

SCYPHIDIIDAE

Apiosoma campanulata (Timofeev, 1962) Lom, 1966

- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; skin; R4 (669)

Apiosoma (unidentified species)

- ACT *Hypseleotris klunzingeri* (Ogilby, 1898) [western carp gudgeon]; skin; R4 (1030)

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 (unidentified species)

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 (unidentified species)

ART *Penaeus monodon* Fabricus, 1798 [giant tiger prawn]; gills; R1 (921)

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 ocellosa 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 (unidentified species)

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 yabbie]; 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 yabbie]; 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)

OPERCULARIDAE

Operculigera obstipa Clamp, 1991

ART *Metaphreatoicus australis* (Chilton, 1891); pleopods; R4 (195)

Operculariella (unidentified species)

ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; gills; R13 (1067)

Pyxidium (unidentified species) (= *Ampullaster*)

ART Unidentified freshwater crayfish species; gills; RU (465)

VAGINICOLIDAE

Vaginicola ampulla Stokes, 1886

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

Vaginicola (unidentified species)

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

ART *Macrobrachium* sp.; exoskeleton; RU (945)

Pyxicola bicalceata Kane, 1964

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills; RU (175, 920, 945)

Pyxicola carteri Kent, 1882

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; pleopods; R5 (893)

Pyxicola jacobi Kane, 1964

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills; RU (175, 773, 920, 945)

Pyxicola pusilla Wrzesniowski, 1870

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; pleopods; R5 (893)

Cothurnia (unidentified species)

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; 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)

VORTICELLIDAE

Vorticella calciformis Kahl, 1933

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

Vorticella convallaria Linnaeus, 1758

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

Vorticella flexuosa Nenninger, 1948

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

Vorticella jaerae Precht, 1935

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

Forticella (unidentified species)

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)

ZOOTHAMNIDAE***Zoothamnium*** (unidentified species)

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)

MOBILINA**TRICHODINIDAE*****Trichodina australis*** Su & White, 1995

ACT *Atherinosoma microstoma* (Günther, 1861) [small mouth hardyhead]; gills; R15 (1111)

ACT *Kestratherina brevirostris* (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 (unidentified species)

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* (Fremenville, 1813) [smooth toadfish]; gills; R13 (669)

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; skin (tadpoles), intestines; R1 (277, 1087)

Trichodinella (unidentified species)

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)

APOSTOMATIA**APOSTOMATIDA****Unidentified apostome**

ART *Penaeus plebejus* Hess, 1865 [eastern king prawn]; gills; RU (919)

ART *Saron marmoratus* (Nobili, 1904) [shrimp]; gills; R21 (658)

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 (unidentified species)
 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]; haemocytetes; RU (347)
 MOL *Ostrea lurida* Carpenter, 1864 [native Pacific oyster]; haemocytetes; RU (347)

Dermocystidium (unidentified species)
 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]; haemocytetes; 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)

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APPENDIX

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