

CATALOGUE OF PROTOZOAN PARASITES RECORDED IN AUSTRALIA

Professor Peter O'DONOGHUE

Faculty of Science, The University of Queensland,
Brisbane QLD 4072 Australia
p.odonoghue@uq.edu.au

SCOPE

All previously 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. Records (including taxonomic authorities, synonyms, common names, sites of infection and geographic locations) have been extracted from over 2,000 papers and are itemized for over 900 protozoan species (amoebae, flagellates, ciliates, apicomplexans, microsporans, myxozoans, haplosporidians, paramyxans); and over 1,100 hosts (mammals, marsupials, birds, reptiles, amphibians, fish, invertebrates).

INTRODUCTION

Published records of protozoan organisms associated with Australian hosts are scattered throughout the scientific literature. This catalogue draws them all together into a single database. An earlier version of the catalogue was published as a monograph over a decade ago (O'Donoghue & Adlard, 2000) while the present version is expanded to include numerous papers published since as well as those inadvertently overlooked. The catalogue has compiled all published accounts of protozoan organisms associated with host organisms in Australia into a host-parasite checklist, a parasite-host checklist and bibliography.

Published Accounts:

Records are derived from bona fide publications comprising reference text books, refereed scientific journals and the edited proceedings of major conferences or workshops (i.e. sources allocated an ISBN code and readily available in major libraries). Unconfirmed anecdotal observations, thesis reports and conference abstracts have not been included as they are not recognized as legitimate sources for species descriptions according to the International Code of Zoological Nomenclature. 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 "≡").

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 (Lee *et al.*, 2000). Protozoa are unicellular eukaryotic organisms (single-celled organisms with membrane-bound nuclei) and are classified separately from the metazoan (multicellular) organisms (animals, plants and fungi). Early classification systems recognized the separate kingdom Protozoa, but later systems classified the protozoa with several algal and fungal groups in the kingdom Protista or Protoctista (protozoa being the motile protists as distinct from non-motile algal and fungal protists). More recent molecular phylogenetic studies have demonstrated the diverse and disparate nature of many protistan groups, and their higher taxonomic classification is in turmoil. Irrespective of designation, protozoa have never been considered a natural assemblage of organisms but rather one of convenience. The name protozoa has been retained here for historical reasons. The phylum Myxozoa has also been retained for historical reasons despite recent evidence that they are multicellular spore-forming 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).

TABLE 1: Taxonomic overview and codes used throughout the text for protozoan organisms.

KINGDOM	PHYLUM	CLASS	ORDER	CODE	
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	
		Schizopyrenida		HET:sch	
		Apicomplexa	Gregarinia	Neogregarinida	GRE:neo
Eugregarinida	GRE:eug				
Cryptogregarina	GRE:cry				
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	Heterotrichida	SPI:het		
		Clevelandellida	SPI:cle		
		Litostomatea	Pleurostomatida	LIT:ple	
	Vestibulifera		LIT:ves		
	Entodiniomorphida		LIT:ent		
	Phyllopharyngea		Cyrtophorida	PHY:cyr	
		Rhynchodida	PHY:rhy		
		Endogenida	PHY:end		
		Exogenida	PHY:exo		
	Colpodea	Oligohymenophorea	Colpodida	COL:col	
			Hymenostomatida	OLI:hym	
			Scuticociliatida	OLI:scu	
			Sessilida	OLI:ses	
			Mobilida	OLI:mob	
			Apostomatida	OLI:apo	
Astomatida			OLI:ast		
Uncertain status					UNC:sta

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 (Table 2) 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 (bibliographies of free-living protozoa in Australia have recently been compiled by the Australian Biological Resources Study (ABRS) in Canberra). Most records pertain to free-ranging wild animals but where they do not, they have been annotated appropriately (e.g. zoo animal, experimental infection, etc.). The site of infection within or on the host is recorded to indicate possible tissue or organ specificity as well as to suggest the potential pathogenic outcome or consequences of infection.

TABLE 2: Taxonomic overview and codes used throughout the text for host organisms.

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	
	Cnidaria		CNI	
	Platyhelminthes		PLA	
	Nematoda		NEM	

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 (Anon, 1976) whereas marine regions (13-30) conform to natural oceanographic divisions (Fig. 1).

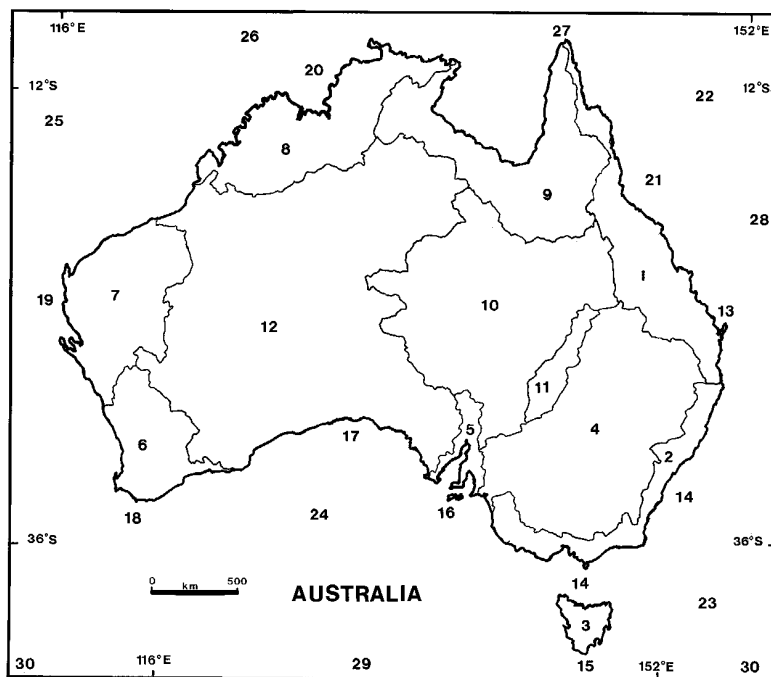


FIG.1. Regions of Australia given for each entry in checklist:

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, Timoresean 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.

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.

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.*, 2000). All hosts recorded for individual parasites are listed alphabetically according to species and common names are provided as appropriate.

Bibliography:

All publications are listed by author (not necessarily alphabetical) and numbered in ascending order; the number corresponding to that given in brackets at the end of each record. Abbreviations of journal titles in the Appendix follows the World List of Scientific Periodicals.

Abbreviations.

CELISA	coproantigen ELISA
CFT	complement fixation test
CSFA	complement-staining fluorescent-antibody test
DT	dye test
DAT	direct agglutination test
ELISA	enzyme-linked immunosorbent assay
HAT	haemagglutination test
IFAT	indirect fluorescent-antibody test
IHAT	indirect haemagglutination test
IMS	immuno-magnetic separation
LAT	latex agglutination test
MAT	modified agglutination test
NR	not recorded
PCR	polymerase chain reaction
RIA	radio immuno-assay
RU	region unspecified

Literature cited

- Anon. 1976. Review of Australia’s water resources. Australian Water Resources Council, Department of Natural Resources (Australian Government Publishing Service: Canberra).
- Cogger, H.G. 1996. Reptiles and amphibians of Australia. (Reed: Port Melbourne)

- Lee J.J., Leedale, G.F. & Bradbury, P. 2000. An Illustrated Guide to the Protozoa. Second Edition. Society of Protozoologists (Allen Press: Lawrence).
- Levine, N.D., Corliss, J.O., Cox, F.E.G., Deroux, G., Grain, J., Honigberg, B.M., Leedale, G.F., Loeblich, A.R., Lom, J., Lynn, D., Merinfeld, E.G., Page, F.C., Poljansky, G., Sprague, V., Vavra, J. & Wallace, F.G. 1980. A newly revised classification of the protozoa. *Journal of Protozoology* 27:37-58.
- Nelson, J.S. 1994. *Fishes of the World*. 3rd edition (John Wiley & Sons: New York).
- O'Donoghue, P.J. & Adlard, R.D. 2000. Catalogue of protozoan parasites recorded in Australia. *Memoirs of the Queensland Museum* 45: 1-163.
- Sibley, C. & Monroe, B.Jr. 1990. *Distribution and Taxonomy of Birds of the World*. (Yale University Press: New Haven).
- Sibley, C. & Monroe, B.Jr. 1993. *A Supplement to Distribution and Taxonomy of Birds of the World*. (Yale University Press: New Haven).
- Strahan, R. 1983. *Complete Book of Australian Mammals*. The Australian Museum (Angus & Robertson: Sydney).

HOST-PARASITE CHECKLIST

Class: MAMMALIA [mammals]
 Subclass: EUTHERIA [placental mammals]
 Order: PRIMATES [prosimians, monkeys, apes]
 Suborder: HAPLORHINI syn. SIMIAE [Old World monkeys (baboons, colobus monkeys, langurs), New World monkeys (marmosets, spider monkeys), lesser apes (gibbons), great apes (orangutan, gorillas, chimpanzees, homonids)]

Family: HOMINIDAE [man]

Homo sapiens Linnaeus, 1758 [man]

LOB:aca *Acanthamoeba lenticulata* Molet & Ermolieff-Braun, 1976; eye; RU (1416)
 LOB:aca *Acanthamoeba* sp.; eye, brain; RU, R5, R6 (44, 183, 532, 1028, 1416, 1424)
 LOB:amo *Amoeba* sp.; gut; RU (692, 876)
 HEM:pir *Babesia microti* (Franca, 1910); blood (PCR), antibodies (IFAT); R2 (1901, 1904, 1914)
 HEM:pir *Babesia duncani* Conrad *et al.*, 2006; blood (PCR), antibodies (IFAT); R2 (1904, 1914)
 LOB:lep *Balamuthia mandrillaris* Visvesvara *et al.*, 1993; brain, RU (1637)
 LIT:ves *Balantidium coli* (Malmstein, 1857); colon, urogenital tract; RU, R6 (692, 873, 1102, 1215)
 UNC:sta *Blastocystis hominis* Brumpt, 1912; faeces; R1, R2, R8 (80, 117, 118, 119, 185, 319, 470, 552, 742, 1095, 1096, 1097, 1098, 1186, 1217, 1457, 1770, 1812, 1898, 1899)
 UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1814, 1820)
 ZOO:ret *Chilomastix mesnili* (Wenyon, 1910); faeces, gut; RU, R1, R2, R8 (65, 692, 728, 763, 1770, 1897, 1899)
 COL:col *Colpoda steinii* Maupas, 1883; eye; R5 (1795)
 GRE:cry *Cryptosporidium hominis* Morgan-Ryan *et al.*, 2002; faeces (+ PCR); RU, R2, R5, R6 (1359, 1473, 1727, 1752, 1753, 1754, 1756, 1766, 1772, 1784, 1785, 1836, 1840, 1855, 1859, 1860, 1874, 1876)
 GRE:cry *Cryptosporidium meleagridis* Slavin, 1955; faeces (+ PCR); RU, R2, R6 (1754, 1784, 1840)
 GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (+ PCR), antibodies; RU, R2, R5, R6, R8 (184, 765, 796, 797, 798, 799, 1239, 1359, 1409, 1419, 1473, 1492, 1511, 1559, 1562, 1563, 1629, 1651, 1732, 1752, 1753, 1754, 1756, 1766, 1768, 1772, 1778, 1784, 1785, 1809, 1834, 1836, 1840, 1846, 1854, 1856, 1858, 1859, 1874, 1876)
 GRE:cry *Cryptosporidium* sp.; faeces, intestines (+ PCR), bile, antibodies (ELISA); RU, R1, R2, R3, R5, R6, R8, R10 (37, 80, 167, 239, 349, 358, 426, 466, 470, 675, 677, 678, 740, 889, 935, 1102, 1175, 1177, 1178, 1179, 1180, 1183, 1225, 1387, 1404, 1410, 1411, 1442, 1457, 1557, 1558, 1627, 1694, 1728, 1760, 1761, 1762, 1767, 1770, 1812, 1831, 1835, 1845, 1849, 1898, 1899)
 COC:eim *Cyclospora cayetanensis* Ortega *et al.*, 1994; faeces, intestines; R2 (tourist to Bali) (1409, 1601)
 COC:eim *Cyclospora* sp. (= CLB's, cyanobacteria-like or coccidia-like bodies); faeces; R1, R2, R5 (141, 742, 913)
 LOB:amo *Dientamoeba fragilis* Jepps & Dobell, 1918; gut, faeces (+ PCR); RU, R1, R2 (65, 130, 692, 1217, 1656, 1770, 1893, 1894, 1895, 1896, 1897, 1898, 1899)
 MIC:mic *Encephalitozoon cuniculi* Levaditi *et al.*, 1923; antibodies (IFAT); RU (1246)
 MIC:mic *Encephalitozoon intestinalis* (Cali *et al.*, 1993); intestines; RU (615, 1409)
 MIC:mic *Encephalitozoon* sp.; intestines; R2 (1410)
 LOB:amo *Endolimax nana* (Wenyon & O'Connor, 1917); colon, faeces; RU, R1, R2, R3 (65, 405, 692,

- 1217, 1770, 1898, 1899)
- LOB:amo *Entamoeba coli* (Grassi, 1879); gut, faeces; RU, R1, R2, R3, R6, R8 (65, 405, 567, 570, 692, 741, 763, 1217, 1244, 1520, 1625, 1770, 1839, 1898, 1899)
- LOB:amo *Entamoeba gingivalis* (Gros, 1849); mouth; RU (562, 567, 573, 692)
- LOB:amo *Entamoeba dispar* Brumpt, 1925; faeces (+ PCR); R1, R2 (1418, 1899)
- LOB:amo *Entamoeba hartmanni* Prowazek, 1912; faeces; R1, R2, R8 (763, 1217, 1770, 1899)
- LOB:amo *Entamoeba histolytica* Schaudinn, 1903; gut, liver, faeces (+ PCR); RU, R1, R2, R3, R6, R8, R9 (65, 80, 132, 194, 240, 359, 405, 518, 562, 567, 570, 573, 581, 692, 1139, 1209, 1217, 1244, 1354, 1404, 1418, 1437, 1519, 1520, 1619, 1703, 1770, 1835, 1899)
- LOB:amo *Entamoeba moshkovskii* Tshalaia, 1941; faeces (+ PCR); R1, R2 (1418, 1899)
- MIC:mic *Enterocytozoon bieneusi* Desportes *et al.*, 1985; faeces, intestinal biopsy; R5 (679, 1409, 1410, 1411)
- ZOO:dip *Enteromonas hominis* da Fonesca, 1915; faeces; R1, R2 (1770, 1898, 1899)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; syn. *G. lamblia* Stiles, 1915; syn. *G. intestinalis* (Lambl, 1859); gut, faeces (+ PCR), coproantigens (CELISA), culture; 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, 1303, 1406, 1407, 1410, 1411, 1425, 1434, 1438, 1457, 1525, 1542, 1551, 1556, 1619, 1624, 1625, 1678, 1679, 1680, 1681, 1683, 1690, 1727, 1730, 1731, 1734, 1735, 1738, 1739, 1741, 1770, 1778, 1786, 1793, 1809, 1812, 1815, 1835, 1839, 1844, 1887, 1893, 1899)
- LOB:amo *Iodamoeba butschlii* (Prowazek, 1911); gut, faeces; RU, R1, R2, R3 (65, 283, 405, 692, 728, 1217, 1244, 1770, 1899)
- COC:eim *Cystoisospora belli* Wenyon, 1923 [= *Isospora belli*]; faeces (+ PCR); R1, R2, R5, R6, R8 (142, 763, 1329, 1404, 1409, 1411, 1528, 1612, 1737)
- ZOO:kin *Leishmania braziliensis* (Vianna, 1911); skin (+ PCR); R2, R8 (tourists, South America, Central America) (1532, 1813)
- ZOO:kin *Leishmania donovani* (Laveran & Mesnil, 1903); skin; RU (439, 692, 1003)
- ZOO:kin *Leishmania infantum* Nicolle, 1908; skin (culture + PCR); R2 (immigrant) (1816)
- MYX:biv *Myxobolus plectroplites* Johnston & Bancroft, 1918; faeces (incidental finding); R1 (120)
- HET:sch *Naegleria fowleri* Carter, 1970; brain, cerebrospinal fluid; R1, R5, R6 (1, 9, 180, 181, 182, 351, 354, 356, 381, 425, 524, 532, 1637, 1638)
- MIC:mic *Nosema* sp.; faeces (incidental finding); R1 (741)
- HEM:hae *Plasmodium falciparum* Welch, 1897; blood (+ culture); 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, 1285, 1291, 1297, 1314, 1335, 1373, 1375, 1485, 1506, 1537, 1610, 1667, 1676, 1757, 1758, 1774, 1787, 1788, 1810)
- 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, 1375)
- HEM:hae *Plasmodium ovale* Stephens, 1922; blood; R8 (90, 91, 370)
- 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, 1314, 1323, 1375, 1481, 1506, 1537, 1667)
- HEM:hae *Plasmodium* sp.; blood; RU, R1, R8, R9 (193, 322, 692, 729, 1235)
- UNC:sta *Pneumocystis carinii* Delanoe, 1912; lung; RU, R1, R2 (692, 992, 1102, 1179, 1387, 1426, 1523)

- ZOO:ret *Retortamonas intestinalis* (Wenyon & O'Connor, 1917); faeces; R3 (405)
 ZOO:ret *Retortamonas hominis* [binomen unknown; probably *Retortamonas intestinalis*]; faeces; R2 (1770)
 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)
 MIC:mic *Septata intestinalis* Cali *et al.*, 1993; intestines, nasal epithelium; R2 (1356, 1411)
 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, 1387, 1483, 1488, 1649, 1675)
 ZOO:tri *Trichomonas (Pentatrichomonas) hominis* (Davaine, 1860); faeces, gut; RU, R2, R8 (65, 692, 763, 1770)
 ZOO:tri *Trichomonas vaginalis* Donne, 1837; urogenital tract (+ PCR)(+ culture); RU, R1, R2, R8, R10, R12, R20 (132, 662, 692, 922, 1204, 1211, 1212, 1318, 1401, 1422, 1510, 1568, 1600, 1669, 1690, 1691)
 ZOO:kin *Trypanosoma brucei rhodesiense* (Stephens & Fantham, 1910); blood; R1 (visited Africa) (1531)

Family: HYLOBATIDAE [gibbons]

Hylobates moloch (Audebert, 1798) [silvery gibbon]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1820)

Hylobates syndactylus Raffles, 1821 [siamang]

ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; faeces; R5 (1730)

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

Nomascus leucogenys (Ogilby, 1840) [white-cheeked gibbon] syn. *Hylobates leucogenys*

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814, 1820)

Family: PONGIDAE [orang utan]

Pongo pygmaeus Linnaeus, 1760 [orang utan]

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

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814, 1820)

Family: CERCOPITHECIDAE [Old World monkeys]

Cercopithecus aethiops (Linnaeus, 1758) [green monkey]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814)

Colobus guereza Ruppell, 1835 [colobus]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814)

Macaca nigra (Desmarest, 1822) [crested macaque]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814, 1820)

Macaca tonkeana (Meyer, 1899) [Tonkean macaque]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1820)

Papio hamadryas (Linnaeus, 1758) [Hamadryas baboon]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814, 1820)

Family: CEBIDAE [New World monkeys]

Ateles geoffroyi Kuhl, 1820 [spider monkey]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814)

***Callithrix* sp.** [marmoset]

ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; gut; R5 (1730)

Suborder: STREPSIRHINI [prosimians (lemurs, galagos, pottos, lorises, tarsiers)]

Family: LEMURIDAE [lemurs]

Lemur catta Linnaeus, 1758 [ring-tailed lemur]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814, 1820)

Varecia variegatus (Kerr, 1792) [black and white ruffed lemur]

UNC:sta *Blastocystis* sp.; faeces (PCR); R6 (zoo animal) (1814, 1820)

Order: CARNIVORA [carnivores]

Family: CANIDAE [dog, fox]

Canis familiaris Linnaeus, 1758 [dog]

HEM:pir *Babesia canis* (Piana & Galli-Valerio, 1895); blood; R1, R8, R10 (167, 476, 477, 517, 605, 674, 1060, 1258, 1377, 1378, 1379)

HEM:pir *Babesia canis vogeli* Reichenow, 1937; blood (+ PCR); RU, R8 (1480, 1827, 1867, 1900)

HEM:pir *Babesia gibsoni* Patton, 1910; blood (+ PCR), antibodies (IFAT), (+ exptl.); RU, R2, R6 (1417, 1480, 1569, 1827, 1828, 1900)

HEM:pir *Babesia* sp.; blood; R1 (1655)

UNC:sta *Blastocystis* sp.; faeces (PCR); R1, R12 (1399, 1814)

GRE:cry *Cryptosporidium canis* Fayer *et al.*, 2001; faeces (+PCR); RU (1858)

GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (+PCR); RU (1563)

GRE:cry *Cryptosporidium* sp.; faeces (+ IMS)(+PCR); R1, R2, R3, R6 (184, 593, 780, 1386, 1566, 1764)

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

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

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ IMS), coproantigens (ELISA), duodenum; R2, R3, R4, 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, 1398, 1551, 1556, 1633, 1679, 1730, 1731, 1735, 1738, 1739, 1741, 1764, 1778)

ZOO:dip *Giardia* sp.; faeces; R6 (1332)

COC:eim *Hammondia heydorni* (Tadros & Laarman, 1976); faeces, intestines; R4, R6 (1040, 1332, 1398)

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

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

COC:eim *Cystoisospora canis* Nemeseri, 1959 [= *Isospora canis*]; faeces; R2, R5, R6 (95, 167, 1040, 1332)

COC:eim *Cystoisospora felis* Wenyon, 1923 [= *Isospora felis*]; faeces; R2 (67, 373, 692, 1060)

- COC:eim *Cystoisospora ohioensis* Dubey, 1975 [= *Isospora ohioensis*]; faeces (+ PCR); R2, R5, R6 (67, 95, 167, 692, 1040, 1060, 1332, 1737)
- COC:eim *Cystoisospora* sp. [= *Isospora* sp.]; faeces; R2, R8 (220, 373, 593, 763, 1148)
- COC:eim *Neospora caninum* Dubey *et al.*, 1988; central nervous system, skin (+ PCR), antibodies (IFAT); RU, R2, R3, R6 (49, 314, 316, 389, 856, 1620, 1692, 1763, 1833)
- COC:eim *Sarcocystis betrami* Doflein, 1901; faeces; RU (29, 167)
- COC:eim *Sarcocystis capracanis* Fischer, 1979; faeces; RU (167)
- COC:eim *Sarcocystis cruzi* (Hasselmann, 1923); faeces; RU, R6 (167, 1041, 1043, 1044, 1047)
- COC:eim *Sarcocystis fayeri* Dubey *et al.*, 1977; faeces; RU (29, 167)
- COC:eim *Sarcocystis levinei* Dissanaïke & 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, R4, R6, R8 (95, 167, 220, 312, 371, 373, 375, 593, 692, 763, 815, 819, 823, 1040, 1148, 1332, 1398)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues (brain, heart, kidney, lung, liver, adrenal gland), antibodies (CFT, HAT); RU, R1, R2, R4 (167, 224, 310, 459, 692, 1059, 1060, 1222, 1238, 1247, 1398)
- ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood (exptl. infection); RU (1059, 1060)
- COC:eim Unidentified coccidian; faeces; RU (692, 1059)

Canis familiaris dingo Linnaeus, 1758 (= *Canis lupus dingo*)[dingo]

- HEM:pir *Babesia canis* (Piana & Galli-Valerio, 1895); blood; R6 (167)
- HEM:pir *Babesia canis vogeli* Reichenow, 1937; blood; RU (1837)
- GRE:cry *Cryptosporidium* sp.; NR; RU (1790)
- COC:eim *Eimeria canis* Wenyon, 1923; faeces, R2 (67, 167, 692, 1060)
- ZOO:dip *Giardia* sp.; faeces; RU (1837)
- COC:eim *Cystoisospora ohioensis* Dubey, 1975 [= *Isospora ohioensis*]; faeces; R2 (67, 692, 1060)
- COC:eim *Cystoisospora* sp. [= *Isospora* sp.]; faeces; RU (1837)
- COC:eim *Neospora caninum* Dubey *et al.*, 1988; faeces (+PCR); R2 (1801, 1837)
- 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, 1790)

Vulpes vulpes (Linnaeus, 1758) [fox]

- ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (IMS)(PCR); R6 (1729, 1764, 1837)
- COC:eim *Sarcocystis cruzi* (Hasselmann, 1923); faeces; RU (167)
- COC:eim *Sarcocystis tenella* (Railliet, 1886); faeces; R5 (167, 378, 854)
- COC:eim *Sarcocystis* sp.; faeces; R5 (375)

Family: FELIDAE [cats]

Felis catus Linnaeus, 1758 [cat]

- COC:eim *Besnoitia wallacei* (Tadros & Laarman, 1976); faeces; R3, R26 (167, 733, 952, 1085, 1747, 1790)
- UNC:sta *Blastocystis* sp.; faeces; R1 (119, 1399)
- GRE:cry *Cryptosporidium felis* Iseki, 1979; faeces (+ PCR); R6 (1558, 1559, 1752, 1850, 1852, 1856)
- GRE:cry *Cryptosporidium muris* Tyzzer, 1907; faeces; RU (1085)
- GRE:cry *Cryptosporidium* sp.; faeces (+ PCR)(+ IMS); R5, R6, R26 (1036, 1541, 1558, 1747, 1764, 1834, 1837, 1847, 1863)
- COC:eim *Eimeria* sp.; faeces; R3 (781)

- ZOO:dip *Giardia doudevalis* (Davaine, 1875); faeces (+ IMS), duodenum (+ PCR) (+ CELISA), R1, R2, R3, R5, 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, 1540, 1541, 1551, 1633, 1684, 1730, 1731, 1735, 1739, 1741, 1748, 1764, 1837, 1863)
- COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; faeces; RU (167, 731, 1085, 1790)
- COC:eim *Cystoisospora felis* Wenyon, 1923 [= *Isospora felis*]; faeces (+ PCR); R1, R2, R3, R4, R5, R6, R8, R10, R12, R26 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148, 1241, 1541, 1580, 1710, 1737, 1747, 1837, 1863)
- COC:eim *Cystoisospora rivolta* (Grassi, 1879) [= *Isospora rivolta*]; faeces (+ PCR); R1, R2, R3, R4, R5, R6, R8, R10, R12, R26 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148, 1541, 1580, 1710, 1737, 1747, 1837, 1863)
- COC:eim *Cystoisospora* sp. [= *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, R5, R26 (220, 312, 373, 375, 424, 828, 840, 1747, 1837, 1863)
- COC:eim *Sarcocystis/Frenkelia* sp.?.; faeces; RU (830)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); faeces, various tissues (+ PCR), antibodies (LAT, MAT, HAT, DAT, IHAT, IFAT, ELISA), R1, R2, R3, R4, R5, R6, R8, R26 (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, 1294, 1665, 1675, 1710, 1747, 1797, 1837, 1882)
- ZOO:tri *Tritrichomonas foetus* (Riedmuller, 1928); faeces (culture); R6 (1748)

Panthera leo Linnaeus, 1758 [lion]

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

Family: Viverridae [civets and relatives]

Suricata suricatta (Schreber, 1776) [meerkat]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain (PCR), R6 (1797)

Order: PROBOSCIDEA [elephants]

Family: ELEPHANTIDAE

Elephas maximus Linnaeus, 1758 [Asian elephant]

UNC:sta *Blastocystis* sp.; faeces (+ PCR), zoo animal; R2, R6 (1820)

Order: PINNIPEDIA [seals & sea-lions]

Family: OTARIIDAE [sea-lions, fur-seals]

Neophoca cinerea (Peron, 1816) [Australian sea-lion]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); heart; RU (348, 1790)

Order: CETACEA [whales, dolphins & porpoises]

Family: DELPHINIDAE [dolphins, killer whales]

Delphinus (unidentified species)

COC:eim *Sarcocystis* sp.; muscle; RU (830, 1790)

Sousa chinensis (Osbeck, 1765) [Indo-Pacific hump-backed dolphin]

COC:eim *Toxoplasma gondii*; brain, lungs, heart, liver, spleen, adrenal gland (+ immunohistochemistry); R21 (1317, 1790)

Stenella longirostris (Gray, 1828) [long-snouted spinner dolphin]

COC:eim *Eimeria* sp.; intestines; RU (1790)

Family: PHYSETERIDAE [sperm whales]

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

COC:eim *Sarcocystis* sp.; muscle; RU (754, 830, 917, 1790)

Order: SIRENIA [dugong]

Family: DUGONGIDAE [dugong]

Dugong dugon (Müller, 1776) [dugong]

GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; small intestine (PCR); R21 (1564)

GRE:cry *Cryptosporidium* sp.; small intestine; R21 (478, 1790)

COC:eim *Toxoplasma* sp.; NR; RU (1790)

Order: PERISSODACTYLA [odd-toed hoofed mammals]

Family: EQUIDAE [horse, donkey]

Equus caballus Linnaeus, 1758 [horse]

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)

GRE:cry *Cryptosporidium* sp.; faeces (+ IMS); RU, R2 (167, 349, 1177, 1764)

COC:eim *Eimeria leuckarti* (Flesch, 1883); faeces, intestines; RU, R1, R3 (29, 51, 167, 730, 991)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR)(+ IMS); R2, R5, R6 (341, 616, 724, 1740, 1764)

COC:ade *Klossiella equi* Baumann, 1946; kidney; R1 (29, 167, 644)

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

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

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); muscle (+ PCR), antibodies (CFT); R1, R6 (167, 224, 310, 1797)

ZOO:tri *Trichomonas equi* (Fantham, 1921); caecum, colon; RU (29, 167)

ZOO:tri *Trichomonas* sp.; faeces; R2 (724)

ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood (exptl. infection); R6 (567, 1059, 1060)

Order: ARTIODACTYLA [even-toed hoofed mammals]

Suborder: SUIFORMES [pig]

Family: SUIDAE [pigs]

Sus scrofa Linnaeus, 1758 [pig]

- LIT:ves *Balantidium coli* (Malmstein, 1857); gut; RU, R1, R2, R3, R6 (167, 653, 692, 1059, 1060, 1102, 1837, 1864)
- UNC:sta *Blastocystis* sp.; faeces; R1 (185)
- ZOO:ret *Chilomastix mesnili* (Wenyon, 1910); faeces; R6 (1864)
- GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (+PCR); RU (1850, 1852)
- GRE:cry *Cryptosporidium suis* Ryan *et al.*, 2004; faeces (+ PCR); R2, R6 (1736, 1752, 1765, 1824)
- GRE:cry *Cryptosporidium* sp.; small intestine, faeces (+ PCR)(+ IMS); RU, R2, R5, R6 (167, 349, 668, 889, 1173, 1177, 1178, 1557, 1558, 1563, 1635, 1729, 1764, 1824, 1837, 1846, 1856, 1864)
- 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 *Eimeria* sp.; faeces; R6 (1635, 1864)
- LOB:amo *Entamoeba polecki* Prowazek, 1912; gut; RU (692)
- LOB:amo *Entamoeba* sp.; faeces; R6 (1837, 1864)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ IMS); R5 (341, 1551, 1730, 1764, 1837)
- ZOO:dip *Giardia* sp.; faeces (+ PCR); R6 (1635, 1842, 1864)
- COC:eim *Cystoisospora suis* Biester, 1934 [= *Isospora suis*]; faeces (+ PCR); R1, R2, R3, R5, R6 (167, 304, 305, 1635, 1737, 1823)
- COC:eim *Cystoisospora* sp.; faeces [= *Isospora* sp.]; R6 (1823)
- 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 (DT, IFAT); R3, R5 (167, 307, 310, 550, 817, 1019, 1085, 1649, 1837)
- COC:eim Unidentified coccidian; gut; RU (692, 1059, 1060)
- ZOO:tri *Trichomonas suis* Gruby & Delafond, 1843; gut; RU (167)
- ZOO:tri *Trichomonas* sp.; gut; RU (692, 1059)

Suborder: TYLOPODA [one-humped camel]

Family: CAMELIDAE [camel]

Camelus dromedarius Linnaeus, 1758 [dromedary]

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

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

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

Lama pacos Linnaeus, 1758 [alpaca]

- UNC:sta *Blastocystis* sp.; faeces; R1 (119)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; R5 (341, 1730)

Suborder: RUMINANTIA [ruminants]

Family: CERVIDAE [deer]

Cervus elaphus Linnaeus, 1758 [red deer]

LIT:ent *Diplodinium dentatum* Stein, 1858; stomach; R6 (1381)
 LIT:ent *Diplodinium rangiferi* Dogiel, 1925; stomach; R6 (1381)
 LIT:ent *Elytroplastron bubali* Dogiel, 1928; stomach; R6 (1381)
 LIT:ent *Entodinium acutonucleatum* Kofoid & MacLennan, 1930; stomach; R6 (1381)
 LIT:ent *Entodinium caudatum* Stein, 1859; stomach; R6 (1381)
 LIT:ent *Entodinium dubardi* Buisson, 1923; stomach; R6 (1381)
 LIT:ent *Entodinium exiguum* Dogiel, 1925; stomach; R6 (1381)
 LIT:ent *Entodinium longinucleatum* Dogiel, 1925; stomach; R6 (1381)
 LIT:ent *Entodinium rectangulatum* Kofoid & MacLennan, 1930; stomach; R6 (1381)
 LIT:ent *Entodinium simulans* Lubinsky, 1957; stomach; R6 (1381)
 LIT:ent *Epidinium bicaudatum* Sharp, 1914; stomach; R6 (1381)
 LIT:ent *Epidinium caudatum* Fiorentini, 1889; stomach; R6 (1381)
 LIT:ent *Epidinium ecaudatum* Fiorentini, 1889; stomach; R6 (1381)
 LIT:ent *Epidinium parvacaudatum* Awerinzew & Mutafova, 1914; stomach; R6 (1381)
 LIT:ent *Epidinium quadricaudatum* Sharp, 1914; stomach; R6 (1381)
 LIT:ent *Epidinium tricaudatum* Sharp, 1914; stomach; R6 (1381)
 LIT:ent *Eudiplodinium maggii* Fiorentini, 1889; stomach; R6 (1381)
 LIT:ves *Isotricha intestinalis* Stein, 1859; stomach; R6 (1381)
 LIT:ves *Isotricha prostoma* Stein, 1859; stomach; R6 (1381)
 LIT:ent *Metadinium banksi* Dehority, 1985; stomach; R6 (1381)

Cervus unicolor Kerr, 1792 [sambar]

GRE:cry *Cryptosporidium* sp.; faeces (+ PCR); R2 (1771)

Odocoileus virginianus (Zimmermann, 1780) [white-tailed deer]

GRE:cry *Cryptosporidium* sp.; faeces (IMS); R2 (1764)

Family: BOVIDAE [cattle, sheep, goat]

***Bos taurus* (var. *indicus*)** Linnaeus, 1766 [zebu]

HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood; R1 (268, 1311)

HEM:pir *Babesia bovis* (Babes, 1888) Starcovici, 1893; blood, antibodies (IHAT); R1 (268, 721)

Bos taurus Linnaeus, 1758 [ox]

HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood, antibodies (CFT, HAT, IFAT); RU, R1, R8, R9 (39, 99, 145, 146, 148, 149, 151, 156, 157, 164, 167, 204, 243, 244, 245, 251, 252, 254, 259, 263, 264, 265, 268, 298, 299, 364, 406, 407, 442, 496, 497, 499, 500, 512, 587, 591, 592, 598, 599, 600, 605, 646, 647, 648, 649, 652, 674, 692, 693, 699, 700, 701, 702, 703, 704, 708, 711, 712, 716, 756, 787, 955, 963, 964, 998, 999, 1015, 1031, 1058, 1059, 1060, 1090, 1158, 1213, 1259, 1265, 1308, 1310, 1311, 1336, 1378, 1379, 1487, 1653, 1698)

HEM:pir *Babesia bovis* (Babes, 1888) Starcovici, 1893; blood, antibodies (CFT, IFAT, IHAT, HAT, ELISA, RIA), DNA (PCR); 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, 1308, 1309, 1310, 1312, 1336, 1376, 1377, 1378, 1379, 1408, 1522, 1550, 1653, 1682, 1698)
- HEM:pir *Babesia* sp.; blood; R1, R8, R9 (395, 396, 513, 514, 515, 587, 650, 805, 966, 1058)
- UNC:sta *Blastocystis* sp.; faeces, circus animal; R1 (119, 1099)
- GRE:cry *Cryptosporidium andersoni* Lindsay *et al.*, 2000; faeces (+ PCR); RU (1856, 1857)
- GRE:cry *Cryptosporidium bovis* Barker & Carbonell, 1974; small intestines, faeces (+ PCR); R2, R6 (53, 167, 1729, 1752, 1772)
- GRE:cry *Cryptosporidium muris* Tyzzer, 1907; faeces (+ PCR); RU (1852)
- GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (culture) (+ PCR); R2, R5, R6 (765, 796, 797, 798, 799, 1239, 1295, 1458, 1473, 1492, 1555, 1559, 1562, 1629, 1685, 1729, 1750, 1756, 1765, 1768, 1772, 1785, 1825, 1846, 1852, 1854, 1858, 1875)
- GRE:cry *Cryptosporidium* sp.; faeces (+ IMS), small intestines (+ PCR); RU, R2, R5 (529, 889, 1173, 1176, 1177, 1178, 1557, 1558, 1764, 1789, 1845)
- LIT:ves *Dasytricha* sp.; stomach; R1 (1509)
- LIT:ent *Diplodinium* sp.; stomach; R1 (1509)
- 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, 1591)
- COC:eim *Eimeria bukidnonensis* Tubangui, 1931; faeces; R1, R5 (167, 933, 934, 937)
- COC:eim *Eimeria canadensis* Bruce, 1921; faeces; R1, R5 (167, 595, 934, 937)
- COC:eim *Eimeria cylindrica* Wilson, 1931; faeces; R1, R5 (167, 749, 934, 937)
- COC:eim *Eimeria ellipsoidalis* Becker & Frye, 1929; faeces; R1, R5 (167, 749, 934, 936, 937, 1591)
- COC:eim *Eimeria pellita* Supperer, 1952; faeces; R5 (167)
- COC:eim *Eimeria subspherica* Christensen, 1941; faeces; R1, R5 (167, 934, 936, 937)
- COC:eim *Eimeria wyomingensis* Huizinga & Winger, 1942; faeces; R1 (167, 933, 934, 937)
- COC:eim *Eimeria zuernii* (Rivolta, 1878); faeces; R1, R2, R5 (167, 749, 933, 934, 936, 937, 1060, 1591)
- COC:eim *Eimeria* sp.; gut; RU (213, 692)
- LIT:ent *Elytroplastron* sp.; stomach; R1 (1509)
- LIT:ent *Entodinium* sp. [= *Entodinia*]; rumen; R1 (1509, 1802)
- LIT:ent *Epidinium* sp.; rumen; R1 (1509, 1802)
- LIT:ent *Eudiplodinium* sp.; stomach; R1 (1509)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR)(+ IMS); R1, R2, R5, R6 (341, 735, 1199, 1295, 1583, 1679, 1729, 1730, 1735, 1738, 1739, 1741, 1764)
- LIT:ves *Isotricha prostoma* Stein, 1858; stomach; R6 (1715)
- LIT:ves *Isotricha* sp.; stomach; R1 (1509)
- LIT:ent *Metadinium* sp.; stomach; R1 (1509)
- COC:eim *Neospora caninum* Dubey *et al.*, 1988; central nervous system, foetal tissues (+ PCR)(+ culture), antibodies (IFAT, ELISA, Western blot); R1, R2, R3 (121, 313, 316, 912, 1288, 1289, 1513, 1614, 1620, 1663, 1692, 1702, 1763, 1832)
- LIT:ent *Ostracodinium* sp.; stomach; R1 (1509)
- COC:eim *Sarcocystis blanchardi* Doflein, 1901; muscle; RU (570, 692, 1059, 1548)
- 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 *Theileria buffeli* Neveu-Lemaire, 1912 [syn. *T. orientalis*]; blood (+ exptl.) (+ ELISA, IFAT); R1 (1420, 1489, 1661, 1662)
- HEM:pir *Theileria mutans* (Theiler, 1906) Franca, 1909; 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)
- HEM:pir *Theileria orientalis* Yakimoff & Soudatschenkoff, 1931; blood (exptl. infection)(+ ELISA) ; R1 (1489)
- HEM:pir *Theileria sergenti* Yakimoff & Dekhtereff, 1930; blood (exptl. infection) (+ ELISA); R1 (1489)
- 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)
- ZOO:tri *Trichomonas* sp.; preputial cavity (culture); R8 (1539)
- ZOO:kin *Trypanosoma theileri* Laveran, 1902; blood; RU, R1, R2 (167, 692, 693, 1059, 1060, 1168, 1169, 1170, 1171, 1220)

Bubalus bubalis (Linnaeus, 1758) [water buffalo]

- HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood; RU (162, 1151)
- HEM:pir *Babesia bovis* (Babes, 1888) Starcovici, 1893; blood; RU (162, 1151)
- COC:eim *Sarcocystis fusiformis* (Railliet, 1897); muscles; RU (167)
- COC:eim *Sarcocystis levinei* Dissanaïke & Kan, 1978; muscles; RU (167)
- HEM:pir *Theileria mutans* (Theiler, 1906) Franca, 1909; blood; RU (162, 167, 1151)

Capra hircus Linnaeus, 1758 [goat]

- GRE:cry *Cryptosporidium* sp.; faeces, small intestines (+ PCR); R5, R6 (167, 349, 554, 676, 677, 678, 734, 1174, 1239, 1558, 1846)
- COC:eim *Eimeria alijevi* Musaev, 1970; faeces; R1, R2, R5 (608, 881)
- COC:eim *Eimeria apsheronica* Musaev, 1970; faeces; R1, R2, R5 (608, 881)
- COC:eim *Eimeria arloingi* (Marotel, 1905); faeces; R1, R2, R5 (167, 608, 881)
- COC:eim *Eimeria caprina* Lima, 1979; faeces; R5 (881)
- COC:eim *Eimeria caprovina* Lima, 1980; faeces; R5 (881)
- COC:eim *Eimeria christensenii* 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 jolchijevi* Musaev, 1970; faeces; R1, R2, R5 (608, 881)
- COC:eim *Eimeria ninakohlyakimovae* Yakimoff & Rastegaieff, 1930; faeces; R1, R2, R5 (167, 608, 881)
- COC:eim *Eimeria pallida* Christensen, 1938; faeces; R1, R2 (167, 608)
- COC:eim *Eimeria parva* Kotlan *et al.*, 1929; faeces; RU (167)
- COC:eim *Eimeria* sp.; faeces, duodenum; RU, R6 (493, 1533, 1837)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1741)
- COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; NR (exptl. infection); R3 (853)
- COC:eim *Sarcocystis capracanis* Fischer, 1979; muscles; R5 (167, 379, 886)
- COC:eim *Sarcocystis* sp.; muscles, adrenals, kidney, lung, brain, antibodies (CFT); R1, R5, R10 (469, 1530)

- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues (+ PCR), antibodies (IFAT, IHAT); RU, R2, R3, R6 (167, 747, 831, 853, 875, 910, 1102, 1797)
- Ovis aries*** Linnaeus, 1758 [sheep]
- HEM:pir *Babesia bigemina* (Smith & Kilbourne, 1893); blood; R1 (149)
- HEM:pir *Babesia ovis* (Babes, 1892) Starcovici, 1893; NR (cDNA); RU (1377, 1379)
- GRE:cry *Cryptosporidium agni* Barker & Carbonell, 1974; small intestines; R2 (53, 167)
- GRE:cry *Cryptosporidium andersoni* Lindsay *et al.*, 2000; faeces (+ PCR); R6 (1634)
- GRE:cry *Cryptosporidium bovis* Barker & Carbonell, 1974; faeces (+ PCR); R6 (1779)
- GRE:cry *Cryptosporidium fayeri* Ryan *et al.*, 2008; faeces (+ PCR); RU (1830)
- GRE:cry *Cryptosporidium hominis* Morgan-Ryan *et al.*, 2002; faeces (+ PCR); R6 (1634)
- GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (PCR); R2, R6 (1765, 1779)
- GRE:cry *Cryptosporidium suis* Ryan *et al.*, 2004; faeces (+ PCR); R6 (1634)
- GRE:cry *Cryptosporidium* sp.; faeces (+ IMS)(+ PCR)(+ exptl. infection); RU, R5, R6 (349, 889, 1177, 1634, 1764, 1779, 1789)
- COC:eim *Eimeria ahsata* Honess, 1942; faeces; R5 (167, 880)
- COC:eim *Eimeria crandallii* Honess, 1942; faeces; R5 (167, 880)
- COC:eim *Eimeria faurei* (Moussu & Marotel, 1901); faeces, gut; RU, R5 (167, 585, 692, 880)
- COC:eim *Eimeria gilruthi* (Chatton, 1910); abomasum, intestine; RU, R3, R5 (167, 394, 692, 976, 1059, 1060)
- COC:eim *Eimeria granulosa* Christensen, 1938; faeces; R5 (167, 880)
- COC:eim *Eimeria intricata* Spiegl, 1925; faeces; R5 (167, 880)
- COC:eim *Eimeria ovina* Levine & Ivens, 1970; faeces; R5 (167, 880)
- COC:eim *Eimeria ovinoidalis* McDougald, 1979; faeces; R5 (167, 880)
- COC:eim *Eimeria pallida* Christensen, 1938; faeces; R5 (167, 880)
- COC:eim *Eimeria parva* Kotlan *et al.*, 1929; faeces; R5 (167, 880)
- COC:eim *Eimeria punctata* Landers, 1955; faeces; R5 (167, 880)
- COC:eim *Eimeria weybridgensis* Norton *et al.*, 1974; faeces; R5 (880)
- COC:eim *Eimeria* sp.; faeces, abomasum; RU, R4 (143, 837, 1242)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ IMS), gut (+ PCR); RU, R5, R6 (132, 328, 341, 762, 764, 795, 1149, 1678, 1729, 1730, 1764, 1779)
- ZOO:dip *Giardia* sp.; gut, faeces (+PCR); RU, R6 (167, 692, 735, 837, 1059, 1060, 1144, 1172, 1634)
- COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; NR (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 medusiformis* 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)
- HEM:pir *Theileria mutans* (Theiler, 1906) Franca, 1909; blood (exptl. infection); RU (498, 1060)
- 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)

ZOO:kin *Trypanosoma melophagium* (Flu, 1908); blood, RU (167, 692, 693, 1059, 1060, 1170, 1171)
 COC:eim Unidentified coccidia; gut; RU (692, 1059, 1060)

Family: ANTILOCAPRIDAE [giraffes, okapi]

Giraffa camelopardalis rothschildi Lydekker, 1903 [Rothschild's giraffe]

UNC:sta *Blastocystis* sp.; faeces (+ PCR), zoo animal; R2, R6 (1820)

Order: CHIROPTERA [bats]

Suborder: MEGACHIROPTERA [herbivorous bats]

Family: PTEROPODIDAE [flying-foxes, fruit-bats, blossom-bats]

Dobsonia moluccense (Quoy & Gaimard, 1810) [bare-backed fruit-bat]

HEM:hae *Hepatocystis* sp.; blood; R9 (692, 726)

Pteropus alecto Temminck, 1837 [black flying-fox]

HEM:hae *Hepatocystis* sp.; blood; R1 (899, 1790, 1891)

HEM:hae *Johnspretia copemani* Landau *et al.*, 2012; blood, lungs; R1 (1891, 1892)

HEM:hae *Sprattiella alecto* Landau *et al.*, 2012; blood, kidney; R1 (1891)

HEM:hae *Hepatocystis levinei* Landau *et al.*, 1985; blood, liver; R1 (1891)

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 [fruit bat]

HEM:hae *Hepatocystis pteropi* (Breinl, 1913); blood; R1 (692, 744)

Pteropus gouldii Peters, 1867 [black flying-fox]

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, 1315)

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

COC:eim *Sarcocystis* sp.; NR; RU (1790)

Pteropus sacpulatus 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, 1611)

ZOO:kin *Trypanosoma pteropi* Breinl, 1913; blood; RU (1611)

Suborder: MICROCHIROPTERA [mainly insectivorous bats]

Family: HIPPOSIDERIDAE [horseshoe-bats]

Hipposideros ater Templeton, 1848 [dusky horseshoe bat] (= *H. bicolor*)

ZOO:kin *Trypanosoma hipposideri* Mackerras, 1959; blood; R1 (483, 693, 790, 1790)

Hipposideros semoni Matschie, 1903 [greater wart-nosed horseshoe-bat]

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

Family: VESPERTILIONIDAE ['ordinary' bats]

Eptesicus pumilus (Gray, 1841) [little cave eptesicus]

HEM:hae *Polychromophilus melanipherus* (Dionisi, 1899); blood; R1 (287)

Miniopterus australis Tomes, 1858 [little bent-wing bat]

HEM:hae *Polychromophilus murinus* (Dionisi, 1899); blood; R1 (692, 744)

Miniopterus blepotis (Temminck, 1840) [bent-wing bat]

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)

ZOO:kin *Trypanosoma vespertilionis* Battaglia, 1904; blood; RU (692, 1234, 1790)

HEM:hae Unidentified haemosporidian; blood; RU (692, 767)

Myotis adversus (Horsfield, 1824) [large-footed mouse-eared bat] (mispelt *Myotis*)

GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces, intestines (+ PCR); R2 (1561)

Myotis myotis (Bechstein, 1819) [greater mouse-eared bat]

HEM:hae Unidentified haemosporidian; blood; RU (692, 767)

Myotis nattererii (Kuhl, 1819) [Natterer's bat]

HEM:hae Unidentified haemosporidian; blood; RU (692, 767)

Nyctophilus bifax Thomas, 1915 [North Queensland long-eared bat]

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

Vespadelus pumilis (Gray, 1841) [eastern forest bat]

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

Order: RODENTIA [rodents]

Suborder: MYOMORPHA

Family: MURIDAE [rats & mice]

Subfamily: HYDROMYINAE ['old endemic' rodents]

Tribe: HYDROMYINI [aquatic rats]

Hydromys chrysogaster Geoffroy, 1804 [water rat]

COC:ade *Klossiella hydromys* Winter & Watt, 1972; kidney; R1 (1073, 1074, 1124, 1249, 1790)

COC:eim *Sarcocystis* sp.; muscle; RU, R1 (830, 1074, 1790)

- 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, 1790)
 ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1 (483, 693, 1790)
- Tribe: UROMYINI [mosaic-tailed rats]
- Melomys cervinipes*** (Gould, 1852) [fawn-footed melomys]
 COC:eim *Sarcocystis* sp.; muscle; R1 (830, 1790)
 COC:eim *Toxoplasma* sp.; brain, antibodies (CFT); R1 (224, 1790)
- Melomys littoralis*** (Lonnberg, 1916) [climbing rat]
 COC:eim *Sarcocystis* sp.; muscle, R1 (830)
 COC:eim *Toxoplasma* sp.; antibodies (CFT); R1 (224, 1790)
- Uromys caudimaculatus*** (Krefft, 1867) [white-tailed rat]
 COC:eim *Sarcocystis* sp.; muscle; R1 (830, 1790)
 COC:eim *Toxoplasma* sp.; antibodies (CFT); R1 (224)
- Tribe: CONILURINI [rabbit-rats, tree-rats, rock-rats, stick-nest rats, hopping-mice, native mice]
- Leporillus conditor*** (Sturt, 1848) [greater stick-nest rat]
 COC:eim *Eimeria leporilli* O'Callaghan & O'Donoghue, 1999; faeces; R5 (1581)
- Mastacomys fuscus*** Thomas, 1882 [broad-toothed rat]
 COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; R3 (836, 1861)
 COC:eim *Sarcocystis* sp.; muscle; RU (830, 1790)
- Notomys alexis*** Thomas, 1922 [spinifex hopping-mouse]
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; R5 (339)
- Pseudomys albocinereus*** (Gould, 1845) [ash-grey mouse]
 ZOO:dip *Giardia* sp.; faeces (+ PCR); R6 (1920)
 ZOO:kin *Trypanosoma* sp.; blood (PCR); R6 (1811, 1818)
- Pseudomys fieldi*** (Waite, 1896) [djoongari, Shark Bay mouse]
 ZOO:kin *Trypanosoma* sp.; blood (PCR); R7 (1818)
- Pseudomys higginsii*** (Trouessart, 1897) [long-tailed mouse]
 COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; R3 (836, 1861)
 COC:eim *Sarcocystis* sp.; muscle; RU (830, 1790)
- Subfamily: MURINAE ['new endemic' and introduced rodents]
- Mus musculus*** Linnaeus, 1758 [house mouse] syn. *M. domesticus*
 LOB:aca *Acanthamoeba* sp.; NR; R5 (556)
 LOB:amo *Dientamoeba fragilis* Jepps & Dobell, 1918; gut, faeces (exptl. infection), R2 (1915)
 HEM:pir *Babesia rodhaini* van den Berghe *et al.*, 1950; blood (exptl. infection); R1, R2 (253, 327, 614, 674, 1378)
 COC:eim *Besnoitia wallacei* (Tadros & Laarman, 1976); heart, tongue, lungs (exptl. infection); R3

- (733, 1790)
- GRE:cry *Cryptosporidium andersoni* Lindsay *et al.*, 2000; faeces (+ PCR); R6 (1654)
- GRE:cry *Cryptosporidium muris* Tyzzer, 1907; gut, faeces (+ PCR); RU, R6 (284, 692, 1699)
- GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces, gut (+ PCR)(+ exptl. infection); R2, R6 (765, 1559, 1561, 1562, 1563, 1699, 1837, 1846, 1857, 1862)
- GRE:cry *Cryptosporidium* sp.; small intestine, faeces (+ exptl.)(+ PCR); RU, R1, R5, R6 (167, 889, 1177, 1557, 1558, 1769)
- COC:eim *Eimeria falciformis* (Eimer, 1870); gut; RU (692)
- LOB:amo *Entamoeba muris* (Grassi, 1879); gut; RU (284, 692)
- ZOO:dip *Giardia muris* (Grassi, 1879); gut, antibodies (RIA); RU, R2, R5 (7, 20, 284, 692, 735, 736, 1008, 1009, 1551, 1730)
- ZOO:dip *Giardia duodenalis* (Davaine, 1875); intestine, faeces (+ PCR)(exptl.); R1, R5, R6 (18, 19, 108, 116, 338, 339, 341, 735, 736, 792, 793, 1064, 1144, 1193, 1197, 1203, 1400, 1551, 1654, 1709, 1739, 1741)
- COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; muscles; R5 (546, 1790)
- COC:ade *Hepatozoon muris* (Balfour, 1906); blood; RU (727)
- ZOO:dip *Hexamita muris* (Grassi, 1881); gut; RU (692)
- COC:ade *Klossiella muris* Smith & Johnson, 1902; kidney; RU (284, 692)
- HET:sch *Naegleria australiensis* DeJonckheere, 1981; brain (exptl. infection); RU (272)
- ZOO:kin *Leishmania major* Yakimoff & Schokhor, 1914; skin (exptl.); R2 (1687, 1775)
- 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, 1638)
- COC:eim *Neospora caninum* Dubey *et al.*, 1988; brain (+ PCR), antibodies (Western blot) (exptl. infection); R1, R2 (1290, 1546, 1548, 1613, 1751, 1782, 1837, 1865)
- HEM:hae *Plasmodium berghei* (Vincke & Lips, 1948); blood, brain (exptl. infection); R1, R2, R6 (614, 1373, 1432, 1451, 1472, 1603, 1759, 1848)
- HEM:hae *Plasmodium yoelii* (Landau & Killick-Kendrick, 1966); blood (exptl. infection); R2 (614)
- COC:eim *Sarcocystis muris* (Railliet, 1886); muscle (exptl. infection); R5 (886, 1130)
- COC:eim *Sarcocystis* sp.; muscle; RU (830)
- ZOO:dip *Spironucleus muris* (Grassi, 1888); gut, faeces; R5, R6 (922, 1064)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain (+ PCR), tissues, liver, peritoneum (+ exptl.), antibodies (DT); R1, R2, R3, R5, R6 (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, 1483, 1547, 1649, 1797, 1871)
- ZOO:tri *Trichomonas muris* (Grassi, 1879); gut; RU (284, 692)
- ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R2 (562)
- COC:eim Unidentified coccidian oocysts; faeces; R6 (1654)

Rattus colletti (Thomas, 1904) [dusky rat]

- COC:eim *Sarcocystis singaporensis* Zaman & Colley, 1975; muscles (+ exptl. infection); RU (Eur) (1861, 1869)

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

- COC:ade *Hepatozoon muris* (Balfour, 1906); blood; R1, R2, R6, (692, 693)
- COC:ade *Hepatozoon* sp.; blood; R1 (899, 1790)
- COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; RU (836, 1861)
- COC:eim *Sarcocystis rzepezykii* Duszynski & Upton, 2009; muscle; RU (1861)
- COC:eim *Sarcocystis* sp.; muscle; RU, R1 (606, 830, 1033, 1034, 1790)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various organs, antibodies (CFT); R1 (167, 224, 692, 961, 1790)

ZOO:dip *Giardia* sp.; faeces (+ PCR); R6 (1920)
 ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1 (483, 692, 693, 1790)
 ZOO:kin *Trypanosoma* sp.; blood (PCR); R6 (1818)

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, 1790)
 COC:eim *Toxoplasma* sp.; NR; RU (1790)

Rattus macleari (Thomas, 1887) [Christmas Island rat][now extinct] = *Mus macleari*

ZOO:kin *Trypanosoma lewisi* (Kent, 1880); skin (PCR); R25 (1819)
 ZOO:kin *Trypanosoma* sp.; blood; R25 (1838, 1866)

Rattus norvegicus (Berkenhout, 1769) [brown rat] syn. *Rattus decumanus* Pallus, 1778, *Mus decumanus*

LOB:aca *Acanthamoeba* sp.; cornea; R5 (44)
 LOB:amo *Dientamoeba fragilis* Jepps & Dobell, 1918; gut, faeces (exptl. infection), R2 (1915)
 HEM:pir *Babesia rodhaini* van den Berghe *et al.*, 1950; blood (exptl. infection); R1 (674)
 COC:eim *Besnoitia wallacei* (Tadros & Laarman, 1976); tissues; R3 (733)
 COC:eim *Eimeria nieschulzi* Dieben, 1924; gut; RU (692)
 LOB:amo *Entamoeba muris* (Grassi, 1879); gut; RU (692)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); intestine (+ PCR)(exptl. infection); R5, R6 (762, 764, 1064, 1142, 1144, 1551, 1730, 1741)
 COC:ade *Hepatozoon muris* (Balfour, 1906); blood; R1, R2, R6 (203, 562, 568, 569, 570, 573, 583, 692, 693)
 ZOO:dip *Hexamita muris* (Grassi, 1881); gut; RU (692)
 COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; RU (836, 1861)
 COC:eim *Sarcocystis muris* (Railliet, 1886); muscle; RU, R2 (568, 569, 570, 583, 692)
 COC:eim *Sarcocystis* sp.; muscle; RU (830)
 ZOO:dip *Spironucleus muris* (Grassi, 1888); gut, faeces; R5 (1064)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, antibodies (CFT, DT); R1 (224, 692, 961, 1649)
 COC:eim Unidentified coccidian; gut; RU (360, 692)
 ZOO:tri *Trichomonas muris* (Grassi, 1879); gut; RU (692)
 ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1, R2 (360, 562, 568, 570, 573, 581, 583, 692, 693, 965, 1059, 1060)

Rattus rattus (Linnaeus, 1758) [black rat]

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:ade *Hepatozoon muris* (Balfour, 1906); blood; R1, R2, R6 (568, 570, 573, 583, 692, 693, 899)
 COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; heart, skeletal muscle, lung, kidney; RU (836, 1861)
 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, 1621, 1622)
 ZOO:kin *Trypanosoma lewisi* (Kent, 1880); blood, skin (PCR); R1, R25 (167, 360, 562, 568, 570, 573, 581, 583, 692, 693, 965, 1059, 1060, 1819)

ZOO:kin *Trypanosoma* sp.; blood; R25 (1838, 1866)

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, 1790)

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)

COC:eim *Sarcocystis singaporensis* Zaman & Colley, 1975; muscles (+ exptl. infection); RU (Eur) (1861, 1869)

ZOO:tri *Trichomonas* sp.; gut; RU (692)

Rattus (unidentified species)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); gut; RU (735, 759)

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:kin *Trypanosoma lewisi* (Kent, 1880); blood; R1 (46, 205, 581, 583, 692)

Family: CAVIIDAE [guinea pigs]

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

ZOO:dip *Giardia duodenalis* (Davaine, 1875); gut; R5 (1730)

ZOO:dip *Giardia* sp.; gut, faeces; R5 (735)

ZOO:kin *Trypanosoma evansi* (Steel, 1885); blood (exptl. infection); R6 (567, 1059, 1060)

Order: LAGOMORPHA [lagomorphs]

Family: LEPORIDAE [hare, rabbit]

Lepus europaeus Pallas, 1778 [hare]

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

Oryctolagus cuniculus (Linnaeus, 1758) [rabbit]

GRE:cry *Cryptosporidium cuniculus* Inman & Takeuchi, 1979; faeces (PCR); R2 (1873)

GRE:cry *Cryptosporidium* sp.; faeces (IMS); R2 (1764, 1837)

COC:eim *Eimeria coecicola* Kheissin, 1947; faeces; R6 (484)

COC:eim *Eimeria exigua* Yakimoff, 1934; faeces; R2, R6 (484, 1107, 1108, 1463, 1464, 1599)

COC:eim *Eimeria flavescens* Marotel & Guillhon, 1941; faeces; R6 (484, 1463, 1464)

COC:eim *Eimeria intestinalis* Kheisin, 1948; faeces; R6 (484, 1463, 1464)

COC:eim *Eimeria irresidua* Kessel & Jankiewicz, 1931; faeces, RU, R2, R4, R6 (484, 692, 862, 864, 1060, 1107, 1108, 1599)

COC:eim *Eimeria magna* Perard, 1925; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059, 1060, 1107, 1108, 1463, 1464, 1599)

COC:eim *Eimeria media* Kessel, 1929; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1060, 1107, 1108, 1463, 1464, 1599)

COC:eim *Eimeria perforans* (Leuckart, 1879); faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059,

- 1060, 1107, 1108, 1463, 1464, 1599)
 COC:eim *Eimeria piriformis* Kotlan & Pospesch, 1934; faeces; R2, R4, R6 (484, 864, 1060, 1107, 1108, 1463, 1464, 1599)
 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, 1463, 1464, 1599)
 COC:eim *Eimeria* sp.; faeces; RU (321, 863, 1837)
 MIC:mic *Encephalitozoon cuniculi* Levaditi *et al.*, 1923; various organs, antibodies (IFAT); R2, R6 (231, 232, 233, 234, 235, 236, 975, 1136, 1140, 1536)
 COC:eim *Sarcocystis cuniculi* Brumpt, 1913; muscle; R3 (835)
 COC:eim *Sarcocystis* sp.; muscle; RU (830)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR, antibodies (DT); R3 (1649)
 COC:eim *Toxoplasma* sp.; brain, antibodies (IFAT); RU, R3 (692, 811, 1059, 1060, 1238)
 ZOO:kin *Trypanosoma nabiasi* Railliet, 1895; blood (+ PCR); R2 (1888)
 COC:eim Unidentified coccidian; caecum; RU (1060)

Subclass: PROTHERIA

Order: MONOTREMATA [monotremes]

Family: ORNITHORHYNCHIDAE [platypus]

Ornithorhynchus anatinus (Shaw & Nodder, 1799) [platypus]

- COC:eim *Eimeria* sp.; NR; RU (1790)
 HEM:pir *Theileria ornithorhynchi* Mackerras, 1959; blood; R1, R2, R3 (693, 750, 1372, 1662, 1790) [incorrectly recorded as *T. binneyi* in 1059, 1060]
 HEM:pir *Theileria* sp.; blood; RU (692)
 COC:eim *Toxoplasma* sp.; heart; RU, R2 (1538, 1790)
 ZOO:kin *Trypanosoma (Megatrypanum) binneyi* Mackerras, 1959; blood; R2, R3 (483, 693, 750, 1374, 1450, 1478, 1576)
 ZOO:kin *Trypanosoma* sp.; blood, lung, liver, heart (+ PCR); RU, R2 (692, 916, 1450, 1538, 1790, 1818)
 COC:eim Unidentified coccidian; intestines; R2 (1538)

Family: TACHYGLOSSIDAE [echidna]

Tachyglossus aculeatus (Shaw & Nodder, 1792) [short-beaked echidna]

- HEM:pir *Babesia tachyglossi* Backhouse & Bolliger, 1959; blood; R2 (43, 1004)
 HEM:pir *Babesia* sp.; blood; R2 (693)
 GRE:cry *Cryptosporidium* sp.; intestines; R5 (349, 898, 1790)
 COC:eim *Eimeria echidnae* Barker *et al.*, 1985; faeces; R3 (57, 1790)
 COC:eim *Eimeria tachyglossi* Barker *et al.*, 1985; faeces, small intestine; R3 (57, 1790)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:ade *Hepatozoon tachyglossi* Clark *et al.*, 2005; blood (monocytes); RU, R2 (1361, 1790)
 COC:eim *Octosporella hystrix* Barker *et al.*, 1985; faeces; R2 (57, 1790)
 HEM:pir *Theileria tachyglossi* Priestley, 1915; blood, various organs; R1, R2 (693, 974, 1059, 1060, 1662, 1877)
 COC:eim *Toxoplasma* sp.; brain, lung, liver, spleen, kidney; R2 (1545, 1790)
 ZOO:kin *Trypanosoma cruzi* Chagas, 1909; blood (exptl. infection); R2 (42)
 COC:eim Unidentified coccidia; lung, liver, kidney, heart, spleen, intestines; R2 (1395, 1545)

Subclass: MARSUPIALIA [marsupials]

Order: POLYPROTODONTA

Suborder: DASYUROMORPHIA

Family: DASYURIDAE [quolls, dunnarts, antechinuses, planigales, ningauis, Tasmanian devil]

Antechinus minimus (Geoffroy, 1803) [swamp antechinus]

COC:eim *Toxoplasma* sp.; NR; RU (826, 1790)

Antechinus stuartii Macleay, 1841 [brown antechinus] = *A. agilis*

HEM:pir *Babesia* sp.; blood; R2 (28, 31, 55, 826, 851, 1726, 1790)

GRE:cry *Cryptosporidium* sp.; small intestine; R2 (55, 349, 1726, 1790)

COC:eim *Sarcocystis* sp.; muscle; RU (826, 830, 1726)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU (38, 1790)

COC:eim Unidentified coccidia; small intestine; R2 (55)

Antechinus swainsonii (Waterhouse, 1840) [dusky antechinus]

COC:eim *Sarcocystis* sp.; muscle; RU (826, 830, 1726)

COC:eim *Toxoplasma* sp.; NR; RU (826, 1790)

Dasyercus byrnei (Spencer, 1896) [kowari] syn. *Dasyuroides byrnei*

COC:ade *Hepatozoon dasyuroides* Mackerras, 1959; blood; R10 (693, 1790)

COC:ade *Klossiella* sp.; kidney; RU (826, 851, 1790)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts, RU, R2 (38, 1544, 1790, 1868)

Dasyercus cristicauda (Kreffft, 1867) [mulgara]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU, R2 (38, 1790, 1868)

Dasyurus geoffroi Gould, 1841 [western quoll, chuditch]

UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1814)

ZOO:kin *Trypanosoma* sp.; blood (PCR); R6 (1811, 1818, 1884)

Dasyurus hallucatus (Gould, 1842) [northern quoll]

HEM:pir *Babesia thylacis* Mackerras, 1959; blood; R8 (1292)

COC:eim *Sarcocystis* sp.; muscle, tongue; RU, R9 (606, 692, 1577, 1726, 1790)

Dasyurus maculatus (Kerr, 1792) [tiger quoll, spotted-tail quoll]

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)

COC:eim *Sarcocystis* sp.; faeces; RU (830, 1790)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); antibodies (MAT); R3 (1882)

ZOO:kin *Trypanosoma* sp.; tissue (+ PCR); R6 (1884)

Dasyurus viverrinus (Shaw, 1800) [eastern quoll]

COC:ade *Hepatozoon dasyuri* (Welsh *et al.*, 1909); blood; R2 (563, 570, 693, 826, 851, 1230, 1231, 1234, 1790)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); antibodies (MAT); R3 (1882)

COC:eim *Toxoplasma* sp.; lung; RU (1059, 1790)

Dasyurus (unidentified species)

- COC:ade *Hepatozoon dasyuri* (Welsh *et al.*, 1909) Wenyon, 1926; syn. *Haemogregarina dasyuri* Welsh *et al.*, 1909; blood; R2 (563, 570, 693, 826, 851, 1230, 1231, 1234, 1726, 1790)
- COC:eim *Toxoplasma* sp.; various tissues, immunolabelling; RU (168, 1726)
- Parantechinus apicalis*** (Gray, 1842) [dibbler] syn. *Antechinus apicalis*
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU, R2 (38, 1790, 1868)
- ZOO:kin *Trypanosoma* sp.; blood (PCR); R6 (1811, 1818)
- Parantechinus bilarni*** (Johnson, 1954) [sandstone antechinus] syn. *A. bilarni*
- COC:eim *Sarcocystis* sp.; muscle; RU (1726) [erroneously cited as *Pseudantechinus bilarni*]
- Parantechinus rosamondae*** (Ride, 1964) [little red antechinus] syn. *Antechinus rosamondae*
- COC:eim *Sarcocystis* sp.; muscle; RU, R2 (1726, 1868) [cited as *Dasykaluta rosamondae* in (1726)]
- Phascogale tapoatafa*** (Meyer, 1793) [brush-tailed phascogale]
- COC:eim *Toxoplasma* sp.; brain; R1 (224, 826, 1790)
- Planigale maculata*** (Gould, 1851) [common planigale]
- COC:eim *Sarcocystis* sp.; NR, muscles; RU, R2 (1726, 1790, 1868)
- ZOO:dip *Giardia* sp.; faeces (+ PCR); R6 (1920)
- ZOO:kin *Trypanosoma* sp.; blood (PCR); R7 (1818)
- Pseudantechinus macdonnellensis*** (Spencer, 1896) [fat-tailed antechinus] syn. *Antechinus macdonnellensis*
- COC:eim *Sarcocystis* sp.; muscle; RU (1726)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU, R2 (38, 1790, 1868)
- Pseudantechinus ningbing*** Kitchner, 1988 [Ningbing pseudantechinus]
- COC:eim *Sarcocystis* sp.; muscle; RU (1726)
- Sarcophilus harrisii*** (Boitard, 1841) [Tasmanian devil]
- ZOO:dip *Giardia* sp.; faeces; R3 (781, 1633)
- COC:eim *Sarcocystis* sp.; faeces, muscle; R3 (830, 1726, 1790)
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); antibodies (MAT); R3 (1882)
- Sminthopsis crassicaudata*** (Gould, 1844) [fat-tailed dunnart]
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU, R2 (38, 1790, 1868)
- Sminthopsis laniger*** (Gould, 1856) [kultarr] syn. *Antechinomys laniger*
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU, R2 (38, 1790, 1868)
- Sminthopsis leucopus*** (Gray, 1842) [white-footed dunnart]
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU, R2 (38, 1790, 1868)
- Sminthopsis macroura*** (Gould, 1845) [stripe-faced dunnart]
- COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); tissue cysts; RU, R2 (38, 1790, 1868)
- Family: MYRMECOBIIDAE [numbat]
- Myrmecobius fasciatus*** Waterhouse, 1836 [numbat]
- COC:eim *Toxoplasma* sp.; various tissues; RU (168, 1790)

Suborder: PERAMELOMORPHIA

Family: PERMELIDAE [bandicoots]

Isoodon auratus (Ramsay, 1887) [golden bandicoot]

ZOO:kin *Trypanosoma* sp.; blood (PCR); R7 (1818)

Isoodon macrourus (Gould, 1842) [northern brown bandicoot]

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; RU (1330)

ZOO:kin *Trypanosoma (Megatrypanum) thylacis* Mackerras, 1959; blood; RU (483, 693)

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

HEM:pir *Theileria* sp.; blood; R1 (1060)

Isoodon obesulus (Shaw, 1797) [southern brown bandicoot, quenda] syn. *Thylacis obesulus*

HEM:pir *Babesia thylacis* Mackerras, 1959; blood; R1 (693)

UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1814)

GRE:cry *Cryptosporidium* sp.; intestines; R5 (349, 898, 1563, 1790)

COC:eim *Eimeria* sp.; intestines; RU (692)

LOB:amo *Entamoeba* sp.; intestines; RU (692)

ZOO:dip *Giardia* sp.; intestines, faeces (+ PCR); RU, R3, R6 (692, 1278, 1303, 1790, 1811, 1920)

COC:ade *Hepatozoon peramelis* (Welsh & Dalyell, 1909); blood (+ PCR); R6 (691, 693, 826, 851, 1725)

COC:ade *Klossiella quimrensis* Barker *et al.*, 1975; kidney; R3 (54, 826, 851, 1124)

COC:ade *Klossiella* sp.; kidney; RU, R1 (691, 692, 1790)

COC:eim *Sarcocystis* sp.; skeletal muscle; RU (606, 691)

HEM:pir *Theileria peramelis* Mackerras, 1959; blood; R1 (691, 693, 826, 851, 1059, 1662)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung, brain, antibodies (CFT); R1 (224, 826, 961, 962, 1060, 1790)

ZOO:tri *Trichomonas* sp.; intestines; RU (692)

ZOO:kin *Trypanosoma* sp.; blood, tissue (+ PCR); R3, R6 (78, 691, 1790, 1884)

MIC:mic *Encephalitozoon* sp.; brain; R3 (691)

Perameles bougainville Quoy & Gaimard, 1824 [western barred bandicoot]

GRE:cry *Cryptosporidium fayeri* Ryan *et al.*, 2008; faeces (+ PCR); R6 (1830)

COC:eim *Eimeria kanyana* Bennett *et al.*, 2006; faeces; R6 (1298)

COC:ade *Klossiella quimrensis* Barker *et al.*, 1975; kidney; R6 (1299)

Perameles gunnii Gray, 1838 [eastern barred bandicoot]

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (exptl. infection); R3 (1303)

ZOO:dip *Giardia* sp.; faeces; RU, R3 (1303, 1790)

COC:ade *Hepatozoon* sp.; blood; R3 (77, 899)

COC:ade *Klossiella quimrensis* Barker *et al.*, 1975; kidney; R3 (54, 826, 851, 1124, 1790)

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

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, central nervous system, antibodies (DAT, MAT)(+ exptl. infection); R2, R3 (911, 1304, 1305, 1549, 1578, 1790)

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, 1790)
 COC:eim *Sarcocystis* sp.; muscle; RU (830)
 HEM:pir *Theileria peramelis* Mackerras, 1959; blood; R1 (693)
 HEM:pir *Theileria* sp.; blood; RU (691, 692, 826, 851)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, antibodies (CFT); R1 (224, 826, 961, 962, 1790)

Perameles (unidentified species)

ZOO:dip *Giardia* sp.; faeces; R3 (781, 1633)
 COC:eim *Toxoplasma* sp.; various tissues; RU (168)

Family: THYLACOMYIDAE [bilbys]

Macrotis lagotis (Reid, 1837) [bilby]

GRE:cry *Cryptosporidium muris* Tyzzer, 1907; faeces (+ PCR); R6 (1699)
 GRE:cry *Cryptosporidium* sp.; NR; RU (1790)
 COC:eim *Toxoplasma* sp.; various tissues; RU (168, 1790)

Order: DIPROTODONTA

Family: PHALANGERIDAE [brushtail possums, cuscuses]

Trichosurus arnhemensis Collett, 1897 [northern brushtail possum]

ZOO:dip *Giardia* sp.; faeces; R3 (781, 1790)

Trichosurus caninus (Ogilby, 1836) [mountain brushtail possum]

COC:eim *Eimeria* sp.; faeces; R4 (969, 973, 1696)
 COC:eim *Sarcocystis* sp.; muscle; R1, R2 (830, 969, 973, 1696, 1790)

Trichosurus cunninghami Lindenmayer *et al.*, 2002 [mountain brushtail possum]

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)

Trichosurus vulpecula (Kerr, 1792) [common brushtail possum]

UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1814)
 GRE:cry *Cryptosporidium* sp.; faeces (+ IMS); R2 (1607, 1764)
 COC:eim *Eimeria trichosuri* O'Callaghan & O'Donoghue, 2001; faeces; R1, R2, R3, R5 (1582)
 COC:eim *Eimeria* sp.; faeces; R1, R2, R3 (899, 968, 970, 973, 1696)
 LOB:amo *Entamoeba* sp.; intestines; RU, R1 (692, 1696)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 ZOO:dip *Giardia* sp.; faeces; R3 (1303)
 ZOO:kin *Leishmania donovani* (Laveran & Mesnil, 1903); heart (exptl. infection); R2 (42, 1790)
 COC:eim *Sarcocystis* sp.; muscle; R1, R2 (830, 970, 973, 1696, 1790)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR; R1, R2 (1696)
 COC:eim *Toxoplasma* sp.; brain, heart, antibodies (CFT); R1, R2 (224, 826, 970, 973, 1060, 1455, 1790)
 ZOO:kin *Trypanosoma cruzi* Chagas, 1909; blood, various organs (exptl. infection); R2 (42)
 ZOO:kin *Trypanosoma* sp.; blood (PCR); R6 (1818, 1884)

Family: PETAURIDAE [ringtail possums, larger gliders]

Hemibelideus lemuroides (Collett, 1884) [lemuroid ringtail possum]

COC:eim *Eimeria* sp.; intestines; R1 (1084)
 COC:ade *Klossiella* sp.; kidney; R1 (1084, 1790)

Petauroides volans (Kerr, 1792) [greater glider]

COC:ade *Klossiella schoinobatis* Barker *et al.*, 1985; kidney; R2 (58, 851, 1790)

Petaurus australis Shaw, 1791 [yellow-bellied glider]

COC:eim Unidentified intraerythrocytic coccidian; blood (+ PCR); R1, R2 (1780)

Petaurus breviceps Waterhouse, 1839 [sugar glider]

COC:ade *Hepatozoon petauri* (Welsh & Barling, 1909); blood; RU (692, 693, 826, 851, 1790)

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, 1790)

Pseudocheirus herbertensis (Collett, 1884) [Herbert River ringtail possum]

COC:eim *Eimeria* sp.; intestines; R1 (1084)

COC:ade *Hepatozoon* sp.; blood; R1 (1084)

COC:ade *Klossiella* sp.; kidney; R1 (1084, 1790)

COC:ade Unidentified haemogregarine; blood; R1 (1084)

Pseudocheirus langinosus (Gould, 1858) [ringtail possum]

ZOO:dip *Giardia* sp.; NR; RU (1790)

COC:ade *Hepatozoon pseudecheiri* Mackerras, 1959; blood; R1 (693, 1790)

Pseudocheirus peregrinus (Boddaert, 1785) [common ringtail possum]

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

ZOO:dip *Giardia* sp.; faeces; RU, R3 (1303, 1822)

COC:ade *Haemogregarina* sp.; blood; RU (692)

COC:ade *Klossiella convolutor* Barker *et al.*, 1975; kidney; R3 (54, 826, 851, 971, 1124, 1790)

Pseudocheirus archeri (Collett, 1884) [green ringtail possum]

COC:eim *Eimeria* sp.; intestines; R1 (1084)

COC:ade *Klossiella* sp.; kidneys; R1 (1084, 1790)

COC:eim *Sarcocystis* sp.; muscle; RU (830, 1084, 1790)

Pseudocheirus (unidentified species)

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

Unidentified possum species

ZOO:dip *Giardia* sp.; faeces; R3 (1633)

Family: POTOROIDAE [potoroos, bettongs, rat-kangaroos]

Aepyprymnus rufescens (Gray, 1837) [rufous bettong]

COC:eim *Eimeria aepyprymni* Barker *et al.*, 1988; faeces; zoo (Aust.) (61)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)

COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)

Bettongia gaimardi (Desmarest, 1822) [Tasmanian bettong]

COC:eim *Eimeria gaimardi* Barker *et al.*, 1988; faeces; R3 (61)
 COC:ade *Klossiella bettongiae* Barker *et al.*, 1985; kidney; R3 (58, 851, 1790)

Bettongia lesueuri (Quoy & Gaimard, 1824) [burrowing bettong, boodie]

COC:eim *Sarcocystis bettongiae* Bourne, 1934; skeletal muscle; R6 (122, 312, 606, 1790)
 ZOO:kin *Trypanosoma* sp.; blood (PCR); R6, R7 (1811, 1818, 1884)
 HEM:pir *Theileria* sp.; blood (+ PCR); R6 (1902)

Bettongia penicillata Gray, 1837 [brush-tailed bettong, woylie]

HEM:pir *Babesia* sp.; blood (+ PCR); R6 (1902)
 UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1814)
 HEM:pir *Theileria penicillata* Clark & Spencer, 2007; blood (+ PCR); R6 (1872)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, heart (PCR); R1, R6 (1355, 1701, 1790, 1797)
 ZOO:kin *Trypanosoma copemani* Austen *et al.*, 2009; blood (+ PCR); R6 (1913)
 ZOO:kin *Trypanosoma vegrandis* Thompson *et al.*, 2013; blood (+ PCR); R6 (1913)
 ZOO:kin *Trypanosoma* sp.; blood, tissue (+ PCR); R2, R6 (1495, 1811, 1818, 1884)

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 tinarooensis* Barker *et al.*, 1988; faeces; R1 (61)

Potorous tridactylus (Kerr, 1792) [long-nosed rat-kangaroo] = *P. gilberti*

COC:eim *Eimeria mundayi* Barker *et al.*, 1988; faeces; R3 (61)
 COC:eim *Eimeria potoroi* Barker *et al.*, 1988; faeces; R3 (61)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 ZOO:dip *Giardia* sp.; faeces; RU, R3 (1303, 1633, 1790)
 COC:ade *Klossiella* sp.; kidney; R3 (54, 826, 851, 1790)
 HEM:pir *Theileria peramelis* Mackerras, 1959; blood; R1 (693)
 HEM:pir *Theileria* sp.; blood (+ PCR); RU, R2 (691, 692, 826, 851, 1086, 1821)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lungs, liver, muscle, antibodies (IHAT); zoo (USA) (528, 944, 1790)

Potorous gilberti (Gould, 1841) [Gilbert's potoroo] = *P. tridactylus*

HEM:pir *Theileria gilberti* Lee *et al.*, 2009; blood (+ PCR); R6 (1821)
 ZOO:kin *Trypanosoma copemani* Austen *et al.*, 2009; blood (+ PCR); R6 (1469)
 ZOO:kin *Trypanosoma* sp.; NR (PCR); RU (1818)

Family: MACROPODIDAE [kangaroos, wallabies, pademelons, quokka]

Dendrolagus inustus Mueller, 1840 [grizzled tree-kangaroo]

ZOO:tri *Trichomonas guttula* Kirby & Honigberg, 1950; intestines; zoo (USA) (613)

Dendrolagus lumholtzi Collett, 1884 [Lumholtz's tree-kangaroo]

COC:eim *Eimeria dendrolagi* Barker *et al.*, 1988; faeces; R1 (60)
 COC:eim *Eimeria lumholtzi* Barker *et al.*, 1988; faeces; R1 (60)
 COC:eim *Sarcocystis* sp.; muscle; R1 (1086, 1790)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR, R6, zoo (Aust.) (167, 1790)

COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)

Lagorchestes conspicillatus Gould, 1842 [spectacled hare-wallaby]

COC:eim *Eimeria lagorchestis* Barker *et al.*, 1988; faeces; R1 (60)

COC:eim *Eimeria* sp.; faeces; R1 (60)

COC:ade *Klossiella beveridgei* Barker *et al.*, 1985; kidney; R1 (58, 851, 1790)

COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)

Lagostrophus fasciatus (Peron & Lesueur, 1807) [banded hare-wallaby, mernine]

ZOO:kin *Trypanosoma* sp.; blood (+ PCR); R6 (1884)

Macropus agilis (Gould, 1842) [agile wallaby]

LIT:ves *Amylovorax* sp.; forestomach; RU (1348)

LIT:ves *Bandia smalesae* Cameron & O'Donoghue, 2002; forestomach; R1 (1345, 1348, 1349, 1353)

LIT:ves *Dasytricha* sp.; stomach; RU (906)

COC:eim *Eimeria mykutowyczi* Barker *et al.*, 1989; faeces; R8 (62)

COC:eim *Eimeria prionotemni* Barker *et al.*, 1989; faeces; R5, zoo (Aust.) (62)

COC:eim *Eimeria* sp.; ileum; RU (1083, 1086)

LIT:ves *Isotricha* sp.; stomach; RU (906)

ZOO:kin *Leishmania* sp.; skin (+ PCR + ELISA); R8 (1817)

LIT:ves *Polycosta* sp.; forestomach; RU (1348)

COC:eim *Sarcocystis* sp.; skeletal muscle; RU (830, 1083, 1086, 1790)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); heart; RU (1083, 1086, 1790)

ZOO:kin *Trypanosoma evansi* (Steel, 1885) Balbiani, 1888; blood; RU (exptl. infection) (1623, 1790)

COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)

Macropus antilopinus (Gould, 1842) [antilopine wallaroo]

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

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

Macropus bernardus Rothschild, 1904 [black wallaroo]

ZOO:kin *Leishmania* sp.; skin (+ PCR + ELISA); R8 (1817)

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

LIT:ves *Amylovorax* sp.; forestomach; RU (1348)

LIT:ent *Cycloposthium edentatum* Strelkow, 1928; stomach; R1 (1337, 1348, 1349, 1350)

LIT:ent *Cycloposthium* sp.; stomach; R1 (899)

LIT:ves *Dasytricha* sp.; stomach; RU (906)

COC:eim *Eimeria hestermani* Mykutowycz, 1964; faeces; R1 (62)

COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R1, R4, zoo (USSR) (62, 865, 1272)

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

COC:eim *Eimeria* sp.; intestines; R1 (fauna park) (1082, 1086)

LIT:ves *Isotricha* sp.; stomach; RU, R1 (899, 906)

LIT:ent *Macropodinium spinosus* Cameron *et al.*, 2001; stomach; R1 (1341, 1348, 1349)

LIT:ent *Macropodinium tricresta* Cameron *et al.*, 2001; stomach; R1 (1341, 1348, 1349)

LIT:ent *Macropodinium* sp.; stomach; R1 (899)

LIT:ves *Megavestibulum morganorum* Cameron & O'Donoghue, 2003; forestomach; R1 (1347, 1348, 1349)

LIT:ves *Polycosta turniae* Cameron & O'Donoghue, 2003; forestomach; R1 (1346, 1348, 1349, 1353)

LIT:ves *Polycosta* sp.; forestomach; RU (1348)

Macropus eugenii (Desmarest, 1817) [tammar wallaby, dama wallaby]

- LIT:ves *Amylovorax* sp.; forestomach; RU (1348, 1349)
 LIT:ves *Bandia tammar* Cameron & O'Donoghue, 2002; forestomach; R5 (1345, 1348, 1349, 1353)
 LIT:ves *Dasytricha* sp.; stomach; RU (273, 906)
 COC:eim *Eimeria flindersi* Barker *et al.*, 1989; faeces; R5 (62)
 COC:eim *Eimeria hestermani* Mykytowycz, 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* Mykytowycz, 1964; faeces; R5 (62)
 LOB:amo *Entamoeba histolytica* Schaudinn, 1903; stomach; captive (USA) (1657)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 ZOO:kin *Trypanosoma* sp.; tissue (+ PCR); R6 (1884)
 COC:eim *Hammondia hammondi* Frenkel & Dubey, 1975; NR (exptl. infection), antibodies (ELISA); R2 (985)
 LIT:ent *Heterotricha* sp.; stomach; R4 (273)
 LIT:ves *Isotricha* sp.; stomach; RU (273, 906)
 LIT:ent *Macropodinium hallae* Cameron *et al.*, 2002; stomach; R5 (1344, 1348, 1349)
 LIT:ent *Macropodinium ocallaghani* Cameron *et al.*, 2002; stomach; R5 (1344, 1348, 1349)
 LIT:ves *Polycosta parma* Cameron & O'Donoghue, 2003; forestomach; R5 (1346, 1348, 1349)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues (+ culture)(+ PCR), antibodies (IHAT, DAT, MAT); R2, R3, R5, R6, zoo (EUR, USA) (167, 287, 296, 519, 528, 944, 985, 986, 1355, 1529, 1579, 1790)
 LOB:amo Unidentified amoebae; NR; RU (826, 851)
 COC:eim Unidentified coccidia; small intestine, liver; RU, zoo (31, 1086, 1355)

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

- LIT:ves *Amylovorax dehorityi* Cameron & O'Donoghue, 2002; stomach; RU (1348, 1349)
 COC:eim *Besnoitia* sp.; NR; RU (1790)
 LIT:ves *Bitricha obolata* Cameron *et al.*, 2000; stomach; R5 (1338, 1348, 1349)
 UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1820)
 GRE:cry *Cryptosporidium macropodum* Power & Ryan, 2008; faeces (+ IMS, + PCR); R2 (1826)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 COC:eim *Eimeria gungahlinensis* Mykytowycz, 1964; faeces; R4 (62)
 COC:eim *Eimeria hestermani* Mykytowycz, 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* Mykytowycz, 1964; faeces; R4, R5 (62)
 COC:eim *Eimeria wilcanniensis* Mykytowycz, 1964; faeces; R4, R5, zoo (Aust.) (62)
 COC:eim *Eimeria yathongensis* Barker *et al.*, 1989; faeces; R4, R5 (62)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 LIT:ves *Isotricha* sp.; stomach; RU (906)
 COC:ade *Klossiella callitris* Barker *et al.*, 1975; kidney; R4 (54, 826, 851, 1124, 1790)
 LIT:ent *Macropodinium yalanbense* Dehority, 1966; forestomach; R6 (271, 1344, 1348, 1349, 1352)
 LIT:ves *Polycosta* sp.; forestomach; RU (1348, 1349)
 HEM:pir *Theileria fuliginosa* Clark & Spencer, 2007; blood (+ PCR); R6 (1872)
 COC:eim *Toxoplasma gondii* (Nichole & Manceaux, 1908); various tissues (+ PCR), antibodies (IHA, LAT, MAT, DT, ELISA); R2, R6, zoo (USA) (309, 310, 1355, 1496, 1701, 1790, 1797)
 ZOO:kin *Trypanosoma* sp.; blood, tissues (+ PCR); R6 (1884)
 COC:eim Unidentified coccidia; stomach, intestines, faeces; RU, zoo (Aust., Japan) (28, 31, 368, 369, 1086, 1273)

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

- LOB:aca *Acanthamoeba* sp.?; brain; R1 (874)
 LIT:ves *Amylovorax dehorityi* (Cameron *et al.*, 2000) Cameron & O'Donoghue, 2002; syn. *Dasytricha dehorityi*; stomach; R2 (1338, 1340, 1342, 1348, 1349)
 HEM:pir *Babesia macropus* Dawood *et al.*, 2013; blood, tissues (+ PCR); R1 (1903)
 HEM:pir *Babesia* sp.; blood (+ PCR); RU (1790)
 LIT:ves *Bitricha obolata* Cameron *et al.*, 2000; stomach; R2 (1338, 1348, 1349)
 GRE:cry *Cryptosporidium fayeri* Ryan *et al.*, 2008; faeces (+ PCR); R6 (1830)
 GRE:cry *Cryptosporidium macropodum* Power & Ryan, 2008; faeces (+ IMS, + PCR); R2 (1826)
 GRE:cry *Cryptosporidium* sp.; faeces (IMS)(PCR); R2 (1607, 1608, 1609, 1742, 1764, 1790)
 LIT:ves *Dasytricha* sp.; stomach; RU, R1 (273, 899, 906)
 COC:eim *Eimeria cunnamullensis* Mykytowycz, 1964; faeces, small intestine; R4, zoo (India) (52, 167, 865, 948, 1677)
 COC:eim *Eimeria gungahlinensis* Mykytowycz, 1964; faeces; R4 (62, 167, 865, 948)
 COC:eim *Eimeria hestermani* Mykytowycz, 1964; faeces; R4 (62, 167, 865, 948)
 COC:eim *Eimeria kogoni* Mykytowycz, 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)
 LIT:ent *Heterotricha* sp.; stomach; R4 (273)
 LIT:ves *Isotricha* sp.; stomach; RU, R1 (273, 899, 906)
 LIT:ent *Macropodinium yalanbense* Dehority, 1996; stomach; RU, R1 (1339, 1344, 1348, 1349, 1352)
 LIT:ent *Macropodinium* sp.; stomach; R1 (899)
 LIT:ves *Polycosta* sp.; forestomach; RU (1348, 1349)
 COC:eim *Sarcocystis* sp.; muscle; RU (826, 830, 1790)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues, antibodies (IHAT); RU, R1, zoo (USA) (528, 944, 1086, 1355, 1790)
 ZOO:kin *Trypanosoma* sp.; blood (PCR)(culture); R2 (1576, 1659, 1660, 1790, 1818)
 LOB:amo Unidentified amoebae; stomach, oesophagus; RU (826, 851, 906)
 COC:eim Unidentified coccidia; faeces, intestines; RU, zoo (Aust., USA) (135, 368, 369, 1468)

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]

- LIT:ves *Dasytricha* sp.; stomach; RU (906)
 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)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 LIT:ves *Isotricha* sp.; stomach; RU (906)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various organs; R6, zoo (Aust., USA) (167, 310, 1240, 1355, 1790)
 COC:eim Unidentified coccidia; liver; R2 (1355)

Macropus parryi Bennett, 1835 [whiptail wallaby, prettyface wallaby]

- LIT:ves *Amylorax* sp.; stomach; RU (1348, 1349)
 LIT:ves *Bandia cribbi* Cameron & O'Donoghue, 2002; forestomach; R1 (1345, 1348, 1349, 1353)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 COC:eim *Eimeria mykutowyczi* 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 *Isotricha* sp.; stomach; RU (906)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR; RU (1790)

Macropus robustus Gould, 1841 [common wallaroo]

- LIT:ves *Amylorax dogieli* (Cameron *et al.*, 2000) Cameron & O'Donoghue, 2002; syn. *Dasytricha dogieli*; stomach; R1 (1338, 1340, 1342, 1348, 1349)
 LIT:ves *Bandia deveneyi* Cameron & O'Donoghue, 2002; forestomach; R1, R5, R6 (1345, 1348, 1349, 1353)
 LIT:ves *Dasytricha* sp.; stomach; RU, R1 (273, 899)
 COC:eim *Eimeria wilcanniensis* Mykutowycz, 1964; faeces; R5 (62)
 LIT:ent *Entodinium* sp.; stomach; RU (273)
 LIT:ent *Heterotricha* sp.; stomach; R4 (273)
 LIT:ves *Isotricha* sp.; stomach; RU, R1 (273, 899)
 ZOO:kin *Leishmania* sp.; skin (culture + PCR + ELISA); R8 (1817)
 LIT:ent *Macropodinium ennuensis* Dehority, 1966 f. *ennuensis* Cameron *et al.*, 2002; forestomach; R4, R5, R6 (271, 1344, 1348, 1349, 1350)
 LIT:ent *Macropodinium ennuensis* Dehority, 1966 forma *dentis* Cameron *et al.*, 2002; forestomach; R1 (1344)
 LIT:ent *Macropodinium yalanbense* Dehority, 1996; stomach, zoo; R1 (1344, 1348, 1349, 1350, 1352)
 LIT:ent *Macropodinium* sp.; stomach; R1 (899)
 ZOO:tri *Monocercomonas* sp.; intestines; zoo (USA) (613)
 LIT:ves *Polycosta* sp.; forestomach; RU (1348, 1349)
 ZOO:ret *Retortamonas mitrula* Kirby & Honigberg, 1950; intestines; zoo (USA) (613)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lungs, antibodies (IHAT, CSFA); zoo (USA) (100, 310, 1002, 1790)
 ZOO:tri *Trichomonas guttula* Kirby & Honigberg, 1950; intestines; zoo (USA) (613)
 LOB:amo Unidentified amoebae; glandular stomach; RU (825, 826, 851, 874)

Macropus rufogriseus (Desmarest, 1817) [red-necked wallaby, Bennett's wallaby] syn. *M. bennetti*

- LIT:ves *Amylorax dehorityi* Cameron & O'Donoghue, 2002; stomach, zoo; RU (1348, 1349)
 LIT:ves *Dasytricha* sp.; stomach; RU (273)
 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* Mykutowycz, 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* Mykutowycz, 1964; faeces; R3 (62)
 COC:eim *Eimeria* sp.; faeces; zoo (EUR) (1137)

- LIT:ent *Entodinium* sp.; stomach; RU (273)
 ZOO:dip *Giardia* sp.; faeces; RU, R3 (1303, 1790)
 COC:eim *Globidium mucosum* (Blanchard, 1885); small intestine; zoo (UK, EUR) (1054, 1274)
 LIT:ent *Heterotracha* sp.; stomach; R4 (273)
 COC:eim *Ileocystis macropodis* Gilruth & Bull, 1912; small intestine; zoo (UK) (1164, 1233)
 LIT:ves *Isotracha* sp.; stomach; RU (273)
 COC:ade *Klossiella rufogrisei* Barker *et al.*, 1985; kidney; R3 (58)
 COC:ade *Klossiella* sp.; kidney; RU (826, 851, 1790)
 COC:eim *Lymphocystis macropodis* Gilruth & Bull, 1912; small intestine; zoo (UK) (1164, 1233)
 LIT:ent *Macropodinium yalanbense* Dehority, 1996; stomach, zoo; R1 (1344, 1348, 1349)
 LIT:ent *Macropodinium* sp.; stomach; R1 (899)
 COC:eim *Sarcocystis mucosa* (Blanchard, 1885); gut wall; R1, R3 (312, 520, 890, 1790)
 COC:eim *Sarcocystis* sp.; gut wall, muscle; RU, zoo (UK) (606, 826, 830, 1054, 1165, 1790)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues (+ culture)(+ PCR), antibodies (DAT, MAT, ELISA), R1, R3, R6, zoo (USA, UK, EUR) (31, 36, 167, 310, 434, 521, 551, 553, 725, 784, 826, 981, 1086, 1102, 1355, 1579, 1790, 1797, 1882)
 COC:eim Unidentified coccidia; intestines; zoo (Aust., UK) (31, 368, 1054, 1086)

Macropus rufus (Desmarest, 1822) [red kangaroo] syn. *Megalia rufus*

- GRE:cry *Cryptosporidium fayeri* Ryan *et al.*, 2008; faeces (+ PCR); R6 (1830)
 GRE:cry *Cryptosporidium macropodum* Power & Ryan, 2008; faeces (+ IMS, + PCR); R2 (1826)
 GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (+PCR); RU (1850, 1852, 1853)
 GRE:cry *Cryptosporidium* sp.; intestines, faeces (+ PCR); RU, R5 (349, 898, 1563, 1790, 1856)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 COC:eim *Eimeria macropodis* Wenyon & Scott, 1925; faeces; R4, R6, zoo (USSR) (62, 865, 1272)
 COC:eim *Eimeria rufusi* Prasad, 1960; faeces; zoo (UK) (167, 946, 947, 948, 949, 967)
 COC:eim *Eimeria toganmainensis* Mykytowycz, 1964; faeces; R4 (30, 167, 865, 948)
 COC:eim *Eimeria wilcanniensis* Mykytowycz, 1964; faeces; R4 (30, 167, 865, 948)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 LIT:ves *Isotracha* sp.; stomach; RU (906)
 COC:ade *Klossiella rufi* Barker *et al.*, 1985; kidney; R4 (58)
 COC:ade *Klossiella* sp.; kidney; R4 (30, 826, 851, 1790)
 ZOO:kin *Leishmania* sp.; skin (+ PCR); R8 (1630, 1631, 1790)
 LIT:ent *Macropodinium ennuensis* Dehority, 1966; forestomach; R6 (271)
 UNC:sta *Pneumocystis carinii* Delanoe, 1912; lungs; RU (826, 851)
 LIT:ves *Polycosta* sp.; forestomach; RU (1348, 1349)
 COC:eim *Sarcocystis* sp.; muscle; RU, R4 (30, 826, 830, 1086, 1790)
 COC:eim *Toxoplasma* sp.; various organs; RU, zoo (USA) (438, 528, 1086, 1790)
 LOB:amo Unidentified amoebae; stomach, oesophagus; RU (906)
 LIT:ent Unidentified ciliates; forestomach; R5 (449)
 COC:eim Unidentified coccidian; adipose tissue; R4 (315)

Macropus (unidentified species)

- LOB:amo *Entamoeba* sp.; faeces, forestomach; zoo (USA) (1007)
 ZOO:dip *Giardia* sp.; faeces; R3 (781)
 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)

Onychogalea fraenata (Gould, 1841) [bridled nail-tail wallaby]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); antibodies (LAT); R1 (1686)

Peradorcas concinna Gould, 1842 [narbarlek]

COC:eim *Sarcocystis* sp.; muscle; RU (826, 830, 1086, 1790)

Petrogale assimilis Ramsey, 1877 [allied rock-wallaby]

COC:eim *Eimeria godmani* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria boonderooensis* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1 (59)

LIT:ves *Amylovorax* sp.; forestomach; RU (1348, 1349)

LIT:ves *Bandia equimontanensis* Cameron & O'Donoghue, 2002; forestomach; R1 (1345, 1348, 1349)

LIT:ves *Polycosta* sp.; forestomach; RU (1348, 1349)

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, 1790)

Petrogale godmani Thomas, 1923 [Godman's rock-wallaby]

COC:eim *Eimeria godmani* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1 (59)

LIT:ves *Amylovorax* sp.; forestomach; RU (1348, 1349)

LIT:ent *Macropodinium petrogale* Cameron *et al.*, 2002; stomach; R1 (1344, 1348, 1349)

LIT:ent *Macropodinium titan* Cameron *et al.*, 2002; stomach; R1 (1344, 1348, 1349)

LIT:ves *Polycosta* sp.; forestomach; RU (1348, 1349)

Petrogale herberti Thomas, 1926 [Herbert's rock-wallaby]

LIT:ves *Amylovorax* sp.; forestomach; RU (1348, 1349)

LIT:ves *Polycosta Sebastopolensis* Cameron & O'Donoghue, 2003; forestomach; R1 (1346, 1348, 1349)

Petrogale inornata Gould, 1842 [unadorned rock-wallaby]

COC:eim *Eimeria boonderooensis* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria inornata* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1 (59)

COC:eim *Sarcocystis mucosa* (Blanchard, 1885); gut wall; R1 (312, 890, 1790)

Petrogale lateralis Gould, 1842 [black-footed rock-wallaby]

COC:eim *Eimeria godmani* Barker *et al.*, 1988; faeces; R5 (882)

COC:eim *Eimeria inornata* Barker *et al.*, 1988; faeces; R5 (882)

COC:eim *Eimeria occidentalis* Barker *et al.*, 1988; faeces; R7, R8 (59)

COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1, R5 (59, 882)

COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R5, R6 (59, 882)

COC:eim Unidentified coccidia; faeces; R1 (fauna park) (1082)

Petrogale penicillata (Gray, 1825) [brush-tailed rock-wallaby]

GRE:cry *Cryptosporidium parvum*; faeces (+ PCR); R2, R4 (1918)

GRE:cry *Cryptosporidium hominis* Morgan-Ryan *et al.*, 2002; faeces (+ PCR); R2, R4 (1918)

GRE:cry *Cryptosporidium fayeri* Ryan *et al.*, 2008; faeces (+ PCR); R2, R4 (1918)
 GRE:cry *Cryptosporidium macropodum* Power & Ryan, 2008; faeces (+ PCR); R2, R4 (1918)
 GRE:cry *Cryptosporidium meleagridis* Slavin, 1955; faeces (+ PCR); R2, R4 (1918)
 GRE:cry *Cryptosporidium ubiquitum* Fayer *et al.*, 2010; faeces (+ PCR); R2, R4 (1918)
 COC:eim *Eimeria inornata* Barker *et al.*, 1988; faeces; R1 (59)
 COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1, R2 (59, 1916, 1919)
 COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1, R2 (59, 1916, 1919)
 COC:eim *Sarcocystis mucosa* (Blanchard, 1885); colonic submucosa, zoo (EUR) (96, 97, 230, 606, 617, 663, 782, 872, 1234, 1790)
 COC:eim *Sarcocystis* sp.; muscle; RU (826)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); antibodies (MAT); R1 (1916)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R2, R4 (1917)
 ZOO:kin *Trypanosoma* sp.; blood (PCR); R2 (1450, 1818)
 COC:eim Unidentified coccidian; faeces; R1 (59)

Petrogale persephone Maynes, 1982 [Proserpine rock-wallaby]

HEM:pir *Babesia* sp.; blood; R1 (899)
 COC:eim *Eimeria petrogale* Barker *et al.*, 1988; faeces; R1 (59, 72)
 COC:eim *Eimeria sharmani* Barker *et al.*, 1988; faeces; R1 (72)

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 sharmani Eldridge & Close, 1992 [Mt. Claro rock-wallaby]

LIT:ves *Amylovorax* sp.; forestomach; RU (1348, 1349)
 LIT:ves *Bandia* sp.; forestomach; RU (1348, 1349)

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

GRE:cry *Cryptosporidium fayeri* Ryan *et al.*, 2008; faeces (+ PCR); R6 (1830)
 GRE:cry *Cryptosporidium* sp.; faeces; R2 (1607)
 COC:eim *Eimeria xanthopus* Barker *et al.*, 1988; faeces; R5, zoo (Aust.) (59)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 COC:eim *Sarcocystis macropodis* Gilruth & Bull, 1912; intestinal submucosa; zoo (Aust.) (397)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR; RU (310, 1790)

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

LIT:ves *Amylovorax quokka* Cameron & O'Donoghue, 2002; stomach; R6 (1342, 1348, 1349)
 LIT:ves *Bandia beveridgei* Cameron & O'Donoghue, 2002; stomach; R6 (1345, 1348, 1349)
 UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1820)
 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)
 LOB:amo *Entamoeba* sp.; intestines; RU (692)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 LIT:ent *Macropodinium baldense* Dehority, 1966; forestomach; R6 (271)
 LIT:ent *Macropodinium moiri* Dehority, 1966; forestomach; R6 (271, 1343, 1344, 1348, 1349)
 LIT:ent *Macropodinium setonixum* Dehority, 1966; forestomach; R6 (271, 1344, 1348, 1349)
 HEM:pir *Theileria brachyuri* Clark & Spencer, 2007; blood (+ PCR); R6 (1872)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); muscle, brain, kidney, antibodies (DT); R2, R6 (167, 310, 390, 826, 1086, 1355, 1790)

- ZOO:kin *Trypanosoma copemani* Austen *et al.*, 2009; blood (+ PCR); R6 (1469, 1883)
 ZOO:kin *Trypanosoma* sp.; NR, tissue (+ PCR); RU, R6 (1818, 1884)
 LIT:ent Unidentified ciliates; forestomach; R6 (783, 1271)

Thylogale billardieri (Desmarest, 1822) [Tasmanian pademelon]

- LIT:ves *Amylovorax mundayi* (Cameron *et al.*, 2000) Cameron & O'Donoghue, 2002; syn. *Dasytricha mundayi*; stomach; R3 (1338, 1342, 1348, 1349)
 LIT:ves *Bitricha tasmaniensis* Cameron *et al.*, 2000; stomach; R3 (1338, 1340, 1348, 1349)
 GRE:cry *Cryptosporidium* sp.; intestines; R5 (349, 898, 1563, 1790)
 LIT:ves *Dasytricha* sp.; stomach; RU (906)
 COC:eim *Eimeria obendorfii* 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)
 ZOO:dip *Giardia* sp.; faeces; RU, R3 (1303, 1633, 1790)
 LIT:ves *Isotricha* sp.; stomach; RU (906)
 COC:ade *Klossiella thylogale* Barker *et al.*, 1985; kidney; R3 (58)
 COC:ade *Klossiella* sp.; kidney; RU (826, 851, 1790)
 LIT:ent *Macropodinium marai* Cameron *et al.*, 2001; stomach; R3 (1341, 1348, 1349)
 COC:eim *Sarcocystis mucosa* (Blanchard, 1885); intestinal submucosa; R3 (520, 1790)
 COC:eim *Sarcocystis* sp.; muscle; RU (826, 830, 1790)
 COC:eim *Toxoplasma gondii* (Nicolle & Maneaux, 1908); various tissues, antibodies (DT, DAT, MAT, ELISA); R3 (31, 167, 551, 553, 811, 826, 905, 1086, 1355, 1790, 1882)

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

- GRE:cry *Cryptosporidium* sp.; faeces; R2 (1607)
 COC:eim *Eimeria* sp.; intestinal mucosa; R4 (576)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces; RU (1330)
 COC:eim *Pfeifferinella/Tyzzeria* sp.?; faeces; RU (60)

Unidentified kangaroo species

- GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1729)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (PCR); R6 (1729)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); muscles (PCR); R6 (1797)

Wallabia bicolor (Desmarest, 1804) [swamp wallaby]

- LIT:ves *Amylovorax* sp.; forestomach; RU (1348, 1349)
 GRE:cry *Cryptosporidium macropodum* Power & Ryan, 2008; faeces (+ IMS, + PCR); R2 (1826)
 LIT:ves *Dasytricha* sp.; stomach; RU (273, 906)
 COC:eim *Eimeria bicolor* Barker *et al.*, 1988; faeces; R2 (60)
 COC:eim *Eimeria wallabiae* Barker *et al.*, 1988; faeces; R2 (60)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)
 LIT:ent *Heterotricha* sp.; stomach; R4 (273)
 LIT:ves *Isotricha* sp.; stomach; RU (273, 906)
 COC:ade *Klossiella serendipensis* Barker *et al.*, 1975; kidney; R2 (54, 826, 851, 1124, 1306, 1790)
 LIT:ent *Macropodinium bicolor* Cameron *et al.*, 2001; stomach; R1 (1341, 1348, 1349)
 LIT:ent *Megavestibulum kuhri* Cameron & O'Donoghue, 2003; forestomach; R1 (1347, 1348, 1349)
 LIT:ves *Polycosta roundi* Cameron & O'Donoghue, 2003; forestomach; R1 (1346, 1348, 1349, 1353)
 LIT:ves *Polycosta* sp.; forestomach; RU (1348)
 COC:eim *Sarcocystis* sp.; muscle; RU, R2 (830, 1086, 1306, 1790)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various organs; RU, R1, zoo (USA), (310, 1086, 1141, 1355, 1790)

ZOO:kin *Trypanosoma* sp.; blood (culture)(PCR); RU, R2 (1450, 1818)
 LOB:amo Unidentified amoebae; stomach, oesophagus; RU (906)

Unidentified wallaby species

ZOO:dip *Giardia* sp.; faeces; R3 (1633)

Family: PHASCOLARTIDAE [koala]

Phascolarctos cinereus (Goldfuss, 1817) [koala]

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

GRE:cry *Cryptosporidium fayeri* Ryan *et al.*, 2008; faeces (+ PCR); R6 (1830)

GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (+ PCR); R5, R6 (798, 1559, 1563, 1852)

GRE:cry *Cryptosporidium* sp.; faeces, intestines (+ PCR); R5 (349, 898, 1558, 1790, 1856)

MIC:mic *Encephalitozoon intestinalis* (Cali *et al.*, 1993) Didier *et al.*, 1996; intestines (+ PCR); R1 (1755, 1790)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various tissues (heart, brain, liver, spleen, lymph nodes, bladder, kidney, adrenal glands); RU, R1, zoo (Aust., USA) (31, 168, 288, 462, 826, 899, 1397, 1790)

ZOO:kin *Trypanosoma irwini* McInnes *et al.*, 2009; blood (+ PCR); R1 (1843, 1889, 1890)

ZOO:kin *Trypanosoma copemani* Austen *et al.*, 2009; blood (+ PCR); R1 (1889, 1890)

ZOO:kin *Trypanosoma gilletti* McInnes *et al.*, 2011; blood (+ PCR); R1 (1889, 1890)

Family: VOMBATIDAE [wombats]

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

LIT:ves *Amylovorax* sp.; hindgut; RU (1348, 1349)

UNC:sta *Blastocystis* sp.; faeces (+ PCR); R6 (1820)

COC:eim *Eimeria wombati* (Gilruth & Bull, 1912); intestinal mucosa, faeces; R2, zoo (EUR) (28, 56, 303, 397, 946, 947, 949, 1112, 1234, 1790)

COC:eim *Eimeria ursini* Supperer, 1957; intestines, faeces; R2, R5, zoo (EUR) (56, 303, 946, 947, 949, 1112)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (+ PCR); R6 (1822)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR; RU (303)

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

LIT:ves *Amylovorax* sp.; hindgut; RU (1348, 1349)

GRE:cry *Cryptosporidium* sp.; NR; RU (1790)

COC:eim *Eimeria arundeli* Barker *et al.*, 1979; faeces, small intestine; R2, R3, zoo (Aust.) (56, 303, 972, 1471, 1790)

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

ZOO:dip *Giardia* sp.; faeces; RU, R3 (1303, 1633, 1790)

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

COC:eim *Toxoplasma wenyoni* Coutelen, 1932; brain; zoo (UK) (229, 310, 1449)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); various organs (+ PCR), antibodies (DAT); RU, R2 (28, 31, 168, 303, 972, 1102, 1641, 1790, 1797)

ZOO:kin *Trypanosoma* sp.; blood (culture)(PCR); R2 (1450, 1576, 1659, 1790, 1818)

Class: REPTILIA [reptiles]

Order: CROCODILIA [crocodiles]

Family: CROCODYLIDAE [crocodiles]

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

COC:eim *Goussia* sp.?; intestines; R1 (919, 1790)

COC:eim Unidentified coccidian; gut; R1, R8 (1331)

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

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

Order: TESTUDINES [turtles & tortoises]

Family: CHELONIIDAE [sea turtles]

Chelonia mydas (Linnaeus, 1758) [green turtle]

COC:eim *Caryospora cheloniae* Leibovitz *et al.*, 1978; intestines, kidney, brain; R13 (421, 1790)

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

GRE:cry *Cryptosporidium* sp.; intestines; R13 (899, 1790)

Family: CHELIDAE [side-necked tortoises]

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

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

COC:ade *Haemogregarina* sp.; blood; R1, zoo (Aust.) (581, 960, 1593)

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, 1477)

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, 1477, 1478)

ZOO:kin *Trypanosoma* sp.; blood; R1 (1477)

Chelodina oblonga Gray, 1841 [oblong turtle]

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

COC:ade *Haemogregarina clelandi* Johnston, 1909; blood; R4 (211, 565, 570, 572, 577, 695)

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

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

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

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

Elseya latisternum Gray, 1867 [saw-shelled turtle]

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

COC:ade *Haemogregarina clelandi* Johnston, 1907; blood; R1, R4 (695, 1477)

HEM:hae *Haemoproteus chelodinae* (Johnston & Cleland, 1909); blood; R1 (1476, 1477)

ZOO:kin *Trypanosoma chelodina* Johnston, 1907; blood; R1 (695, 1128, 1477, 1478)

ZOO:kin *Trypanosoma* sp.; blood; R1 (1477)

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

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

COC:ade *Haemogregarina clelandi* Johnston, 1909; blood; R4 (211, 572, 575, 577, 581, 695)
 ZOO:kin *Trypanosoma chelodina* Johnston, 1907; blood; R1 (211, 212, 572, 575, 577, 581, 695, 1128)

Emydura macquarii (Gray, 1830) [Murray turtle]

HEM:hae *Haemocystidium chelodinae* Johnston & Cleland, 1909; blood; R2 (577, 581, 695)
 COC:ade *Haemogregarina clelandi* Johnston, 1909; blood; R4 (577, 581, 695)
 ZOO:kin *Trypanosoma chelodina* Johnston, 1907; blood; R4 (577, 581, 695, 1128)

Emydura signata Ahl, 1932 [short-necked tortoise]

COC:ade *Haemogregarina clelandi* Johnston, 1909; blood; R1 (1476, 1477)
 HEM:hae *Haemoproteus chelodinae* (Johnston & Cleland, 1909); blood; R1 (1477)
 ZOO:kin *Trypanosoma chelodina* Johnston, 1907; blood; R1 (1477, 1478)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (1477)

Order: SQUAMATA [lizards & snakes]

Suborder: SAURIA [lizards]

Family: HELODERMATIDAE [Gila monsters]

Heloderma suspectum (Cope, 1869) [Gila monster]

GRE:cry *Cryptosporidium* sp.; faeces; R5, zoo (Aust.) (896, 898)

Family: GEKKONIDAE [geckos]

Gehyra australis Gray, 1845 [northern dtella]

COC:eim *Eimeria gastrosauris* Paperna, 1994; stomach; R1 (932)
 HEM:hae *Haemoproteus gehyrae* Paperna & Landau, 1991; blood; R1 (930)

Gehyra dubia (Macleay, 1877) [tree dtella]

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

Gehyra punctata (Fry, 1914) [spotted dtella]

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

Gehyra robusta King, 1983 [robust dtella]

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

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

COC:eim *Eimeria gehyrae* Cannon, 1967; faeces, gall bladder; R1 (172)
 COC:ade *Haemogregarina* sp.; lung, blood; R1, R4 (285, 695, 1093, 1094, 1380)
 HEM:hae *Haemoproteus mackerrasi* Paperna & Landau, 1991 syn. *Haemocystidium simondi* Castellani & Willey, 1904; syn. *Haemoproteus simondi* (Castellani & Willey) Wenyon, 1926; blood; R1 (40, 695, 1380)
 COC:ade *Hepatozoon* sp.; blood; RU (1380)
 COC:eim *Isospora gehyrae* Finkelman & Paperna, 2002; faeces, intestines; R5 (1414)
 COC:eim *Isospora* sp.; faeces, small intestines; R1, R2 (899, 1049)
 HEM:hae *Pirhemocytion tarentolae* Chatton & Blanc, 1914; blood; R1 (695, 1094)

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

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

COC:eim *Eimeria gastrosauris* Paperna, 1994; stomach; R1 (931, 932)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 COC:eim ‘*Globidium*’ sp.; gut; R1 (1589)
 COC:ade *Haemogregarina heteronotae* Mackerras, 1961; blood, lung; R1 (695)
 COC:ade *Haemogregarina* sp.; blood; R1 (899)
 HEM:hae *Haemoproteus mackerrasi* Paperna & Landau, 1991; blood; R1 (40, 695, 930, 1586)
 COC:eim *Isospora ablephari* Cannon, 1967; faeces, intestine; R1 (171)
 COC:eim *Isospora cytoheteronotis* Finkelman & Paperna, 2002; faeces, intestines; R1 (1414)
 COC:eim *Isospora nucleoheteronotis* Finkelman & Paperna, 2002; faeces, intestines; R1 (1414)
 COC:eim *Isospora* sp.; faeces, intestines; R1 (899, 1587, 1790)

Nephrurus wheeleri Loveridge, 1932 [Wheeler’s knobtail gecko]

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

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

HEM:hae *Haemoproteus oedurae* Paperna & Landau, 1991; blood; R1 (930, 1586)

Oedura monilis De Vis, 1888 [ocellated velvet gecko]

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

Oedura rhombifer Gray, 1845 [velvet gecko]

COC:eim *Isospora oedurae* Finkelman & Paperna, 2002; faeces, intestines; R1 (1414)

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

HEM:hae *Haemocystidium* sp.; blood; R1 (577, 581)
 COC:ade *Haemogregarina* 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, 1380)

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 *Pirhemocyton 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)

Family: PYGOPODIDAE [snake lizards]

Delma nasuta Kluge, 1974 [sharp-snouted legless lizard]

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)

Family: 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)

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

COC:eim *Sarcocystis* sp.; muscle; RU (606, 1790)

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

COC:eim *Caryospora* sp.; NR; RU (1790)

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

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

Amphibolurus vitticeps Ahl, 1926 [inland bearded dragon] syn. *Pogona vitticeps*

GRE:cry *Cryptosporidium varanii* Pavlasek *et al.*, 1995 syn. *C. saurophilum* Koudela & Modry, 1998;
faeces (PCR); zoo (USA) (1716, 1829)

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

COC:eim *Isospora* sp.; intestines; colony (USA) (1493)

MIC:mic Unidentified microsporid; liver, kidney, gut, brain, ovary; zoo (USA) (1475)

Chlamydosaurus kingii Gray, 1825 [frilled lizard]

GRE:cry *Cryptosporidium* sp.; stomach; R8 (1584)

Diporiphora australis (Steindachner, 1867) [Australian two-pored dragon]

COC:eim *Isospora cannoni* Finkelman & Paperna, 1994; small intestine; R1 (367, 1587)

Moloch horridus Gray, 1841 [thorny devil or moloch]

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

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

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

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

Family: VARANIDAE [goannas or monitor lizards]

Varanus bellii Dumeril & Bibron, 1839 [monitor lizard]

COC:ade *Haemogregarina varanicola* Johnston & Cleland, 1910; blood; R1 (580, 581)

Varanus giganteus (Gray, 1845) [perentie]

GRE:cry *Cryptosporidium* sp.; faeces; R5 (898, 1790)

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, 1790)

Varanus storri Mertens, 1966 [Storr's monitor]

ZOO:tri *Trichomonas* sp.; NR; RU (1790)

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 *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:ade *Hepatozoon breinli* (Mackerras, 1961); blood; R1 (695, 697)

COC:ade *Hepatozoon* sp.; blood; R1 (1593)

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

ZOO:tri *Trichomonas* sp.; NR; RU (1790)

Family: 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 jarnoldae Covacevich & Ingram, 1975 [lined rainbow-skink]

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

Carlia rhomboidalis (Peters, 1869) [blue-throated rainbow-skink]

HEM:hae *Fallisia copemani* Paperna & Landau, 1990; blood; R1 (928, 929, 1048, 1127)

COC:eim *Isospora* sp.; intestines; R1 (1587)

Carlia vivax (De Vis, 1884) [brown-flecked *Carlia*]

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

Cryptoblepharus virgatus (Garman, 1901) [snake-eyed skink, cream-striped shining skink]

COC:eim *Eimeria jamescooki* Paperna, 2003; faeces, gut; R1 (1590)

COC:eim *Isospora cryptoblephari* Finkelman & Paperna, 1994; small intestine; R1 (366)

Ctenotus severus Storr, 1969 [comb-eared skink]

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 stokesii (Gray, 1845) [Gidgee skink]

HEM:hae *Hemolivia* sp.; blood; R5 (1429, 1430)
 HEM:hae *Plasmodium circularis* Telford & Stein, 2000; blood; R5 (1674)
 HEM:hae *Plasmodium mackerrasae* Telford, 1979; blood; R5 (1674)
 HEM:hae *Plasmodium* sp.; blood; R5 (1429)
 COC:eim *Schellackia* sp.; blood; R5 (1429)
 ZOO:tri *Trichomonas* sp.; NR; RU (1790)

Egernia striolata (Peters, 1870) [tree skink]

COC:ade *Haemogregarina cunninghami* Mackerras, 1961; blood; R1 (695)
 COC:ade *Haemogregarina egerniae* Mackerras, 1961; blood; R1 (695)
 COC:ade *Hepatozoon* sp.; blood; RU (1380)
 HEM:hae *Plasmodium mackerrasae* Telford, 1979; blood; R1 (1048, 1126, 1127)
 ZOO:kin *Trypanosoma egerniae* Mackerras, 1961; blood; R2 (695, 1128)

Egernia whitii (Lacepede, 1804) [White's skink]

COC:eim *Eimeria egerniae* Cannon, 1967; faeces, gall bladder; R4 (172)
 COC:eim *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) [pale-flecked garden sunskink]

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

Leiolopisma challengeri Bullinger, 1887 [orange-tailed shade skink]

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

Leiolopisma metallicum (O'Shaughnessy, 1874) [metallic skink]

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

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 quoyii*, *Hinulia quoyii*, = *Eulamprus quoyii*

COC:ade *Haemogregarina hinuliae* Johnston & Cleland, 1910; blood; R1, R2 (211, 212, 572, 577, 695, 1636)
 COC:ade *Haemogregarina* sp.; blood (PCR); R1 (1615)

Tiliqua gerrardii (Gray, 1845) [pink-tongued lizard] syn. *Cyclodomorphus gerrardii*

COC:ade *Hepatozoon* sp.; blood; R1 (1593)

Tiliqua multifasciata Sternfeld, 1919 [centralian blue-tongued skink, blue-tongued lizard]

COC:eim *Eimeria sternfeldi* McAllister *et al.*, 1993; faeces; zoo (USA) (737)

ZOO:tri *Trichomonas* sp.; NR; RU (1790)

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*

ZOO:kin *Bodo* sp.; rectum; R5 (586)

ZOO:ret *Copromonas* sp.; rectum; R5 (586)

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

LOB:amo *Endamoeba* sp.; rectum; R5 (586)

HEM:hae *Hemolivia mariae* Smallridge & Paperna, 1997; blood; R5 (1076, 1316, 1588, 1642, 1643, 1645, 1646, 1647)

SPI:cle *Nyctotherus trachysauri* Johnston, 1932; rectum; R5 (586)

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

ZOO:tri *Trichomonas* sp.; rectum; R5 (586)

Suborder SERPENTES [snakes]

Family: BOIDAE [pythons]

Aspidites melanocephalus (Krefft, 1864) [black-headed python]

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

COC:eim *Sarcocystis singaporensis* Zaman & Colley, 1975; faeces; RU (1861)

COC:eim *Sarcocystis villivillosi* Beaver & Maleckar, 1981; faeces; RU (1861)

Aspidites ramsayi (Macleay, 1882) [woma]

GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (+ PCR); R6 (1562)

GRE:cry *Cryptosporidium* sp.; faeces; R5, R6 (896, 898, 1790, 1846)

Bothrochilus childreni (Gray, 1842) [Children's python]

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

Bothrochilus fuscus (Peters, 1873) [water python] syn. *Liasis fuscus*

COC:ade *Haemogregarina fuscus* Lewis, 1913; blood, liver, lung; R8 (665, 695)

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

COC:ade *Hepatozoon* sp.; blood (+PCR); R8 (1689, 1722, 1723, 1724)

ZOO:tri *Trichomonas* sp.; NR; RU (1790)

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 (Schneider, 1801) [amethystine python] syn. *Python amethystinus*

- COC:ade *Haemogregarina amethystina* Johnston, 1909; blood; R1 (211, 566, 570, 572, 577, 581, 695)
 COC:ade *Haemogregarina pythonis* (Billet, 1895); blood; R1, 2 (695)
 COC:ade *Haemogregarina shattocki* Sambon & Seligmann, 1907; blood, liver, lung; RU (695, 1035)

Morelia spilotes (Lacepede, 1804) [carpet & diamond pythons] syn. *Morelia spilota*

- GRE:cry *Cryptosporidium* sp.; faeces; R5 (896, 898, 1790)
 COC:eim *Eimeria* sp.; faeces; R1 (899)
 LOB:ent *Entamoeba* sp.; faeces; R1 (899, 1790)
 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:ade *Hepatozoon* sp.; blood; R1 (1593)
 HEM:hae *Pirhemocytos* sp.; blood; R1 (695)
 COC:eim *Sarcocystis pythonis* Tiegs, 1931; muscle; RU (606, 1157)
 COC:eim *Sarcocystis rzepezykii* Duszynski & Upton, 2009; faeces; RU (1861)
 COC:eim *Sarcocystis* sp.; faeces, small intestines; R1, R4 (743, 899, 1033, 1790)
 HEM:hae Unidentified haemosporidian; blood; R4 (743)

Python reticulatus (Schneider, 1801) [reticulated python]

- COC:ade *Haemogregarina pythonis* (Billet, 1895); blood; R1, R2 (695)
 COC:eim *Sarcocystis singaporensis* Zaman & Colley, 1975; faeces; RU (1861)
 COC:eim *Sarcocystis villivillosi* Beaver & Maleckar, 1981; faeces; RU (1861)

Family: COLUBRIDAE [colubrid snakes]

Boiga irregularis (Merrem, 1802) [brown tree snake]

- COC:eim *Caryospora* sp.; faeces; R1 (1358)
 COC:ade *Haemogregarina* sp.; blood; R1 (899, 1358)
 COC:ade *Hepatozoon boigae* (Mackerras, 1961) Jakes *et al.*, 2003 syn. *Haemogregarina boigae*; blood; R1 (1476, 1479)
 COC:eim *Isospora* sp.; faeces; R1 (1358)
 COC:eim *Sarcocystis* sp.; faeces; R1 (1358)

Boiga fusca (Gray, 1842) [brown tree snake]

- COC:ade *Haemogregarina boigae* Mackerras, 1961; blood, liver, lung; R1 (695)
 COC:ade *Haemogregarina mirabilis* Castellani & Willey, 1904; blood, liver, lungs; R1 (695)
 COC:ade *Haemogregarina* sp.; blood; R1 (128, 581)

Dendrelaphis calligastra (Gunther, 1867) [northern tree snake]

- COC:ade *Haemogregarina calligaster* Lewis, 1913; blood; R8, R9 (665, 695)

Dendrelaphis punctulata (Gray, 1826) [common tree snake]

- COC:eim *Caryospora dendrelaphis* Cannon & Rzepezyk, 1974; faeces; R1 (173, 1206, 1861)
 COC:ade *Haemogregarina dendrophidius* Johnston & Cleland, 1910; blood; R1 (211, 212, 572, 577, 581, 695)

COC:ade *Hepatozoon* sp.; blood; R1 (1593)

Elaphe guttata (Linnaeus, 1766) [corn snake]

GRE:cry *Cryptosporidium* sp.; faeces; R2, zoo (Aust.) (125, 1207)

Elaphe obsoleta (Say, 1823) [rat snake]

GRE:cry *Cryptosporidium* sp.; faeces; R2, zoo (Aust.) (125, 1207)

Stegonotus cucullatus (Dumeril, Bibron & Dumeril, 1854) [slaty-grey snake]

COC:ade *Haemogregarina* sp.; blood; R1 (899, 1358)

COC:ade *Hepatozoon* sp.; blood; R1 (1476)

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

Stegonotus plumbeus (Macleay, 1884) [slaty grey snake]

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

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

Styporhynchus mairii (Gray, 1841) [keelback or freshwater snake] syn. *Amphiesma mairii*, *Tropidonophis mairii*

COC:ade *Haemogregarina mirabilis* Castellani & Willey, 1904; blood, liver, lungs; R1 (695)

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

Family: ELAPIDAE [elapid snakes]

Acanthophis antarticus (Shaw & Nodder, 1802) [common death adder]

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

GRE:cry *Cryptosporidium serpentis* Levine, 1980; faeces (+ PCR); R5 (1562, 1851)

GRE:cry *Cryptosporidium* sp.; faeces; R1, R5 (796, 896, 898, 899, 1790)

COC:eim *Eimeria* sp.; faeces, intestines; R1, R5 (743, 899)

COC:ade *Haemogregarina* sp.; blood; zoo (UK) (695, 1055)

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 Krefft, 1869 [white-crowned snake]

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

Demansia psammophis (Schlegel, 1837) [yellow-faced whip snake, spinifex snake]

COC:eim *Caryospora demansiae* Cannon, 1967; faeces, intestine; R1 (170, 1206, 1861)

COC:ade *Haemogregarina* sp.; blood; R8 (211, 212, 572, 577, 695)

Denisonia pallidiceps (Gunther, 1858) [little black snake]

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

Denisonia signata (Jan, 1859) [marsh snake]

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

Holocephalus stephensii Krefft, 1869 [Stephen's banded snake]COC:eim *Eimeria* sp.; faeces; R1 (899)***Notechis ater*** (Krefft, 1866) [black tiger snake]GRE:cry *Cryptosporidium* sp.; stomach, faeces; R2, zoo (Aust.) (177, 896, 898, 1790)COC:eim *Eimeria* sp.; faeces; R1 (899)COC:eim *Sarcocystis murinotechis* Munday & Mason, 1980; intestine; RU (836, 1790, 1861)COC:eim *Sarcocystis* sp.; intestines; RU (833)***Notechis scutatus*** (Peters, 1861) [eastern or mainland tiger snake]GRE:cry *Cryptosporidium serpentis* Levine, 1980; faeces (+ PCR); R2, R5 (1562)GRE:cry *Cryptosporidium* sp.; stomach, faeces; R2, zoo (Aust.) (177, 1790)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)***Oxyuranus microlepidotus*** (McCoy, 1879) [inland taipan]GRE:cry *Cryptosporidium* sp.; faeces; R5 (896, 898, 1790)COC:eim *Eimeria* sp.; faeces; R1 (899)***Oxyuranus scutellatus*** (Peters, 1867) [taipan]GRE:cry *Cryptosporidium muris* Tyzzer, 1907; faeces (+ PCR); R5 (1846)GRE:cry *Cryptosporidium serpentis* Levine, 1980; faeces (+ PCR); R5 (1562, 1716)GRE:cry *Cryptosporidium* sp.; faeces; R5, zoo (Aust.) (125, 796, 1207, 1790)ZOO:tri *Trichomonas* sp.; faeces; zoo (Aust.) (125, 1790)***Pseudechis australis*** (Gray, 1842) [mulga or king brown snake]GRE:cry *Cryptosporidium muris* Tyzzer, 1907; faeces (+ PCR); R6 (1562)GRE:cry *Cryptosporidium* sp.; faeces; R5 (898, 1790)COC:eim *Eimeria* sp.; faeces; R1 (899)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 *Sarcocystis* sp.; faeces; R1 (899)***Pseudechis guttatus*** De Vis, 1905 [spotted black snake]GRE:cry *Cryptosporidium* sp.; faeces; R5 (896, 898, 1790)COC:ade *Haemogregarina bancrofti* Johnston & Cleland, 1912; blood; R1 (575, 695)COC:ade *Haemogregarina shattocki* Sambon & Seligmann, 1907; blood, liver, lung; RU (695)***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]GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; faeces (+ PCR); R6 (1562)GRE:cry *Cryptosporidium* sp.; faeces, stomach; R2, R5 (743, 746, 1207, 1790)

COC:eim *Eimeria* sp.; faeces; R1 (899)
 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 *Sarcocystis* sp.; intestines; R5 (743)

Pseudonaja affinis Gunther, 1872 [dugite]

GRE:cry *Cryptosporidium* sp.; faeces; R5 (896, 898, 1790)

Pseudonaja nuchalis Gunther, 1858 [western brown snake or gwardar]

GRE:cry *Cryptosporidium* sp.; faeces; R5 (896, 898, 1790)

COC:eim *Eimeria* sp.; intestines; R5 (743)

Pseudonaja textilis (Dumeril, Bibron & Dumeril, 1854) [eastern brown snake] syn. *Diemenia textilis*

GRE:cry *Cryptosporidium* sp.; faeces, R5 (896, 898)

ZOO:kin *Trypanosoma* sp.; blood; R1 (211, 572, 577, 581, 695)

Tropidechis carninatus (Krefft, 1863) [rough-scaled snake]

GRE:cry *Cryptosporidium* sp.; faeces; R5 (898, 1790)

Family: VIPERIDAE [vipers]

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

GRE:cry *Cryptosporidium* sp.; faeces; R2, zoo (Aust.) (125, 1207)

Class: AMPHIBIA [amphibians]

Order: SALIENTIA [frogs]

Family: MYOBATRACHIDAE [southern frogs]

Adelotus brevis (Gunther, 1863) [tusked frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

OPA:opa *Zelleriella hoytei* Delvinquier, 1987; intestines; R1 (275, 279)

Assa darlingtoni (Loveridge, 1933) [pouched frog]

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

Crinia signifera (Girard, 1853) [eastern common froglet]

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]

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

Limnodynastes dorsalis (Gray, 1841) [western banjo frog or pobblebonk]

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:ret *Copromonas subtilis* Dobell, 1908; gut; R1 (978)
 LOB:amo *Entamoeba morula* Raff, 1911; large intestine (tadpoles); RU (979)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 SPI:cle *Nyctotherus cordiformis* Ehrenberg, 1833; intestines; R2 (979)
 SPI:cle *Nyctotherus* sp.; gut; R2 (209)
 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)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; 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)
 OPA:opa *Zelleriella binucleata* (Raff, 1911); intestines; RU (275, 768, 978)
 OPA:opa *Zelleriella devincki* Delvinquier, 1987; intestines; RU (275, 279)

Limnodynastes dumerilii Peters, 1863 [eastern banjo frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; brain (+ PCR); R1 (1912)
 OPA:opa *Protoopalina acuta* (Raff, 1912); intestines; RU (279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina dorsalis* (Raff, 1912); intestines; RU (275, 279)
 OPA:opa *Protoopalina jonesi* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina* sp.; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 OPA:opa *Zelleriella binucleata* (Raff, 1911); intestines; RU (275, 279, 978)
 OPA:opa *Zelleriella vivieri* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Zelleriella* sp.; intestines; RU (275, 279)

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

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina waterloti* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:kin *Trypanosoma clelandi* Johnston, 1916; blood; R1 (211, 212, 581, 696)

ZOO:kin *Trypanosoma* sp.; blood; R1 (209)

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

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface of tadpoles (exptl. infection); R1 (1427)

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

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274, 1907)

MYX:biv *Cystodiscus australis* Hartigan *et al.*, 2012; gall bladder, liver, brain (+ PCR); R1 (1911)

MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; gall bladder, liver, brain (+ PCR); R1 (1910, 1911)

MYX:biv *Cystodiscus* sp.; gall bladder, liver; R1, R2 (1881, 1910)

MYX:biv *Myxidium* sp.; gall bladder, brain (adults), bile ducts (tadpoles) (+ PCR); R2 (1908)

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

SPI:cle *Nyctotherus* sp.; gut; R2 (209)

OPA:opa *Opalina* sp.; intestine; R2 (209)

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

OPA:opa *Protoopalina dorsalis* (Raff, 1912); intestines; RU (275, 279, 768)

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

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

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

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

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

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* Delvinquier, 1987; intestines; RU (275, 279, 1385)

OPA:opa *Zelleriella vivieri* Delvinquier, 1987; intestines; RU (275, 279)

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

Limnodynastes salmini Steindachner, 1867 [salmon-striped frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

Limnodynastes tasmaniensis Gunther, 1858 [spotted grass frog]

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

GRE:cry *Cryptosporidium* sp.; faeces; R5 (896, 898, 1790)

LOB:amo *Entamoeba morula* Raff, 1911; intestines (tadpoles); RU (979)

COC:eim *Goussia* sp.; NR; RU (1790)

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

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

SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; RU (1383)

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

SPI:cle *Nyctotherus* sp.; intestines; RU (979)

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)

ZOO:dip *Spironucleus elegans* Lavier, 1936; 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)
 ZOO:kin *Trypanosoma clelandi* Johnston, 1916; blood; R1, R5 (211, 212, 214, 581, 696)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (209)
 PHY:eug Unidentified euglenids; intestines; RU (979)
 OPA:opa *Zelleriella binucleata* (Raff, 1911); intestines; RU (275, 279, 768, 978)
 OPA:opa *Zelleriella camusi* Delvinquier, 1987; intestines; RU (275, 279, 1385)
 OPA:opa *Zelleriella devincki* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Zelleriella* sp.; intestines (tadpoles); RU (275, 279)

Limnodynastes terraereginae Fry, 1915 [northern banjo frog]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 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)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 OPA:opa *Zelleriella devincki* Delvinquier, 1987; intestines; RU (275, 279)

Mixophyes fasciolatus Gunther, 1864 [great barred frog]

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina* sp.; intestines (tadpoles); R1 (275, 279)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 OPA:opa *Zelleriella hoytei* Delvinquier, 1987; intestines (tadpoles); R1 (275, 279)

Mixophyes fleayi Corben & Ingram, 1987 [barred frog]

ZOO:kin *Trypanosoma* sp.; blood (PCR); R2 (1450, 1818)

Mixophyes iteratus Straughan, 1968 [giant barred frog]

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

Mixophyes schevilli Loveridge, 1933 [northern barred frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Neobatrachus centralis (Parker, 1940) [trilling frog]

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Neobatrachus pelobatoides (Werner, 1914) [humming frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina jonesi* Delvinquier, 1987; intestines; RU (275, 279)

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

Neobatrachus pictus Peters, 1863 [painted burrowing frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 ZOO:dip *Spironucleus 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 *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Ranidella bilingua (Martin *et al.*, 1980) [bilingual froglet]

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina tenuis* (Raff, 1911); intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Ranidella insignifera (Moore, 1954) [western sign-bearing froglet]

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

Ranidella parinsignifera (Main, 1957) [eastern sign-bearing froglet]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina tenuis* (Raff, 1911); intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Ranidella signifera Girard, 1853 [common eastern toadlet]

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina tenuis* (Raff, 1911); intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Ranidella tasmaniensis (Gunther, 1864) [Tasmanian froglet]

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

Taudactylus rheophilus Liem & Hosmer, 1973 [tinkling frog]

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

Uperoleia laevigata Keferstein, 1867 [smooth toadlet]

- ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Uperoleia marmorata Gray, 1841 [marbled toadlet]

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

Family: HYLIDAE [tree frogs]

Cyclorana brevipes (Peters, 1871) [short-footed frog]

- SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines RU (276)

Cyclorana novaehollandiae Steindachner, 1867 [New Holland frog]

- SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

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

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

Litoria alboguttata (Gunther, 1867) [striped burrowing frog]

- SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

Litoria aurea (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*

- LOB:amo *Entamoeba morula* Raff, 1911; intestines (adults & tadpoles); RU, R2 (979)
 ZOO:ret *Copromonas subtilis* Dobell, 1908; gut; R1 (978)
 MYX:biv *Cystodiscus australis* Hartigan *et al.*, 2012; gall bladder, liver, brain (+ PCR); R1 (1911)
 MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; liver, gall bladder, brain (+ PCR); R1 (1910, 1911)
 MYX:biv *Cystodiscus* sp.; gall bladder, liver; R1 (1910)
 MYX:biv *Myxobolus hylae* Johnston & Bancroft, 1918; genitals; R2 (582, 1880)
 MYX:biv *Myxidium immersum*; gallbladder; R2 (1907)
 MYX:biv *Myxidium* sp.; bile ducts, liver, brain, spinal cord (tadpoles and adults)(+ PCR); R2 (1908)
 MYX:biv *Myxobolus* sp.; genitals; R2 (209, 212, 561, 1880)
 MYX:biv *Myxosporidium* sp.; NR; RU (464)
 SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; RU (1383)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 SPI:cle *Nyctotherus cordiformis* Ehrenberg, 1833; intestines; RU, R2 (978, 1658)
 SPI:cle *Nyctotherus* sp.; intestines; R2 (209, 212)
 OPA:opa *Opalina* sp.; rectum, intestine; R2 (209, 212, 491)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279, 768)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279, 768, 978)

- OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (279, 978)
 OPA:opa *Protoopalina* sp.; intestines; RU (279)
 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 booroolongensis (Moore, 1961) [Booroolong frog]

- MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; liver, gall bladder, brain; R1 (1880, 1910)
 MYX:biv *Cystodiscus* sp.; bile ducts; R1 (1910)

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

- LOB:amo *Amoeba* sp.; gut; R1 (581)
 LIT:ves *Balantidium* sp.; colon; R1 (581, 899)
 ZOO:dip *Giardia agilis* Kunstler, 1882; intestines; RU (276)
 COC:ade *Haemogregarina hylae* Cleland & Johnston, 1910 [= *Lankesterella hylae*]; blood, liver; R1, R2 (209, 211, 212, 214, 581, 696, 1091, 1092, 1384)
 COC:ade *Haemogregarina* sp.; blood; R1 (1384)
 COC:eim *Hoarella/Octosporella* sp.; faeces; R1 (899)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274, 1907)
 MYX:biv *Myxidium* sp.; bile ducts, gall bladder; R1 (479, 1790)
 MYX:biv *Myxobolus* sp.; LU; RU (1880)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 SPI:cle *Nyctotherus* sp.; colon; R1, R2 (209, 212, 581, 900)
 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)
 ZOO:ret *Retortamonas dobelli* (Bishop, 1931); intestines; RU (276)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:tri *Trichomastix* sp.; gut; R1 (581)

Litoria castanea (Steindachner, 1867) [yellow-spotted tree frog, yellow-spotted bell frog]

- MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; liver, gall bladder, brain (+ PCR); R1 (1880, 1910, 1912)

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

- ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina queenslandensis* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (1382)

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

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

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

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

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

Litoria dahlü (Boulenger, 1896) [Dahl's aquatic frog]

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

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

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

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

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

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

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

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

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

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

Litoria dorsalis Macleay, 1877 [dwarf rocket frog]

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

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

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

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

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

SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; RU (1383)

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

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

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

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

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)

ZOO:pro *Karotomorpha bufonis* (Dobell, 1908) Grasse, 1926; intestines; RU (276)

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

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

MYX:biv *Myxobolus fallax* Browne *et al.*, 2002; testes; R2 (1324, 1880, 1905)

MYX:biv *Myxobolus* sp.; LU; RU (1880)

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

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

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

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

OPA:opa *Protoopalina singeri* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (1382)

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

MYX:biv *Cystodiscus australis* Hartigan *et al.*, 2012; faeces (+ PCR); R1 (1909)
 MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; faeces (+ PCR); R1 (1909)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria inermis (Peters, 1867) [floodplain frog]

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; R8 (1383)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279, 943)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

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

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

Litoria latopalmata Gunther, 1867 [broad-palmed frog]

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria lesueuri (Dumeril & Bibron, 1841) [Lesueur's frog] syn. *Hyla lesueuri*

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 LOB:amo *Entamoeba morula* Raff, 1911; intestines; R2 (979)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274)
 MYX:biv *Myxobolus* sp.; LU; RU (1880)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (209, 581, 696)

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

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)

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

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

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

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1, R2 (274)
 MYX:biv *Cystodiscus* sp.; gall bladder; R2 (1881)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 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* Delvignier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (47, 209, 581, 696)

Litoria nigrofrenta (Gunther, 1867) [bridled frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 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 [Nyakala frog]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina adelaidensis* Metcalf, 1923; intestines; R1 (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; R1 (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (1382)

Litoria pallida Davis *et al.*, 1983 [pale frog]

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides raffae* Delvignier, 1988; intestines; RU (1383)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 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* Delvignier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

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

Litoria pearsoniana (Copland, 1961) [Pearson's tree frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

Litoria peronii (Tschudi, 1838) [Peron's tree frog] syn. *Hyla peronii*

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

LOB:amo *Entamoeba morula* Raff, 1911; intestines; RU (979)

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

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

MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; liver, brain (+ PCR); R1 (1910, 1911)

MYX:biv *Cystodiscus* sp.; liver; R1 (1910)

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

MYX:biv *Myxidium* sp.; gall bladder, brain (+ PCR); R2 (1908)

MYX:biv *Myxobolus* sp.; NR; RU (1790, 1880)

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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* Delvinquier, 1987; intestines; RU (275, 279)

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

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

ZOO:dip *Spironucleus elegans* Lavier, 1936; 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:kin *Trypanosoma* sp.; blood; R1 (1382)

Litoria raniformis (Keferstein, 1867) [growling grass frog, southern bell frog]

MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; liver, gall bladder, brain (+ PCR); R1 (1880, 1910, 1911)

MYX:biv *Cystodiscus* sp.; gall bladder, R1 (1910)

MYX:biv *Myxobolus* sp.; LU; RU, R2 (1880, 1906)

MYX:biv *Myxidium* sp.; brain, spinal cord (+ PCR); R2 (1908)

SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; RU (1383)

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

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

Litoria revelata Ingram *et al.*, 1982 [whirring tree frog]

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

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

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

Litoria rheocola Liem, 1974 [creek frog]

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

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)

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

Litoria rothii (De Vis, 1884) [Roth's tree frog]

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:pro *Karotomorpha bufonis* (Dobell, 1908); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; RU (1383)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina queenslandensis* Delvinquier, 1987; intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria rubella (Gray, 1842) [desert tree frog]

ZOO:ret *Chilomastix caulleryi* (Alexeieff, 1909); intestines; RU (276)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; RU (1383)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 SPI:cle *Nyctotherus* sp.; faeces; R1, R9 (899, 900)
 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)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria serrata (Andersson, 1916) [fringed tree frog] syn. *L. eucnemis*

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

Litoria tornieri (Nieden, 1923) [Tornier's frog]

ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); intestines; RU (276)
 SPI:cle *Nyctotheroides raffae* Delvinquier, 1988; intestines; RU (1383)
 SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 OPA:opa *Protoopalina acuta* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; RU (275, 279)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU (275, 279)
 OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)

Litoria tyleri Martin *et al.*, 1979 [Tyler's tree frog]

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

SPI:cle *Nyctotheroides* sp.; intestines; RU (1383)
 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) [Verreaux's tree frog]

MYX:biv *Myxidium immersum* (Lutz, 1889); gall bladder; R1 (274)
 OPA:opa *Protoopalina tronchini* Delvinquier, 1987; intestines; RU (275)
 OPA:opa *Protoopalina* sp.; intestines; RU (279)
 ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)

Litoria wilcoxi Gunther, 1864 [stony creek frog]

MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; brain (+ PCR); R1 (1912)

Nyctimystes dayi (Günther, 1897) [Day's frog]

ZOO:dip *Spironucleus elegans* Lavier, 1936; intestines; RU (276)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (1382)

Family: MICROHYLIDAE [narrow-mouthed toads]

Cophixalus ornatus (Fry, 1912) [ornate nursery frog]

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

Sphenophryne robusta (Fry, 1912) [Fry's frog, robust frog] = *Austrochaperina robusta*, =
Austrochaperina fryi

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

Family: RANIDAE ['true' frogs]

Rana daemeli (Steindachner, 1868) [wood frog]

SPI:cle *Nyctotheroides* sp.; intestines; R1 (1383)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); intestines; RU (276)
 SPI:cle Unidentified sicuophorid ciliate; intestines; R1 (1383)

Family: BUFONIDAE ['true' toads]

Bufo marinus (Linnaeus, 1758) [marine or cane toad] syn. *Rhinella marina*

COC:eim *Isospora* sp.; large intestine; RU (1087)
 LOB:amo *Hyalodaktylethra renacuajo* (Frenzel, 1892); cloaca (adults & tadpoles), R1, R9 (277, 1087, 1837)
 LOB:amo *Saccamoeba* sp.; intestines; R1 (384)
 MYX:biv *Myxidium immersum* (Lutz, 1889), syn. *Cystodiscus immersus* Lutz, 1889; gall bladder; R1, R2 (274, 277, 1087, 1837, 1880, 1907)
 MYX:biv *Cystodiscus australis* Hartigan *et al.*, 2012; gall bladder, brain (+ PCR); R1 (1880, 1911)
 MYX:biv *Cystodiscus axonis* Hartigan *et al.*, 2012; gall bladder, liver, brain (+ PCR); R1 (1880, 1910, 1911)
 MYX:biv *Cystodiscus* sp.; gall bladder; R1 (1910)
 OPA:opa *Protoopalina australis* Metcalf, 1923; intestines; R1, R9, RU (275, 277, 279, 1087)
 OPA:opa *Protoopalina hylarum* (Raff, 1911); intestines; RU, R1, R9 (275, 277, 279, 1087)

OPA:opa *Protoopalina raffae* Delvinquier, 1987; intestines; RU (275, 277, 279, 1087)
 OPA:opa *Protoopalina* sp.; intestines; R1 (384, 1087)
 OLI:mob *Trichodina* sp.; skin (tadpoles), intestines; R1 (277, 1087)
 OPA:opa *Zelleriella antilliensis* (Metcalf, 1914); cloaca; R1, R9 (275, 277, 278, 279, 1087, 1837)
 OPA:opa *Zelleriella* sp.; intestines; R1 (277, 384, 1087)
 SPI:cle *Nyctotheroides* sp.; intestines; R1 (277, 384, 1087, 1383)
 ZOO:dip *Giardia agilis* Kunstler, 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:ret *Chilomastix caulleryi* (Alexeieff, 1909); cloaca; R1, R9 (276, 277, 1087)
 ZOO:ret *Retortamonas dobelli* (Bishop, 1931); cloaca; R1 (276, 277, 1087)
 ZOO:tri *Trichomitus batrachorum* (Perty, 1852); cloaca; R1, R9 (276, 277, 1087, 1837)
 ZOO:tri *Trichomonas* sp.; intestines; R1 (384)
 ZOO:tri *Monocercomonas batrachorum* (Dobell, 1908); cloaca; R1, R9 (276, 277, 1087)

Family: PIPIDAE

Xenopus laevis (Daudin, 1803) [African clawed frog]

OPA:opa *Protoopalina australis* Metcalf, 1923; intestines (exptl. infection), RU (275)
 OPA:opa *Zelleriella antilliensis* (Metcalf, 1914); intestines (exptl. infection), R1 (278)

Class: AVES

Order: STRUTHIONIFORMES

Family: DROMAIIDAE [emus]

Dromaius novaehollandiae (Latham, 1790) [emu]

COC:eim *Eimeria* sp.; gut; RU (1106, 1790)
 ZOO:dip *Giardia* sp.; gut; RU (1106)
 ZOO:tri *Trichomonas* sp.; gut; RU (1106)

Family: CASUARIIDAE [cassowaries, emus]

Casuarius casuarius (Linnaeus, 1758) [southern cassowary]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, antibodies (MAT); RU, zoo (USA) (1106, 1585, 1790)

Family: STRUTHIONIDAE [ostriches]

Struthio camelus Linnaeus, 1758 [ostrich]

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

Order: PROCELLARIIFORMES [tube-nosed seabirds]

Family: PROCELLARIIDAE [fulmars, petrels & allies]

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

COC:eim *Eimeria serventyi* Pellerdy, 1974; kidney; R3 (167, 446, 808, 1790)

Order: SPHENISCIFORMES [penguins]

Family: SPHENISCIDAE [penguins]

Eudyptula minor (Forster, 1781) [little penguin]

HEM:pir *Babesia* sp.; blood; R1, R2 (899, 1484, 1790)

COC:eim *Toxoplasma* sp.; NR; RU (1396, 1790)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); liver, spleen; R3 (1535)

ZOO:kin *Trypanosoma eudyptulae* Jones & Woehler, 1989; blood; R3 (596, 1790)

COC:eim Unidentified coccidia; kidney, intestines; RU, R2 (31, 904, 990, 1453, 1790)

Order: PODICIPEDIFORMES [grebes, dabchicks]

Family: PODICIPEDIDAE [grebes]

Poliiocephalus poliocephalus (Jardine & Selby, 1827) [hoary-headed grebe]

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

Order: PELECANIFORMES [cormorants, pelicans & allies]

Family: PHALACROCORACIDAE [cormorants & shags]

Phalacrocorax carbo (Linnaeus, 1758) [great cormorant]

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

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

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

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

ZOO:kin *Trypanosoma* sp.; blood; R1 (1280)

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

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

Phalacrocorax varius (Gmelin, 1879) [pied cormorant]

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

Family: ANHINGIDAE [darters]

Anhinga rufa (Daudin, 1802) [darter]

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

Family: SULIDAE [gannets & boobies]

Morus serrator (Gray, 1843) [Australasian gannet]

COC:eim *Eimeria* sp.; kidney; RU (1790)

Family: PELECANIDAE [pelicans]

Pelecanus conspicillatus Temminck, 1824 [Australian pelican]

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

Order: CICONIIFORMES

Family: ARDEIDAE [herons & bitterns]

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

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

HEM:hae *Leucocytozoon ardea* Rodhain, Pons, Vandenbranden & Bequaert, 1913; blood; R1 (1280)

ZOO:kin *Trypanosoma notophoxyxis* 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 notophoxyxis* Breinl, 1913; blood; R9 (694)

Nycticorax caledonicus (Gmelin, 1789) [rufous night heron]

HEM:Hae *Haemoproteus mathislegeri* Levine & Campbell, 1971; blood; R1 (1280)

HEM:hae *Leucocytozoon* sp.; heart endothelia; R2 (989)

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

Family: THRESKIORNITHIDAE [ibises & spoonbills]

Platalea flavipes Gould, 1838 [yellow-billed spoonbill]

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

Threskiornis molucca Cuvier, 1829 [white ibis]

HEM:hae *Haemoproteus pelouroi* Tendeiro, 1947; blood; R1 (1280)

HEM:hae *Haemoproteus* sp.; blood; R1 (899, 1790)

HEM:hae *Leucocytozoon ibisi* Adlard, Peirce & Lederer, 2002; blood; R1 (1279)

HEM:hae *Leucocytozoon* sp.; blood; R1 (1280)

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

ZOO:dip *Giardia* sp.; intestines; R6 (380, 751, 752, 1790)

Order: FALCONIFORMES [day-active birds of prey]

Family: ACCIPITRIDAE [kites, hawks & eagles]

Accipiter fasciatus (Vigors & Horsfield, 1827) [brown goshawk]

COC:eim *Sarcocystis* sp.; muscle; RU (446, 833, 1790)

ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989)

Aquila audax (Latham, 1801) [wedge-tailed eagle]

HEM:hae *Haemoproteus nisi* Peirce & Marquiss, 1983; blood; R1 (1280)

Elanus notatus Gould, 1838 [black-shouldered kite]

COC:eim *Sarcocystis* sp.; muscle; RU (446, 833, 1790)

Haliastur girrenera Vieillot, 1817 [white-headed sea-eagle] syn. *H. leucosternus*

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

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

Haliastur indus (Boddaert, 1783) [Brahminy kite]

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

Pandion haliaetus (Linnaeus, 1758) [osprey]

COC:eim *Eimeria* sp.; faeces; R1 (899, 1790)

Family: FALCONIDAE [falcons]

Falco berigora Vigors & Horsfield, 1827 [brown falcon]

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

COC:eim *Sarcocystis/Frenkelia* sp.; intestines; RU (833, 1790)

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

HEM:hae *Haemoproteus* sp.; blood; R1 (899, 1790)

HEM:hae *Leucocytozoon* sp.; blood, brain, kidney, lung, liver, heart; R6 (1616)

UNC:sta Unidentified apicomplexan (*Leucocytozoon?*); brain, eye, kidney, lung, liver; R6 (1617)

Falco hypoleucus Gould, 1840 [grey falcon]

HEM:hae *Plasmodium* sp.; blood; R1 (128, 215, 217, 446, 581, 694, 1790)

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

Falco peregrinus Tunstall, 1771 [Peregrine falcon]

COC:eim *Toxoplasma* sp.; NR; RU (1790)

UNC:sta Unidentified apicomplexan (*Leucocytozoon?*); brain, eye, lung, kidney; R6 (1617)

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

Family: ANSERANATIDAE [magpie geese]

Anseranus semipalmata (Latham, 1798) [magpie goose]

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

Family: ANATIDAE [geese, swans & ducks]

Anser anser domesticus Linnaeus 1758 [domestic goose]

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

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)

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

HEM:hae *Haemoproteus nettionis* (Johnston & Cleland, 1909); blood; R2 (74, 208, 211, 217, 568, 570, 571, 578, 579, 694, 1371, 1693)

Anas gibberifrons Muller, 1842 [grey teal]

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

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

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

Anas gracilis Buller, 1869 [grey teal]

UNC:sta Unidentified ciliates; faeces (culture); R2 (1800)

Anas platyrhynchos Linnaeus, 1758 [mallard, domestic duck]

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

GRE:cry *Cryptosporidium* sp.; trachea, nasal cavity, bursa, conjunctiva; R3, R5 (801, 889, 896, 898, 1534)

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

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

Anas rubripes (Brewster, 1902) [American black duck]

GRE:cry *Cryptosporidium* sp.; NR; R6 (1334)

Anas superciliosa Gmelin, 1789 [Pacific black duck]

GRE:cry *Cryptosporidium* sp.; intestines (PCR); R2 (1560, 1790)

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

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

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

Biziura lobata (Shaw, 1796) [musk duck]

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

Chenonetta jubata (Latham, 1801) [maned duck]

ZOO:dip *Giardia* sp.; faeces (IMS); R2 (1764)

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

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

COC:eim *Eimeria* sp.; kidney; RU (1790)

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

UNC:sta Unidentified ciliates; faeces (culture); R2 (1800)

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

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

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

Casarca tadornoides

COC:eim *Eimeria* sp.; kidney; RU (1790)

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

Order: GALLIFORMES [megapodes, quails, pheasants & allies]

Family: MEGAPODIDAE [mound builders]

Alectura lathamii Gray, 1831 [Australian brush turkey]

HEM:hae *Haemoproteus megapodius* Nandi & Mandal, 1980; blood; R1 (1280)

HEM:hae *Haemoproteus* sp.; blood; R1 (210, 216, 217, 579, 581, 694, 1371, 1790)

Family: PHASIANIDAE [quails & allies]

Alectoris chukar Gray, 1830 [chukar partridge]COC:eim *Eimeria adenoides* Moore & Brown, 1951; gut; R2 (989)ZOO:dip *Hexamita* sp.; gut; RU (446, 1052)ZOO:tri *Histomonas* sp.; NR; RU (801)***Coturnix australis*** (Latham, 1801) [brown quail]GRE:cry *Cryptosporidium* sp.; NR; RU (1790)***Coturnix chinensis*** (Linnaeus, 1766) [king quail]GRE:cry *Cryptosporidium* sp.; NR; RU (1790)***Coturnix coturnix*** Linnaeus, 1758 [common quail]GRE:cry *Cryptosporidium* sp.; trachea, nasal cavity, bursa; R2, R5 (167, 673, 801, 889, 989, 1138)ZOO:dip *Hexamita* sp.; gut; RU (446, 1052)***Coturnix*** (unidentified species)ZOO:tri *Histomonas* sp.; NR; RU (990)

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

Gallus gallus Linnaeus, 1758 [domestic chicken]UNC:sta *Blastocystis* sp.; faeces; R1 (119, 185, 1100)GRE:cry *Cryptosporidium* sp.; bursa, trachea, faeces (exptl. infection); RU, R5 (801, 889, 1177)COC:eim *Eimeria acervulina* Tyzzer, 1929; intestines, faeces (+ PCR); R1, R2 (17, 167, 431, 601, 786, 801, 869, 870, 1059, 1060, 1521, 1714, 1749, 1781, 1878)COC:eim *Eimeria brunetti* Levine, 1942; intestines, faeces (+ PCR); RU, R1, R2 (167, 431, 601, 801, 870, 1060, 1521, 1714, 1749, 1878)COC:eim *Eimeria maxima* Tyzzer, 1929; intestines, faeces (+ PCR); RU, R1, R2 (167, 431, 454, 601, 801, 870, 1059, 1060, 1521, 1711, 1712, 1714, 1749, 1781, 1878)COC:eim *Eimeria mitis* Tyzzer, 1929; intestines, faeces (+ PCR); RU, R1 (452, 601, 1060, 1521, 1749, 1878)COC:eim *Eimeria mivati* Edgar & Seibold, 1964; intestines, faeces (+PCR); RU, R2 (801, 1060)COC:eim *Eimeria necatrix* Johnson, 1930; intestines, faeces (+ PCR); RU, R1, R2, R5, R6 (167, 431, 451, 452, 454, 511, 601, 801, 869, 870, 1059, 1060, 1521, 1714, 1749, 1878)COC:eim *Eimeria praecox* Johnson, 1930; faeces, intestines (+ PCR); R1, R2 (601, 801, 1521, 1714, 1749, 1878)COC:eim *Eimeria tenella* (Railliet & Lucet, 1891); caeca, intestines, faeces (+ PCR); R1, R2, R3, R6 (17, 25, 26, 27, 76, 167, 431, 451, 452, 454, 511, 601, 801, 804, 869, 870, 1059, 1060, 1482, 1521, 1714, 1749, 1781, 1878)COC:eim *Eimeria* sp.; faeces (+ PCR); RU, R2 (422, 1878)ZOO:tri *Histomonas meleagridis* (Smith, 1895); caeca, liver; R1, R2, R3, R5 (167, 191, 450, 454, 801, 980, 1059, 1005, 1060)COC:eim *Sarcocystis* sp.; skeletal muscles; R3 (167, 446, 754, 801, 823)ZOO:tri *Tetratrichomonas gallinarum* (Martin & Robertson, 1911); intestines; R2 (167, 801, 1059)COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); muscle; RU (167, 801)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); NR; RU (801)***Meleagris gallopavo*** Linnaeus, 1758 [domestic turkey]COC:eim *Eimeria gallopavonis* Hawkins, 1952; intestines; RU (167, 801)ZOO:tri *Histomonas meleagridis* (Smith, 1895); intestines, liver; RU, R2, R3, R4, R5 (73, 167, 191,

570, 801, 1059, 1060)

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

Pavo cristatus Linnaeus, 1758 [peafowl, peacock]

GRE:cry *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]

GRE:cry *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)

Syonicus australis (Latham, 1801) [brown quail] syn. *Coturnix australis* (Latham, 1801)

GRE:cry *Cryptosporidium baileyi* Current *et al.*, 1986; NR (PCR); R2 (1560, 1852, 1856)

Order: GRUIFORMES [button quails, cranes, bustards & allies]

Family: RALLIDAE [rails & allies]

Fulica atra Linnaeus, 1758 [Eurasian coot]

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

UNC:sta Unidentified ciliates; faeces (culture); R2 (1800)

Gallinula mortierii (Dubois, 1840) [Tasmanian native hen] syn. *Tribonyx mortierii*

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

Gallinula tenebrosa Gould, 1846 [dusky moorhen]

HEM:hae *Haemoproteus* sp.; blood; R1 (1280)

Porphyrio porphyrio (Linnaeus, 1758) [purple swamphen]

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

Rallus philippensis Linnaeus, 1766 [buff banded rail]

COC:eim *Eimeria* sp.; faeces; R1 (899, 1790)

Family: OTIDAE [bustards]

Ardeotis australis (Gray, 1829) [plain turkey] = *Eupodotis australis*

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

Order: CHADRIIFORMES [plovers, waders, gulls & auks]

Family: BURHINIDAE [stone curlews]

Burhinus grallarius (Latham, 1801) [bush stone-curlew, bush thick-knee] syn. *B. magnirostris*

HEM:hae *Haemoproteus burhini* Bennett, Earle & Squires-Parsons, 1995; blood; R1 (1280)

Family: LARIDAE [gulls, terns & skuas]

Catharacta lonnbergi Mathews, 1912 [skua]HEM:hae *Plasmodium* sp.; blood, liver; R2 (1454, 1790)COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)***Larus novaehollandiae*** Stephens, 1826 [silver gull]HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); blood; R2 (643)HEM:hae *Plasmodium* sp.; blood; R2 (446, 694, 1790)COC:eim *Sarcocystis* sp.; muscle; RU (833)***Larus pacificus*** Latham, 1801 [Pacific gull]COC:eim *Sarcocystis* sp.; muscle; RU (833)***Sterna bergii*** Lichtenstein, 1823 [crested tern]HEM:hae *Plasmodium* sp.; blood; R1 (1280)

Order: COLUMBIFORMES [pigeons, doves & allies]

Family: COLUMBIDAE [pigeons & doves]

Columba livia Gmelin, 1789 [domestic pigeon, feral pigeon]COC:eim *Eimeria labbeana* Pinto, 1928; intestines; RU, R2 (167, 516, 801)COC:eim *Eimeria* sp.; intestines, faeces; RU, R1 (899, 990, 1052)HEM:hae *Haemoproteus columbae* Kruse, 1890; blood, lung; R1, R6 (694, 1280, 1517, 1596)HEM:hae *Haemoproteus* sp.; blood; R1 (899)ZOO:dip *Hexamita* sp.; ileum, caecum, rectum; R2 (446, 447, 989, 1052)HEM:hae *Leucocytozoon* sp.; blood; R1 (1280)COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR; RU (167)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 *Tritrichomonas eberthi* (Martin & Robertson, 1911); mouth, larynx; RU (167, 430)***Columba leucomela*** Temminck, 1821 [white-headed pigeon]

HEM:hae Unidentified haemosporidian; blood; R1 (1280)

Ducula spilorrhoea Gray, 1858 [Torres Strait pigeon]COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung, spleen, brain; R4, R6 (463, 1396, 1790)***Geopelia humeralis*** (Temminck, 1821) [bar-shouldered dove]HEM:hae *Leucocytozoon* sp.; liver, heart, kidney; R2 (989, 1790)***Leucosarcia melanoleuca*** (Latham, 1801) [wonga pigeon]HEM:hae *Haemoproteus columbae* Kruse, 1890; blood; R1 (1280, 1517, 1790)COC:eim *Toxoplasma* sp.; liver, spleen, intestines, lung; R2 (463, 989, 1396)***Ocyphaps lophotes*** (Temminck & Laugier, 1822) [crested pigeon] syn. *Geophaps lophotes*COC:eim *Hoarella/Octosporella* sp.; faeces; R1 (899)HEM:hae *Haemoproteus columbae* Kruse, 1890; blood; R1 (1280)HEM:hae *Leucocytozoon marchouxi* Mathis & Leger, 1910; blood; R1 (1280)ZOO:tri *Trichomonas* sp.; gut; RU (446, 447, 1790)

Phaps chalcoptera (Latham, 1790) [common bronzewing]

ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989)

Ptilinopus superbus (Temminck, 1810) [superb fruit-dove, purple-breasted fruit pigeon] syn.
Lamprotreron superba

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

'Senegal dove' (common name unknown)

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

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

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

Order: PSITTACIFORMES [parrots, cockatoos & allies]

Family: CACATUIDAE [parrots]

Cacatua alba Müller, 1776 [umbrella cockatoo, white cockatoo]

GRE:cry *Cryptosporidium* sp.; bursa; aviary (USA) (639)

Cacatua galerita (Latham, 1790) [sulphur-crested cockatoo]

GRE:cry *Cryptosporidium* sp.; bursa, intestines; aviary (USA) (639)

ZOO:dip *Giardia* sp.; intestines; R2 (386, 1203, 1790)

HEM:hae *Haemoproteus* sp.; blood; R1 (694, 1596)

HEM:hae *Leucocytozoon* sp.; blood, kidney; R1 (1280, 1596)

HEM:hae *Plasmodium* sp.; kidney; R1 (1596)

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues, zoo (USA) (480)

Cacatua leadbeateri (Vigors, 1831) [pink cockatoo, Major Mitchell cockatoo, Leadbeater's cockatoo]

GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1334, 1733)

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)

ZOO:tri *Trichomonas* sp.; crop; RU (1052)

Cacatua roseicapilla (Vieillot, 1817) [galah] syn. *Eolophus roseicapilla*

GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1334, 1733)

COC:eim *Eimeria* sp.; intestines; RU (1790)

HEM:hae *Plasmodium* sp.; blood; R1 (1280)

Cacatua sanguinea Gould, 1840 [little corella] syn. *C. pastinator* (Gould, 1841)

HEM:hae *Plasmodium* sp.; blood; R1 (1280)

Callocephalon fimbriatum (Grant, 1803) [gang-gang cockatoo]

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)

Calyptorhynchus magnificus (Shaw, 1790) [red-tailed black cockatoo]

GRE:cry *Cryptosporidium* sp.; NR; RU (1790)

Probosciger aterrimus (Gmelin, 1788) [palm cockatoo]

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)

Family: LORIIDAE [lorikeets]

Glossopsitta concinna (Shaw, 1791) [musk lorikeet]

COC:eim *Eimeria dunsingi* Farr, 1960; intestines; R3 (1423, 1790)

ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989)

Trichoglossus chlorolepidotus (Kuhl, 1820) [scaly-breasted lorikeet]

COC:eim *Eimeria* sp.; faeces; R1 (899, 1790)

HEM:hae *Plasmodium* sp.; blood; R1 (1280)

Trichoglossus haematodus (Linnaeus, 1771) [rainbow lorikeet]

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

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

HEM:hae *Leucocytozoon* sp.; blood; R1 (1280)

HEM:hae *Plasmodium* sp.; blood; R1 (1280)

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)

Family: PLATYCERCIDAE [parrots & rosellas]

Barnardius semitorquatus (Quoy & Gaimard, 1830) [twenty-eight parrot]

HEM:hae *Haemoproteus/Plasmodium* sp.; blood; RU (694)

Barnardius zonarius (Shaw, 1805) [Port Lincoln ringneck]

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)

Melopsittacus undulatus (Shaw, 1805) [budgerigar]

GRE:cry *Cryptosporidium* sp.; trachea, intestines; R5, overseas (USA) (349, 885, 889, 896, 898, 1433, 1790)

COC:eim *Eimeria dunsingi* Farr, 1960; intestines; R6 (748, 990, 1790)

COC:eim *Eimeria psittacina* Gottschalk, 1972; NR; RU (1790)

COC:eim *Eimeria* sp.; intestines; RU (446, 1052)

MIC:mic *Encephalitozoon hellum* Didier *et al.*, 1991; intestines, liver; pet shop (USA) (92, 1700)

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)

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)

COC:eim *Sarcocystis* sp.; musculature; R2 (989)

ZOO:dip *Spironucleus* sp.; crop; R6 (748, 1790)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); brain, intestines, kidney, liver, lung, muscles (exptl. infection); lab (USA) (1394)

COC:eim *Toxoplasma* sp.; NR; RU (1790)

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, 1790)

Neophema pulchella (Shaw, 1792) [turquoise parrot]

GRE:cry *Cryptosporidium galli* Pavlasek, 1999; faeces (PCR); R6 (1733)

HEM:hae *Leucocytozoon* sp.; tissues; zoo (EUR, UK) (1053, 1216)

Neophema petrophila (Gould, 1840) [rock parrot]

GRE:cry *Cryptosporidium* sp.; NR; RU (1790)

Neophema splendida (Gould, 1841) [scarlet-chested parrot, splendid parrot]

ZOO:dip *Spironucleus* sp.; NR; RU (1790)

Platycercus adelaidae Gould, 1840 [Adelaide rosella]

HEM:hae *Haemoproteus* sp.; blood; R5 (210, 217, 579, 694, 1371, 1790)

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]

HEM:hae *Leucocytozoon* sp.; various tissues; zoo (EUR, UK) (382, 1053)

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

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung; R1 (463, 1396, 1790)

Platycercus eximius (Shaw, 1792) [eastern rosella]

HEM:hae *Leucocytozoon* sp.; tissues; zoo (EUR, UK) (382, 1053)

COC:eim *Sarcocystis* sp.; muscle RU (446, 833, 1790)

Platycercus icterotis (Kuhl, 1820) [western rosella]

HEM:hae *Leucocytozoon* sp.; tissues; zoo (EUR) (1053)

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, 1790)

Purpureicephalus spurius (Kuhl, 1820) [red-capped parrot]

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)

Family: POLYTELITIDAE [parrots & cockateils]

Alisterus scapularis (Lichtenstein, 1816) [Australian king-parrot]

HEM:hae *Leucocytozoon* sp.; tissues; zoo (UK) (1216)

ZOO:dip *Spironucleus* sp.; intestines; R1 (1598)

Nymphicus hollandicus (Kerr, 1792) [cockateil]

ZOO:ret *Cochlosoma* sp.; NR; RU (1790)

GRE:cry *Cryptosporidium* sp.; intestines, kidney, faeces (PCR); RU, R6, overseas (USA, Korea) (1334, 1433, 1512, 1524, 1733, 1790)

COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA) (480)

COC:eim *Sarcocystis* sp.; brain; pet shop (USA) (1474)

ZOO:dip *Spironucleus* sp.; NR; RU (1790)

Polytelis alexandrae Gould, 1863 [Alexandra's parrot]

GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1733)
 HEM:hae *Leucocytozoon* sp.; various tissues; zoo (EUR) (1053)

Polytelis anthopeplus (Lear, 1831) [regent parrot]

HEM:hae *Leucocytozoon* sp.; various tissues; zoo (EUR) (1053)
 COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); lung, liver, spleen; R5 (463, 1790)

Polytelis swainsonii (Desmarest, 1826) [superb parrot]

COC:eim *Toxoplasma* sp.; liver, lung, spleen; R2 (463, 989, 1790)

Family: PSITTACIDAE [parrots]

Agapornis roseicollis (Vieillot, 1818) [peach-faced lovebird, rosy-faced lovebird]

MIC:mic *Encephalitozoon hellem* Didier *et al.*, 1991; NR; RU (1790)
 MIC:mic Unidentified microsporid; intestines; R1 (1572)

Agapornis (unidentified lovebird species)

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

Aratinga solstitialis (Linnaeus, 1758) [sun conure, sun parakeet]

GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1733)

Eclectus roratus (Muller, 1776) [eclectus parrot]

GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1334, 1733)
 MIC:mic *Encephalitozoon hellem* Didier *et al.*, 1991; intestines, kidney; aviary (USA) (1652)
 COC:eim *Sarcocystis falcatula* Stiles, 1893; various tissues; zoo (USA), aviary (USA) (480, 923, 1516)

Psittacula eupatria (Linnaeus, 1766) [Alexandrine parakeet]

GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1733)

Psittacula krameri (Scopoli, 1769) [rose-ringed parakeet, Indian ring-necked parrot]

GRE:cry *Cryptosporidium meleagridis* Slavin, 1955; intestines (+ PCR); R2 (1565, 1743)

Order: CUCULIFORMES [cuckoos, turacos & hoatzins]

Family: CUCULIDAE [cuckoos, koels & coucals]

Centropus phasianus (Latham, 1801) [pheasant coucal]

HEM:hae *Haemoproteus centropi* de Mello, 1936; blood; R1 (1280, 1594)

Eudynamys cyanocephala Latham, 1801 [cuckoo]

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 1371)
 HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; R1 (217, 1371)

Eudynamys orientalis (Linnaeus, 1766) [koel]

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

Eudynamys scolopacea (Linnaeus, 1758) [common koel]

HEM:hae *Haemoproteus centropi* de Mello, 1936; blood; R1 (1280)
 HEM:hae *Haemoproteus clamatori* Peirce & Adlard, 2005; blood; R1 (1594)
 HEM:hae *Haemoproteus cuculis* Peirce & Adlard, 2005; blood; R1 (1594)

HEM:hae *Haemoproteus* sp.; blood; R1 (899, 1790)

Order: STRIGIFORMES [owls]

Family: STRIGIDAE [hawk-owls & masked owls]

Ninox boobook Latham, 1801 [boobook owl]

HEM:hae *Haemoproteus noctuae* Celli & San Felice, 1891; blood; R1 (128, 217, 581, 1280)

HEM:hae *Haemoproteus syrni* (Mayer, 1911) emend. Coatney, 1936; blood; R1 (1280)

HEM:hae *Haemoproteus* sp.; blood; R1 (208, 211, 212, 216, 217, 579, 581, 1371)

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, 1790)

Ninox novaeseelandiae (Gmelin, 1788) [southern boobook]

HEM:hae *Haemoproteus noctuae* Celli & San Felice, 1891; blood; R1 (128, 581, 694)

HEM:hae *Leucocytozoon danilewskyi* Ziemann, 1898; blood; R4 (694)

COC:eim *Sarcocystis/Frenkelia* sp.; intestines; RU (833, 1790)

ZOO:tri *Trichomonas* sp.; oesophagus, pharynx; R2 (989)

Ninox strenua (Gould, 1838) [powerful owl]

HEM:hae *Haemoproteus noctuae* Celli & San Felice, 1891; blood; R1 (216, 217, 581, 694, 1371)

COC:eim *Toxoplasma* sp.; liver, lung; R2 (989, 1790)

Family: TYTONIDAE

Tyto alba (Scopoli, 1769) [barn owl]

HEM:hae *Haemoproteus phodili* Bishop & Bennett, 1989; blood; R1 (1280)

COC:eim *Sarcocystis* sp.; intestines; R3 (824)

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

Tyto novaehollandiae (Stephens, 1826) [masked owl]

COC:eim *Sarcocystis* sp.; intestines; R3 (824, 842)

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

Order: CAPRIMULGIFORMES [frogmouths & nightjars]

Family: PODARGIDAE [frogmouths]

Podargus strigoides (Latham, 1801) [tawny frogmouth, mopoke]

COC:eim *Caryospora* sp.; NR; RU (1790)

HEM:hae *Haemoproteus* sp.; blood; R1 (694, 1280, 1790)

HEM:hae *Leucocytozoon caprimulgi* Kerandel, 1913; blood; R1 (217, 581, 694)

HEM:hae *Leucocytozoon podargii* Adlard, Peirce & Lederer, 2002; blood, heart, liver, kidney, skeletal muscle, lung, spleen; R1 (1279, 1596)

HEM:hae *Leucocytozoon* sp.; blood; R1 (216, 1790)

HEM:hae *Plasmodium* sp.; blood; R1 (1280)

COC:eim *Toxoplasma* sp.; NR; RU (1790)

ZOO:tri *Trichomonas* sp.; intestines; R1 (899)

Order: APODIFORMES [swifts & hummingbirds]

Family: APODIDAE [swifts]

Hirundapus caudacutus (Latham, 1801) [white-throated needletail]

HEM:hae *Haemoproteus apodus* Bennett, Caines & Whiteway, 1986; blood; R1 (1280)

Order: CORACIIFORMES [kingfishers, rollers, hornbills & allies]

Family: HALCYONIDAE [tree kingfishers]

Dacelo novaeguineae (Hermann, 1783) [kookaburra, laughing jackass, brown kingfisher] syn. *D. gigas*

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

HEM:hae *Haemoproteus* sp.; blood; R1, R2 (217, 571, 578, 579, 694, 1232, 1280, 1790)

HEM:hae *Leucocytozoon dacelo* Bennett, Earle, Peirce & Nandi, 1993; blood; R1 (1280)

COC:eim *Sarcocystis* sp.; muscle; RU (446, 833, 1790)

Halycon sancta Vigors & Horsfield, 1827 [sacred kingfisher] syn. *Todirhamphus sanctus*

HEM:hae *Haemoproteus halcyonis* de Mello, 1936; blood, skeletal muscle; R1 (1280, 1596)

Family: MEROPIIDAE [bee-eaters]

Merops ornatus Latham, 1801 [rainbow bee-eater]

HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694, 1371, 1790)

Family: CORACIIDAE [rollers]

Eurystomus orientalis (Linnaeus, 1766) [dollarbird]

HEM:hae *Haemoproteus coraciae* de Mello & Afonso, 1935; blood; R1 (1280)

HEM:hae *Leucocytozoon* sp.; blood; R1 (1280)

Order: PASSERIFORMES [perching or songbirds]

Family: PITTIDAE [pittas]

Pitta versicolor Swainson, 1825 [noisy pitta]

HEM:Hae *Plasmodium* sp.; blood; R1 (1293)

Family: MENURIDAE [lyrebirds]

Menura novaehollandiae Latham, 1801 [superb lyrebird]

COC:eim *Eimeria* sp.; intestines; RU (1790)

HEM:hae *Leucocytozoon* sp.; various organs; R2 (487, 989)

Family: HIRUNDINIDAE [swallows & martins]

Hirundo nigricans (Vieillot, 1817) [tree martin] syn. *Petrochelidon nigricans*, = *Cecropis nigricans*

COC:eim *Eimeria* sp.; faeces; R1 (899, 1790)

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

Family: CAMPEPHAGIDAE [cuckoo-shrikes, trillers & minivets]

Coracina novaehollandiae (Gmelin, 1789) [black-faced cuckoo-shrike]

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

Family: PYCNONOTIDAE [bulbuls]

Pycnonotus jocosus (Linnaeus, 1758) [red-whiskered bulbul]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); liver, spleen, muscle; R2 (463, 1396, 1790)

Family: MUSCICAPIDAE [thrushes & allies]

Colluricincla boweri (Ramsay, 1885) [Bower's shrike-thrush]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Colluricincla harmonica (Latham, 1801) [grey shrike-thrush]

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

Colluricincla megarhyncha (Quoy & Gaimard, 1830) [little shrike-thrush]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Eopsaltria australis (Shaw, 1790) [eastern yellow robin]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae Unidentified haemosporidian; blood; R1 (1293)

Heteromyias (Poecilodryas) albispectularis (Salvadori, 1875) [grey-headed robin]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Machaerirhynchus flaviventer Gould, 1851 [yellow-breasted boatbill]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Microeca fascinans (Latham, 1801) [brown flycatcher, jacky winter]

HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694, 1371)

ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (210, 216, 217, 579, 581, 694)

Monarcha (Arses) kaupi (Gould, 1851) [pied monarch]

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Monarcha trivittatus (Temminck, 1829) [spectacled monarch]

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

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)

Pachycephala pectoralis (Latham, 1801) [golden whistler]

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Petroica phoenicea Gould, 1837 [flame robin]

HEM:hae *Haemoproteus* sp.; blood; R4 (210, 217, 579, 694, 1371)

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

Rhipidura fuliginosa (Sparrman, 1787) [grey fantail]

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Rhipidura rufifrons (Latham, 1801) [rufous fantail]

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Tregellasia capito (Gould, 1851) [pale-yellow robin]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

Zoothera dauma (Latham, 1801) [White's thrush, mountain thrush, ground thrush] syn. *Oreocichla lunulata*, *Geocichla lunulata*, *Zoothera lunulata*

HEM:hae *Haemoproteus geocichlae* (Cleland & Johnston, 1909); blood; R2 (206, 208, 211, 217, 570, 571, 578, 579, 1371)

HEM:hae *Haemoproteus fallisi* Bennett & Campbell, 1972; blood; R1 (1280)

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Leucocytozoon dubreuilii* Mathis & Leger, 1911; blood; R1 (1280)

Family: ORTHONYCHIDAE [chowchillas, quail-thrushes & allies]

Orthonyx spaldingii Ramsay, 1868 [chowchilla]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

Family: POMATOSTOMATIDAE syn. TIMELIIDAE [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, 1371)

Family: SYLVIIDAE [Old World warblers]

Megalurus gramineus (Gould, 1845) [little grassbird]

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

Family: MALURIDAE [fairy-wrens & allies]

Malurus cyaneus (Latham, 1783) [superb blue wren]

COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

Family: ACANTHIZIDAE [scrubwrens, thornbills & allies]

Acanthiza katherina De Vis, 1905 [mountain thornbill]

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Aphelocephala leucopsis (Gould, 1840) [southern whiteface]

HEM:hae *Haemoproteus* sp.; blood; R5 (210, 217, 579, 694, 1371, 1790)

Crateroscelis (Oreoscopus) gutturalis (DeVis, 1889) [Australian fernwren]

HEM:hae Unidentified haemosporidian; blood; R1 (1293)

Gerygone albogularis (Gould, 1838) [white-throated gerygone]

HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; RU, R1 (216, 217, 1371)

Gerygone olivacea (Gould, 1838) [white-throated gerygone]

HEM:hae *Haemoproteus* sp.; blood; R1 (694, 1790)

Sericornis citreogularis Gould, 1838 [yellow-throated scrubwren]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

Sericornis frontalis (Vigors & Horsfield, 1827) [white-browed scrubwren]

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

Sericornis magnirostris (Gould, 1838) [large-billed scrubwren]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Family: CLIMACTERIDAE [Australian treecreepers]

Climacteris picumnus Temminck, 1824 [brown treecreeper]

COC:eim *Lankesterella picumni* Mackerras & Mackerras, 1960; blood; R4 (446, 694)

HEM:hae *Leucocytozoon* sp.; blood; R4 (694, 1790)

Family: MELIPHAGIDAE [honeyeaters]

Acanthogenys rufogularis Gould, 1838 [spiny-cheeked honeyeater]

HEM:hae *Haemoproteus* sp.; blood; R4 (216, 217, 694, 1371)

HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (216, 217, 694)

Acanthorhynchus tenuirostris (Latham, 1801) [eastern spinebill]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

COC:eim *Isospora* sp.; faeces; R1 (899, 1790)

HEM:hae Unidentified haemosporidian; blood; R1 (1293)

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, 1371)

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, 1371)

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, 1371, 1693)

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 frenatus (Ramsay, 1874) [bridled honeyeater]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

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, 1371)

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 hindwoodi (Longmore & Boles) [Eungella honeyeater]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

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, 1790)

HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R4 (694, 1371)

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, 1371)

Lichenostomus virescens (Vieillot, 1817) [singing honeyeater] syn. *Meliphaga virescens*, *Ptilotis sonora*

HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R5 (210, 217, 579, 1371)

Manorina flavigula (Gould, 1839) [yellow-throated miner] syn. *Myzantha flavigula*

HEM:hae *Haemoproteus* sp.; blood; R4 (210, 217, 579, 694, 1371, 1790)

Manorina melanocephala (Latham, 1801) [noisy miner/minah, soldier bird] syn. *M. garrula*

HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694, 1371)

HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R1 (75, 1280)

- COC:eim *Isospora* sp.; faeces; R1 (899, 1790)
 HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood, heart, spleen; R1 (75, 210, 216, 217, 579, 581, 694, 1280, 1596)
 HEM:hae *Leucocytozoon* sp.; blood, spleen, lung, skeletal muscle; R1 (1596)
 HEM:hae *Plasmodium vaughani* Novy & MacNeal, 1905; blood; R1 (75)
 HEM:hae *Plasmodium* sp.; blood, spleen, lung, liver; R1 (1280, 1596)
 ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (75)
 ZOO:kin *Trypanosoma myzanthae* Mackerras & Mackerras, 1960; blood; R1 (694)

Manorina melanotis (Wilson, 1911) [black-eared miner]

- COC:eim *Isospora* sp.; faeces; RU (1790)

Meliphaga lewinii (Swainson, 1837) [Lewin's honeyeater]

- HEM:hae *Haemoproteus* sp.; blood; R1 (1293)
 HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Meliphaga notata (Gould, 1867) [yellow-spotted honeyeater]

- HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Melithreptus brevirostris (Vigors & Horsfield, 1827) [brown-headed honeyeater]

- HEM:hae *Haemoproteus* sp.; blood; R5 (217, 694, 1371)

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]

- HEM:hae *Haemoproteus* sp.; blood; R2 (216, 694, 1371)
 COC:eim *Sarcocystis* sp.; muscle; RU (833)

Myzomela obscura (Gould, 1842) [dusky honeyeater]

- HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

Myzomela sanguinolenta (Latham, 1801) [scarlet honeyeater, blood-bird]

- HEM:hae *Haemoproteus* sp.; blood; R1 (210, 216, 217, 579, 581, 694, 1371)
 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 citreogularis (Gould, 1837) [little friarbird]

- HEM:hae *Haemoproteus* sp.; blood; R1 (1280)

Philemon corniculatus (Latham, 1790) [noisy friarbird, leatherhead] syn. *Tropidorhynchus corniculatus*

- HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood, heart, spleen; R1, R2 (128, 206, 208, 210, 211, 217, 570, 571, 578, 579, 581, 694, 1280, 1596)
 HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood, liver; R1, R2 (217, 1371, 1596)
 HEM:hae *Leucocytozoon anellobiae* Johnston, 1912; blood; R1 (128, 217, 581, 694, 1280)
 HEM:hae *Leucocytozoon* sp.; blood, heart, spleen, liver; R1 (1596, 1790)
 ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (1280)

Phylidonyris novaehollandiae (Latham, 1790) [New Holland honeyeater, whiskered honeyeater, yellow-winged honeyeater] syn. *Meliornis novaehollandiae*

- COC:eim *Eimeria* sp.; intestines; RU (1790)
 HEM:hae *Haemoproteus ptilotis* (Cleland & Johnston, 1909); blood; R2 (206, 208, 211, 217, 570, 571, 578, 579, 694)
- Xanthotis macleayana*** (Ramsay, 1875) [Macleay's honeyeater]
 HEM:hae *Haemoproteus* sp.; blood; R1 (1293)
- Family: NECTARINIIDAE [flowerpeckers, sunbirds]
- Dicaeum hirundinaceum*** (Shaw, 1792) [mistletoe bird]
 HEM:hae *Haemoproteus* sp.; blood; R1 (216, 217, 694)
- Family: PARDALOTIDAE [pardalotes]
- Pardalotus melanocephalus*** (Gould, 1838) [black-headed pardalote, chip-chip]
 HEM:hae *Haemoproteus* sp.; blood; R1 (210, 216, 217, 581, 694, 1371, 1790)
 HEM:hae *Leucocytozoon* sp.; blood; R1 (210, 581, 694, 1790)
 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)
- Family: 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, 1790)
 HEM:hae *Haemoproteus zosteropis* Chakravarty & Kar, 1945 emend. Bennett & Peirce, 1981; blood; R1 (1280)
 COC:eim *Lankesterella paddae* (Aragao, 1911); blood, zoo (NZ) (446, 694)
 COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)
 HEM:hae Unidentified haemosporidian; blood; R2 (208, 212)
- Zosterops 'dorsalis'*** (binomen unknown)
 HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; RU (217)
- Family: FRINGILLIDAE [finches]
- Serinus canaria*** Linnaeus, 1758 [canary]
 GRE:cry *Cryptosporidium galli* Pavlasek, 1999; faeces (PCR); R6 (1733)
 GRE:cry *Cryptosporidium* sp.; faeces (PCR); R6 (1334, 1733)
 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, 1396)
 ZOO:tri *Trichomonas* sp.; oesophagus, crop; RU (446, 1052)
 COC:eim Unidentified coccidian; intestines; RU (990)
- Carduelis chloris*** (Linnaeus, 1758) [European greenfinch]
 COC:eim *Eimeria* sp.; intestines; RU (446, 447, 1052)

Pytilia hypogrammica Sharp, 1870 [red-faced Auroora finch]

GRE:cry *Cryptosporidium 'blagburni' n.n.* Morgan *et al.*, 2001 [= *C. galli* Pavlasek, 1999];
proventriculus; R2 (1560)

Family: PLOCEIDAE [weavers & allies]

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

GRE:cry *Cryptosporidium* sp.; proventriculus; aviary (USA) (94, 1790)
COC:eim *Sarcocystis* sp.; muscle; RU (833)

Emblema picta Gould, 1842 [painted firetail, painted finch] syn. *E. pictum*

ZOO:ret *Cochlosoma* sp.; intestines; R1 (361, 362, 1790)
GRE:cry *Cryptosporidium galli* Pavlasek, 1999; faeces (PCR); R6 (1733)

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

ZOO:ret *Cochlosoma* sp.; intestines; R1 (362, 698, 1790)
GRE:cry *Cryptosporidium 'blagburni' n.n.* Morgan *et al.*, 2001 [= *C. galli* Pavlasek, 1999];
proventriculus; R2 (1560)
GRE:cry *Cryptosporidium* sp.; NR; RU (1790)
COC:eim *Eimeria* sp.; intestines; RU (1790)
MIC:mic *Encephalitozoon hellem* Didier *et al.*, 1991; small intestines; R2 (1357)
ZOO:tri *Trichomonas* sp.; NR; RU (1790)

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, 1790)
HEM:hae *Plasmodium* sp.; blood; R2 (1454, 1790)

Lonchura castaneothorax (Gould, 1837) [chestnut-breasted munia]

GRE:cry *Cryptosporidium galli* Pavlasek, 1999; faeces (PCR); R6 (1733)

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

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

Lonchura punctulata (Linnaeus, 1758) [nutmeg mannikin]

ZOO:ret *Cochlosoma* sp.; intestines; R1 (362, 1790)

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

GRE:cry *Cryptosporidium 'blagburni' n.n.* Morgan *et al.*, 2001 [= *C. galli* Pavlasek, 1999];
proventriculus (+ PCR); R1 (1560)
GRE:cry *Cryptosporidium* sp.; trachea; R1 (899, 1790)

Poephila cincta (Gould, 1836) [black-throated finch]

GRE:cry *Cryptosporidium galli* Pavlasek, 1999; faeces (PCR); R6 (1733)
GRE:cry *Cryptosporidium* sp.; kidney; zoo (USA) (1421, 1790)

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, 1790)GRE:cry *Cryptosporidium galli* Pavlasek, 1999; faeces (PCR); R6 (1733)

Family: STURNIDAE [starlings & mynahs]

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

Family: PASSERIDAE [sparrows, weavers & allies]

Passer domesticus (Linnaeus, 1758) [house sparrow]COC:eim *Isospora boxae* Grulet *et al.*, 1982; faeces; R5 (432)COC:eim *Isospora jacobfrenkeli* Grulet *et al.*, 1985; faeces; R5 (432)COC:eim *Isospora gonnetae* Grulet *et al.*, 1982; faeces; R5 (432)COC:eim *Isospora iansmithi* Grulet *et al.*, 1982; faeces; R5 (432)COC:eim *Isospora miltgeni* Grulet *et al.*, 1982; faeces; R5 (432)COC:eim *Isospora michaelbakeri* Grulet *et al.*, 1982; faeces; R5 (432)COC:eim *Isospora mikei* Grulet *et al.*, 1982; faeces; R5 (432)COC:eim *Isospora spratti* Grulet *et al.*, 1982; faeces; R5 (432)COC:eim *Isospora* sp.; tissues; R5 (433, 1790)COC:eim *Lankesterella paddae* (Aragao, 1911); blood; R2 (446, 694)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, 1790)COC:eim *Toxoplasma* sp.; leucocytes; R2 (1059, 641)

Family: ORIOLIDAE [orioles & figbirds]

Oriolus sagittatus (Latham, 1801) [olive-backed oriole] syn. *O. sagittarius*HEM:hae *Haemoproteus* sp.; blood; R1 (210, 579, 581, 694, 1790)HEM:hae *Leucocytozoon* sp.; blood; R1 (210, 216, 579, 581, 694, 1790)ZOO:kin *Trypanosoma* sp.; blood; R1 (210, 216, 579, 581, 694)***Sphecotheres vieilloti*** Vigors & Horsfield, 1827 [southern figbird]HEM:hae *Leucocytozoon* sp.; blood; R1 (694, 1790)HEM:hae *Leucocytozoon oriolis* Bennett & Peirce, 1992; blood, liver, lung, skeletal muscle; R1 (1596)HEM:hae *Plasmodium* sp.; blood, lung; R1 (1596)***Sphecotheres viridis*** Vieillot, 1816 [figbird] syn. *S. maxillaris*, *Oriolus viridis*COC:eim *Eimeria* sp.; faeces; R1 (899, 1790)HEM:hae *Haemoproteus* sp. (syn. *Halteridium* sp.); blood; RU (217)HEM:hae *Leucocytozoon anellobiae* (Cleland & Johnston, 1911); blood; R1 (210, 216, 217, 579, 581)HEM:hae *Leucocytozoon oriolis* Bennett & Peirce, 1992; blood; R1 (1280)HEM:hae *Plasmodium* sp.; blood; R1 (1280)ZOO:kin *Trypanosoma* sp.; blood; RU (217)

Family: DICRURIDAE [drongos]

Dicrurus hottentottus (Linnaeus, 1766) [spangled drongo] syn. *Chibia bracteata*

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

Family: PTILONORHYNCHIDAE syn. PARADISAEIDAE [bowerbirds, birds of paradise]

Ailuroedus (Scenopoeetes) dentirostris (Ramsay, 1875) [tooth-billed catbird]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

Ailuroedus melanotis (Gray, 1858) [spotted catbird]

HEM:hae *Haemoproteus* sp.; blood; R1 (1293)

HEM:hae *Plasmodium* sp.; blood; R1 (1293)

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

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

Chlamydera nuchalis (Jardine & Selby, 1830) [great bowerbird] syn. *Chlamydodera orientalis*

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 694, 1371)

ZOO:kin *Trypanosoma chlamydoderae* Breinl, 1913; blood; R1 (128, 217, 581)

Ptilorhynchus violaceus (Vieillot, 1816) [satin bowerbird]

HEM:hae *Haemoproteus* sp.; blood; R2, zoo (UK) (694, 1234, 1790)

HEM:hae *Leucocytozoon* sp.; blood; zoo (UK) (694, 1234, 1790)

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); liver, spleen, intestine; R5 (463, 1396, 1790)

Sericulus chrysocephalus (Lewin, 1808) [regent bowerbird]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); liver, spleen, intestine; R2 (463, 1396, 1790)

Family: CORCORACIDAE [Australian mudnesters]

Corcorax melanorhamphos (Vieillot, 1817) [white-winged chough, mutton bird]

HEM:hae *Leucocytozoon sakharoffi* Sambon, 1908; blood; R1 (210, 216, 217, 579, 581, 694)

ZOO:kin *Trypanosoma anellobiae* Cleland & Johnston, 1910; blood; R1 (210, 581)

Family: GRALLINIDAE [magpie larks]

Grallina picata Latham, 1801 [peewit, peewee, Australian magpie lark] syn. *G. cyanoleuca*

COC:eim *Eimeria grallinida* Reece, 1989; liver; R2 (988, 1790)

HEM:hae *Haemoproteus* sp.; blood; R1 (210, 217, 579, 581, 694, 1280, 1371, 1790)

HEM:hae *Leucocytozoon* sp.; blood; R1 (1280)

ZOO:kin *Trypanosoma corvi* Stephens & Christophers, 1908 emend. Baker, 1976; blood; R1 (1280)

Family: CRACTICIDAE [butcherbirds & currawongs]

Cracticus destructor Temminck, 1824 [butcherbird]

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 217, 581, 1371)

Cracticus nigrogularis (Gould, 1837) [pied butcherbird]

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

HEM:hae *Haemoproteus* sp., blood; R1 (1280, 1790)

COC:eim *Isospora* sp.; faeces; R1 (899)
 HEM:hae *Leucocytozoon artamidis* Peirce *et al.*, 2005; blood, kidney, spleen, lung; R1 (1595)
 HEM:hae *Leucocytozoon* sp., blood; R1 (1280)
 HEM:hae *Plasmodium* sp., blood; R1 (1280)

Cracticus torquatus (Latham, 1801) [grey butcherbird]

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (128, 694)
 COC:eim *Isospora* sp.; faeces; R1 (899, 1790)
 HEM:hae *Leucocytozoon artamidis* Peirce *et al.*, 2005; blood, kidney, spleen, lung; R1 (1595)
 HEM:hae *Leucocytozoon* sp. blood, liver; R1 (1280, 1596)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (1280)
 HEM:hae Unidentified haemosporidian; blood, liver; R1 (1280, 1596)

Gymnorhina leuconota (Gould, 1837) [white-backed magpie] syn. *G. hypoleuca*

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; zoo (UK) (579, 694, 959)
 COC:eim *Sarcocystis* sp.; muscle; RU (446, 833, 1790)

Gymnorhina tibicen (Latham, 1801) [Australian magpie, black-backed magpie]

HEM:hae *Haemoproteus* sp.; blood; R1, R4 (694, 1280, 1790)
 COC:eim *Isospora* sp.; faeces; R1 (899)
 HEM:hae *Leucocytozoon artamidis* Peirce *et al.*, 2005; blood, heart, kidney, spleen, lung; R1 (1595)
 HEM:hae *Leucocytozoon* sp.; blood, heart, spleen, kidney, lung; R1, R2 (461, 694, 989, 1280, 1596, 1790)
 HEM:hae *Plasmodium* sp.; blood, heart, spleen, kidney; R1 (1280, 1596, 1790)
 ZOO:kin *Trypanosoma* sp.; blood; R1 (694, 1280)

Strepera graculina (Shaw, 1790) [pied currawong]

HEM:pir *Babesia* sp.; blood; R1 (899)
 HEM:hae *Haemoproteus* sp.; blood, heart, skeletal muscle; R1, R2 (461, 694, 899, 1280, 1454, 1790)
 COC:eim *Isospora* sp.; faeces; R1 (899, 1790)
 HEM:hae *Leucocytozoon artamidis* Peirce *et al.*, 2005; blood, heart, kidney, spleen, lung; R1 (1595)
 HEM:hae *Leucocytozoon* sp.; blood, skeletal muscle, heart, kidney, lung, liver; R1, R2 (461, 694, 1280, 1518, 1596, 1790)
 HEM:hae *Plasmodium* sp.; blood, heart, skeletal muscle; R1 (1280, 1596, 1790)
 COC:eim *Sarcocystis* sp.; muscle; RU (833, 1790)

***Strepera* sp.** [currawong]

ZOO:kin *Trypanosoma* sp.; blood (culture) (PCR); RU, R2 (1450, 1818)

Family: CORVIDAE [crows, orioles, butcherbirds, currawongs, drongoes, jays & allies]

Corvus orru Bonaparte, 1851 [Torresian crow]

HEM:hae *Haemoproteus danilewskyi* Kruse, 1890; blood; R1 (1280)
 HEM:hae *Haemoproteus* sp.; blood; R1 (899, 1790)
 COC:eim *Isospora* sp.; faeces; R1 (899, 1790)
 HEM:hae *Leucocytozoon sakharoffi* Sambon, 1908; blood; R1 (1280)
 HEM:hae *Plasmodium* sp.; blood; R1 (1280)
 COC:eim *Sarcocystis* sp.; faeces; R1 (899, 1790)

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); NR; RU (167)

Corvus tasmanicus Mathews, 1912 [forest raven]

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

Unidentified bird species

GRE:cry *Cryptosporidium hominis* Morgan-Ryan *et al.*, 2002; faeces (PCR); R6 (1729)

ZOO:dip *Giardia duodenalis* (Davaine, 1875); faeces (PCR); R6 (1729)

HEM:hae *Plasmodium circumflexum* (Kikuth, 1931); blood; RU (1296)

HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); blood; RU (1296)

Phylum: PISCES

Superclass: GNATHOSTOMATA

Class: CHONDRICHTHYES [cartilaginous fishes]

Subclass: ELASMOBRANCHII [elasmobranchs]

Order: PRISTIOPHORIFORMES

Family: PRISTIOPHORIDAE [saw sharks]

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

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

Order: HETERODONTIFORMES

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

Heterodontus galeatus Günther, 1870 [crested Port Jackson shark]

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

Order: ORECTOLOBIFORMES [carpet sharks]

Family: HEMISCYLLIIDAE [bamboo sharks, longtail carpet sharks]

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

COC:ade *Haemogregarina hemiscyllii* Mackerras & Mackerras, 1961; blood; R21 (79, 137, 658, 696, 1543)

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

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

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

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

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

Order: LAMNIFORMES [mackerel sharks]

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

Odontaspis (unidentified sand-shark species)

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

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

Order: RAJIFORMES [rays]

Suborder: MYLIOBATOIDEI

Family: DASYATIDAE [stingrays]

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

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

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

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

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

Class: ACTINOPTERYGII

Subclass: NEOPTERYGII

Order: ANGUILLIFORMES

Family: ANGUILLIDAE [freshwater eels]

Anguilla australis Richardson, 1841 [short-finned eel]

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

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

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

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

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

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

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

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)

PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gill filaments; R4 (32, 79)

ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); gill, skin; RU (858)

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface, fins; R3 (21, 79)

ZOO:kin *Trypanosoma* sp.; blood; RU (628, 634)

ZOO:kin *Trypanoplasma* sp.; blood; RU (858)

ORDER: CHARACIFORMES

Family: CHARACIDAE [characins]

Paracheirodon axelrodi (Schultz, 1956) [cardinal tetra](imported ornamental fish)

ZOO:dip *Hexamita* sp.; NR; RU (imported) (1405)

Paracheirodon innesi (Myers, 1936) [neon tetra](imported ornamental fish)

PHY:cyr *Chilodonella piscicola* (Zacharias, 1894) Jankovski, 1980 [= *C. cyprini*]; NR; RU (imported) (1405)

ZOO:dip *Hexamita* sp.; NR; RU (imported) (1405)

Order: CLUPEIFORMES

Family: ENGRAULIDAE [anchovies]

Engraulis australis (Günther, 1868) [southern anchovy]

MIC:mic Unidentified microsporan; muscle; R18 (636)

MYX:mul *Kudoa thyrssites* (Gilchrist, 1924); muscles; R18 (636)

Family: CLUPEIDAE [herrings, shads, sprats, sardines, pilchards, menhadens]

Etrumeus teres (De Kay, 1842) [maray, round herring]

MIC: Unidentified microsporan; muscle; R18 (636)

Herklotsichthys castelnaui (Ogilby, 1897) [silver herring]

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

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

Hyperlophus vittatus (Castelnau, 1875) [sandy sprat, whitebait]

MIC: Unidentified microsporan; muscle; R18 (636)

Nematalosa erebi (Günther, 1868) [bony bream] syn. *N. elongata*

PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R1, R10 (144, 624)

MYX:biv *Henneguya* sp.; gills; R10 (79, 584, 627)

Sardinella lemuru Bleeker, 1853 [scaly mackerel]

MYX:mul *Kudoa thyrssites* (Gilchrist, 1924); muscles; R18 (636)

MIC:mic Unidentified microsporan; muscle; R18 (636)

Sardinops sagax neopilchardus (Steindachner, 1879) [Australian pilchard]

MYX:mul *Kudoa thyrssites* (Gilchrist, 1924); muscles; R18 (632, 636, 858)

MIC: Unidentified microsporan; muscle; R18 (636)

Spratelloides robustus Ogilby, 1897 [blue sprat]

MYX:mul *Kudoa thyrssites* (Gilchrist, 1924); muscles; R18 (636)

MIC:mic Unidentified microsporan; muscle; R18 (636)

Order: CYPRINIFORMES

Family: CYPRINIDAE [minnows or carps]

Barbus (unidentified species)

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin; RU (983)

Carassius auratus (Linnaeus, 1758) [golden carp, goldfish] syn. *Cyprinus auratus*

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)

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

COC:eim *Goussia carpelli* (Leger & Stankovitch, 1921); intestines; R4 (669, 672)

ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); gill, skin; R2, R3 (627, 858, 983)

MYX:biv *Hoferellus carasii* Akhmerov, 1960; kidney; RU (858)

MYX:biv *Hoferellus cyprini* (Doflein, 1898); kidney; RU (627)

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; RU (79, 139, 140, 289, 627, 1026)

MYX:biv *Myxobolus* sp.; skin; RU (858)

OLI:mob *Trichodina reticulata* Hirschmann & Partsch, 1955; skin, fins; R1 (1393)

OLI:mob *Trichodina* sp.; gills; R4 (627, 669)

LOB:amo Unidentified amoebae; various tissues; RU (858)

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]

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

LIT:ple *Pseudoamphileptus macrostoma* (Chen, 1955); feeding on epizoic peritrichs; RU (670)

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

OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

OLI:mob *Trichodina mutabalis* Kazubski & Migala, 1968; fins, gills; R1 (1393)

OLI:mob *Trichodina reticulata* Hirschmann & Partsch, 1955; skin, fins; R1 (1393)

Family: GYRINOCHEILIDAE [algae eater]

Gyrinocheilus ayonieri (Tirant, 1883) [Siamese headbreather, sucking catfish] (imported ornamental fish)

MYX:biv *Chloromyxum* sp.; gall bladder; RU (imported) (1405)

ZOO:kin *Cryptobia* sp.; gut; RU (imported) (1405)

Order: SILURIFORMES

Family: PLOTOSIDAE [eeltail catfishes]

Cnidoglanis macrocephalus Valenciennes, 1840 [estuarine catfish]

OLI:mob *Trichodina* sp.; gills; RU (aquarium) (983)

Neosilurus (unidentified catfish species)

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

Tandanus tandanus Mitchell, 1838 [freshwater catfish] syn. *Plotosus tandanus*, *Capidoglanis tandanus*

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; R4 (1061)

ZOO:kin *Trypanosoma bancrofti* Johnston & Cleland, 1910; blood; R1, R4 (34, 79, 211, 212, 574, 581,

696)

Order: SALMONIFORMES

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

Oncorhynchus mykiss (Walbaum, 1792) [rainbow trout]LOB:amo *Neoparamoeba pemaquidensis* (Page, 1970) syn. *Paramoeba pemaquidensis* Page, 1970; gills; R3 (1571)***Salmo gairdneri*** Richardson, 1836 [rainbow trout] syn. *S. irideus*PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79)ZOO:kin *Ichthyobodo* sp.; gills; R3 (857)OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface, fins; R2, R3, R4, RU (21, 79, 138, 139, 140, 681, 822)MYX:biv *Myxobolus cerebralis* Hofer, 1903; cartilage; RU (670)LOB:amo *Paramoeba* sp.; gills; R3 (627, 628, 634, 855, 857)OLI:mob *Trichodina* sp.; gills; R3 (857)***Salmo salar*** Linnaeus, 1758 [Atlantic salmon]ZOO:kin *Ichthyobodo* sp.; gills; R3 (857)MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscles; R3 (1570)LOB:amo *Neoparamoeba branchiphila* Dykova *et al.*, 2005; gills; R3 (1402, 1718)LOB:amo *Neoparamoeba pemaquidensis* (Page, 1970) syn. *Paramoeba pemaquidensis* Page, 1970; gills (+ exptl.)(+ PCR); RU, R3 (670, 1282, 1322, 1362, 1388, 1389, 1390, 1391, 1392, 1402, 1571, 1592, 1604, 1605, 1606, 1626, 1697, 1713, 1718)LOB:amo *Neoparamoeba perurans* Young *et al.*, 2007; gills, culture (+ PCR), + exptl. infection; R3 (1718, 1885)LOB:amo *Neoparamoeba* sp.; gills, antibodies (ELISA), R3 (1275, 1276, 1277, 1283, 1284, 1439, 1440, 1491, 1567, 1575)LOB:amo *Paramoeba* sp.; gills; R3, R15 (4, 365, 627, 628, 634, 852, 855, 857, 858, 1022, 1328, 1363, 1412, 1413, 1573, 1720, 1721)MIC:mic *Pleistophora* sp.; muscles; R3 (858, 1570)OLI:hym *Tetrahymena* sp.; fin, tail; RU (858)OLI:mob *Trichodina* sp.; gills; R3 (857)***Salmo trutta*** Linnaeus, 1758 [brown trout] syn. *S. fario*PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79)OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; R2, R3, R4 (21, 79, 138, 139, 140)MIC:mic *Ichthyosporidium* sp.; viscera, kidney, liver, spleen; R1 (1072)***Salmo*** (unidentified salmonid species)PHY:cyr *Chilodonella* sp.; NR; RU (839)ZOO:kin *Ichthyobodo* sp.; NR; RU (839)OLI:mob *Trichodinella* sp.; NR; RU (839)

Family: RETROPINNIDAE [smelts]

Retropinna semoni (Weber, 1895) [Australian smelt] syn. *Prototroctes semoni*PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79, 1030)OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (1030)

Family: GALAXIIDAE [galaxiids]

Galaxias brevipinnis Günther, 1866 [inangi or climbing galaxias]

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

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

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

OLI:mob *Trichodina heterodontata* Duncan, 1977; skin, fins, gills; R1 (1393)

Galaxias occidentalis Ogilby, 1899 [western minnow]

ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; gut (+ PCR); R6 (1717)

Galaxias olidus Günther, 1866 [mountain galaxias]

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

OLI:mob *Trichodina heterodontata* Duncan, 1977; skin, fins, gills; R1 (1393)

Galaxias (unidentified galaxias)

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

Order: AULOPIFORMES

Family: AULOPODIDAE [aulopus]

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

COC:ade *Haemogregarina aulopi* Mackerras & Mackerras, 1925 [variously recorded as *Babesiosoma aulopi* and *Haemohormidium aulopi* (cf. 1380)]; blood; R14 (684, 696)

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

Order: ATHERINIFORMES

Family: PSEUDOMUGILIDAE [blue eyes]

Pseudomugil signifer Kner, 1866 [Australian blue-eye]

OLI:mob *Trichodina heterodontata* Duncan, 1977; skin, fins, gills; R1 (1393)

Family: MELANOTAENIIDAE [rainbowfishes]

Glossolepis incisis Weber, 1908 [New Guinea rainbow fish]

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

Melanotaenia eachamensis Allen & Cross, 1982 [Lake Eacham rainbowfish]

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface (exptl. infection); R1 (1428)

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

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

Melanotaenia splendida (Peters, 1866) [western rainbowfish]

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface (exptl. infection); R1 (1428)

Family: ATHERINIDAE [silversides]

Atherinomorus capricornensis (Woodland, 1961) [capricorn hardyhead]

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

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

- OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
 MYX:biv *Zschokkella leptatherinae* Su & White, 1995; liver, gall bladder; R15 (1664)
 MYX:biv *Zschokkella macrocapsula* Su & White, 1994; gall bladder; R15 (1110)

Kestratherina brevirostris (Pavlov *et al.*, 1988) [short snout hardyhead]

- OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
 MYX:biv *Zschokkella leptatherinae* Su & White, 1995; liver, gall bladder; R15 (1664)

Kestratherina esox (Klunzinger, 1872) [pike head hardyhead]

- OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
 MYX:biv *Zschokkella leptatherinae* Su & White, 1995; liver, gall bladder; R15 (1664)

Kestratherina hepsetoides (Richardson, 1843) [small scale hardyhead]

- OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
 MYX:biv *Zschokkella leptatherinae* Su & White, 1995; liver, gall bladder; R15 (1664)

Leptatherina presbyteroides (Richardson, 1843) [silver fish]

- MYX:biv *Ortholinea striateculus* Su & White, 1994; ureter; R15 (1110)
 OLI:mob *Trichodina australis* Su & White, 1995; gills; R15 (1111)
 MYX:biv *Zschokkella leptatherinae* Su & White, 1995; liver, gall bladder; R15 (1664)
 MYX:biv *Zschokkella macrocapsula* Su & White, 1994; gall bladder; R15 (1110)

Order: CYPRINODONTIFORMES

Family: POECILIIDAE [livebearers]

Gambusia holbrooki (Girard, 1859) [eastern gambusia]

- COC:eim *Goussia piekarskii* Lom & Dykova, 1995; small intestine; R4 (672)
 COC:eim *Goussia* sp.; intestine; R4 (669)
 ZOO:dip *Hexamita* sp.; intestine; R4 (669)
 OLI:mob *Trichodina* sp.; gills; R4 (669)
 OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)
 OLI:mob *Trichodina mutabalis* Kazubski & Migala, 1968; fins, gills; R1 (1393)

Poecilia reticulata Peters, 1860 [guppy]

- GRE:cry *Cryptosporidium molnari* Alvarez-Pellitero & Sitja-Bobadilla, 2002; stomach (+ PCR); RU (aquarium) (1632)
 OLI:hym *Tetrahymena corlissi* Thompson, 1955; NR; RU (imported) (1405)
 OLI:mob *Trichodina acuta* Lom, 1961; skin; R1 (1393)
 OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

Xiphophorus helleri Heckel, 1848 [swordtail]

- OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

Xiphophorus maculatus Gunther, 1866 [Southern platyfish]

OLI:mob *Trichodina heterodontata* Duncan, 1977; skin, fins, gills; R1 (1393)

Order: BERYCIFORMES

Family: TRACHICHTHYIDAE [roughies or slimeheads]

Hoplostethus atlanticus Collett, 1889 [orange roughy]

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

Order: GASTEROSTEIFORMES

Family: SYNGNATHIDAE [pipefishes and seahorses]

Hippocampus abdominalis Lesson, 1827 [big-belly seahorse]

LOB:amo *Neoparamoeba pemaquidensis* (Page, 1970); gills (exptl.); R3 (1388)

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

Order: SCORPAENIFORMES

Family: SCORPAENIDAE [scorpionfishes and rockfishes]

Centropogon australis (White, 1790) [southern fortescue]

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

Scorpaenopsis gibbosus (Bloch & Schneider, 1801) [false stonefish]

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

Family: TRIGLIDAE [searobins, gurnards]

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

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

Family: PLATYCEPHALIDAE [flatheads]

Platycephalus bassensis Cuvier & Valenciennes, 1829 [sand flathead]

MYX:biv *Myxobolus* sp.; brain; R14 (1020)

Suggrundus bosschei (Bleeker, 1860) [small-eyed flathead]

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

Order: PERCIFORMES

Family: AMBASSIDAE

Ambassis agassizii Steindachner, 1867 [olive perchlet]

OLI:mob *Trichodina heterodontata* Duncan, 1977; skin, fins, gills; R1 (1393)

Family: CENTROPOMIDAE [barramundi]

Lates calcarifer (Bloch, 1790) [barramundi, giant perch]

- PHY:din *Amyloodinium ocellatum* Brown, 1931; skin (exptl.); R1 (1628)
 PHY:cyr *Chilodonella* sp.; gills; R1 (400, 919)
 ZOO:kin *Cryptobia* sp.; gills; R1 (144, 400, 919)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; skin, fins; R1, R21 (144, 291, 292, 293, 294, 400, 919)
 GRE:cry *Cryptosporidium* sp.; intestines; R1 (144, 349, 400, 919, 1207)
 COC:eim *Epieimeria* sp.; gut; RU (858)
 ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; gut (+ PCR); R6 (1717)
 ZOO:dip *Giardia microti* Kofoid & Christiansen, 1915; gut (+ PCR); R6 (1717)
 MYX:biv *Henneguya* sp.; gills; R1 (144, 400)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, fins; R1 (144, 400)
 MYX:mul *Kudoa* sp.; muscles; R1 (629)
 OLI:mob *Trichodina* sp.; gills; R1 (400, 919)

Family: SERRANIDAE [sea basses]

Cephalopholis boenak (Bloch, 1790) [brown-barred rockcod, chocolate hind]

- MYX:biv *Ceratomyxa brayi* Gunter & Adlard, 2009; gall bladder (+ PCR); R21 (1773)
 MYX:biv *Ceratomyxa whippsi* Gunter & Adlard, 2009; gall bladder (+ PCR); R21 (1773)
 COC:ade Unidentified haemogregarine; leucocytes; R21 (1648)
 MIC:mic Unidentified microsporan; mesentery; R13 (899)

Hypoplectrodes annulata (Günther, 1859) [banded sea-perch] syn. *Gilbertia annulata*, *G. semicineta*, *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)

Epinephelus fasciatus (Forsskål, 1775) [black-tipped rock-cod, blacktip grouper]

- MYX:biv *Ceratomyxa cutmorei* Gunter & Adlard, 2009; gall bladder (+ PCR); R21 (1773)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)

Epinephelus maculatus (Bloch, 1790) [highfin grouper]

- MYX:biv *Ceratomyxa yokoyamai* Gunter & Adlard, 2009; gall bladder (+ PCR); R21 (1773)

Epinephelus quoyanus (Cuvier & Valenciennes, 1830) [longfinned wire netting cod, longfin grouper]

- MYX:biv *Ceratomyxa hooperi* Gunter & Adlard, 2009; gall bladder (+ PCR); R21 (1773)
 MYX:biv *Ceratomyxa nolani* Gunter & Adlard, 2009; gall bladder (+ PCR); R21 (1773)
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13, R21 (658, 802, 899)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290, 293)

Plectropomus leopardus (Lacepede, 1802) [leopard coral trout]

- MYX:biv *Ceratomyxa gleasoni* Gunter & Adlard, 2009; gall bladder (+ PCR); R21 (1773)
 MYX:biv *Ceratomyxa* sp.; gall bladder; R13, R21 (658, 802, 899)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (802)

Family: PERCICHTHYIDAE [temperate perches]

Maccullochella ikei Rowland, 1993 [Clarence River cod]

- PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R4 (144, 1029, 1030)

Maccullochella macquariensis (Cuvier & Valenciennes, 1829) [trout cod] syn. *M. mitchelli*, *Gryptes macquariensis*

PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79, 1030)
 PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); skin, gills; R4 (1030)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (1030)
 MYX:biv *Myxosoma* sp.; gills; R4 (35, 1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (1030)

Maccullochella peeli (Mitchell, 1838) [Murray cod] syn. *Acerina peeli*

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)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (144, 627, 1030, 1061)
 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 *Tetrahymena* sp.; skin, gills; R4 (144, 1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (144, 1030)

Macquaria ambigua (Richardson, 1845) [golden perch, callop, yellow-belly] syn. *Plectroplites ambiguus*

PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); skin, gills; R4 (144, 628, 634, 1030)
 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)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); skin, gills; R4 (144, 1030)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (144, 627, 1030, 1061)
 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 *Tetrahymena* sp.; skin, gills; R4 (144, 1030)
 OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (144, 1030)

Macquaria australasica Cuvier & Valenciennes, 1830 [Macquarie perch, silvereye]

PHY:cyr *Chilodonella cyprini* (Moroff, 1902); gills; R2, R4 (32, 79, 1030)
 COC:eim *Eimeria* sp.; intestines; R4 (33, 35, 79, 839, 983, 1030)
 COC:eim *Epieimeria* sp.; gut; RU (858)
 ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); gills; R4 (1030)
 OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; skin, gills; R4 (1030)
 OLI:mob *Trichodina* sp.; skin, gills; R4 (1030)

Macquaria novemaculeata (Steindachner, 1866) [Australian bass]

OLI:hym *Cryptocaryon irritans* Brown, 1951; external surfaces (exptl. infection); R21 (291, 292)

Family: KUHLIIDAE [flagtails]

Nannoperca australis Gunther, 1861 [pygmy perch]

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

Family: TERAPONIDAE [grunters, tiger perches]

Amniataba percoides (Günther, 1864) [barred grunter]PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R10 (624)***Bidyanus bidyanus*** (Mitchell, 1838) [silver perch, tcheri]PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); skin, gills; R4 (144, 1030)COC:eim *Eimeria* sp.; intestines, pyloric caeca; RU (1030)COC:eim *Epieimeria* sp.; gut; RU (858)MYX:biv *Henneguya* sp.; NR; RU (1030, 627)ZOO:kin *Ichthyobodo necator* (Henneguy, 1883); skin, gills; R4 (144, 628, 634, 858, 1030)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)***Hephaestus carbo*** (Ogilby & McCulloch, 1916) [coal grunter, round-tailed grunter] syn. *Therapon carbo*MYX:biv *Myxidium therapon* Johnston & Bancroft, 1918; gall bladder; R10 (79, 584)***Leiopotherapon unicolor*** (Günther, 1859) [spangled perch]PHY:cyr *Chilodonella hexasticha* (Kiernik, 1909); gills; R10 (624)***Scortum hillii*** (Castelnau, 1877) [Hills grunter] syn. *Therapon hillii*MYX:biv *Henneguya gracilis* Johnston & Bancroft, 1918; gill filaments; R10 (79, 584, 627)MYX:biv *Myxidium therapon* Johnston & Bancroft, 1918; gall bladder; R10 (79, 584)***Therapon jarbua*** (Forsskål, 1775) [crescent grunter]MYX:biv *Leptothea* sp.; gall bladder; R21 (658, 802)

COC:eim Unidentified coccidian; gall bladder; R21 (658)

Family: PERCIDAE [perches]

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

Family: APOGONIDAE [cardinalfishes]

Apogon properuptus (Whitley, 1964) [southern orange-lined cardinal fish]MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Glossamia aprion gillii*** (Steindachner, 1867) [southern mouth almighty]OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)***Vincentia conspersa*** Klunzinger, 1872 [cardinal fish]MIC:mic *Glugea vincentiae* Vagelli *et al.*, 2005; subcutaneous tissue; R14 (1792)

Family: SILLAGINIDAE [whitings, sand smelts]

Sillago analis Whitley, 1943 [golden-lined whiting]MYX:biv *Henneguya lesteri* Hallett & Diamant, 2001; gills (+ PCR); R13 (1445)MYX:mul *Kudoa ciliatae* Lom *et al.*, 1992; intestine; R13 (443)

Sillago ciliata Cuvier & Valenciennes, 1829 [sand whiting]

- MYX:biv *Ceratomyxa ernsti* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)
 PHY:din *Crepidodinium australe* Lom *et al.*, 1993; gills; R13 (671)
 PHY:din *Crepidodinium* sp.; NR; R13 (669)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
 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, 1333)
 MYX:mul *Kudoa* sp.; brain; R13 (1333)
 OLI:mob *Trichodina* sp.; gills; R13 (899)
 OLI:scu *Uronema* sp.; skin, muscle; R14 (391)

Sillago maculata Quoy & Gaimard, 1824 [winter whiting]

- OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
 MYX:mul *Kudoa ciliatae* Lom *et al.*, 1992; intestine; R13 (443)
 MYX:mul *Kudoa* sp.; brain; R13 (1333)

Sillago vittata McKay, 1985 [western school whiting]

- GRE:cry *Cryptosporidium parvum* Tyzzer, 1912; gut scraping (+ PCR); R6 (1841)
 GRE:cry *Cryptosporidium xiaoi* Fayer & Santin, 2009; gut scraping (+ PCR); R6 (1841)
 GRE:cry *Cryptosporidium* sp.; gut scraping (+ PCR); R6 (1841)

Family: ECHENEIDAE [remoras, sharksuckers]

Echeneis naucrates Linnaeus, 1758 [suckerfish]

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

Family: CARANGIDAE [trevallies, darts]

Caranx sexfasciatus Quoy & Gaimard, 1825 [bigeye trevally]

- MYX:mul *Kudoa amamiensis* Egusa & Nakajima, 1980; muscles (+ PCR); R21 (1744)
 MYX:mul *Kudoa paraquadricornis* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Caranx ignobilis (Forsskal, 1775) [giant trevally]

- MYX:mul *Kudoa paraquadricornis* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Caranx papuensis Alleyne & MacLeay, 1877 [brassy trevally]

- MYX:biv *Auerbachia caranxi* Heiniger *et al.*, 2011; gall bladder (+ PCR); R21 (1870)
 MYX:mul *Kudoa paraquadricornis* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Carangoides fulvoguttatus (Forskal, 1775) [gold-spotted trevally]

- MYX:mul *Kudoa quadricornis* Whipps *et al.*, 2003; muscle (+ PCR); R21 (1706, 1708)

Carangoides plagiotaenia Bleeker, 1857 [barcheek trevally]

- MYX:mul *Kudoa paraquadricornis* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Pseudocaranx dentex (Bloch & Schneider, 1801) [silver trevally]

- COC:eim *Goussia cruciata* (Thelohan, 1892); liver; R14 (672)

- COC:eim *Goussia* sp.; liver; R13 (669)
 MYX:biv *Myxobolus conei* Lom & Dykova, 1994; liver; R13 (1526)
 MYX:biv *Myxobolus* sp.; liver; R13 (669)
 COC:eim Unidentified coccidian; intestine; R13 (669)

Scomberoides lysan (Forsskal, 1775) [double-spotted queenfish]

- MYX:biv *Auerbachia scomberoidi* Heiniger *et al.*, 2011; gall bladder (+ PCR); R21 (1870)

Seriola lalandi Valenciennes, 1833 [yellowtail kingfish] syn. *S. grandis*

- MYX:biv *Ceratomyxa seriolae* Yokoyama & Fukoda, 2001; gall bladder; R14, R16 (1776)
 MYX:biv *Ceratomyxa buri* Yokoyama & Fukoda, 2001; gall bladder; R14, R16 (1776)
 MYX:mul *Kudoa* sp.; muscle; R21 (79, 658, 1017, 1776)
 MYX:mul *Unicapsula seriolae* Lester, 1982; muscle; R13 (144, 628, 634, 655, 670, 803, 858, 1776, 1777)
 MYX:mul *Unicapsula* sp.; muscle; R13 (79)

Trachinotus blochi (Lacepede, 1801) [snub-nosed dart]

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

Family: CORYPHAENIDAE [dolphinfishes]

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

- PHY:din *Dermocystidium* sp.?; muscle, liver, pancreas; R18 (633)
 MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscles (+ PCR); R13, R18 (628, 632, 633, 634, 670, 858, 1705, 1707)
 MYX:biv *Myxidium* sp.; kidney; R18 (633)
 OLI:mob *Trichodina* sp.; gills; R18 (633)

Family: LUTJANIDAE [snappers and fusiliers]

Lutjanus adetii (Castelnau, 1873) [crimson hussar, yellow-banded hussar] syn. *L. amabilis*

- MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

Lutjanus bohar (Forsskal, 1775) [red bass]

- MYX:biv *Ceratomyxa* sp.; gall bladder; R13 (899)

Lutjanus carponotatus (Richardson, 1842) [yellow stripey]

- OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)

Lutjanus fulviflamma (Forsskal, 1775) [dory snapper]

- MYX:biv *Ceratomyxa milleri* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

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)

Pagrus auratus Forster, 1801 [snapper]

- PHY:din *Amyloodinium ocellatum* Brown, 1931; skin; R13 (1628)

ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; gut (+ PCR); R6 (1717)

Family: GERREIDAE [silver biddys, mojarras]

Gerres subfasciatus (Cuvier, 1830) [silver bidy] syn. *G. ovatus*

OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)

COC:eim *Eimeria nesowai* Lom & Dykova, 1995; intestinal mucosa; R2 (672)

MYX:biv *Myxobolus* sp.; kidney; R13 (669)

MYX:biv *Sphaerospora* sp.; kidney; R13 (669)

OLI:mob *Trichodina* sp.; gills; R13 (669)

COC:eim Unidentified coccidian; intestine; R13 (669)

***Gerres* sp.**

OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

Galaxias olidus Günther, 1866 [mountain galaxias]

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

OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

Family: LETHRINIDAE [emperors, sea breams]

Gymnocranius audleyi Ogilby, 1916 [iodine bream, collared large-eye bream] syn. *Gymnocranius bitorquatus*

MYX:biv *Ceratomyxa nowakae* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (289, 290, 292, 293, 294)

MYX:mul *Kudoa lethrini* Burger *et al.*, 2007; brain; R21 (1333)

MIC:mic Unidentified microsporan; muscle; R13 (899)

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

Lethrinus atkinsoni Seale, 1910 [Pacific yellow-tail emperor]

MYX:biv *Ceratomyxa atkinsoni* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

Lethrinus harak Forsskal, 1775 [thumbprint emperor]

MYX:biv *Ceratomyxa hallettae* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

MYX:mul *Kudoa lethrini* Burger *et al.*, 2007; brain; R21 (1333)

Lethrinus miniatus (Forster in Bloch & Schneider, 1801) [sweetlip emperor, redthroat emperor]

OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R21 (290)

Family: POLYNEMIDAE [threadfins]

Polydactylus macrochir (Günther, 1867) [king threadfin]

MYX:biv *Ceratomyxa diamanti* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

FAMILY: MONODACTYLIDAE [moonfishes, fingerfishes]

Monodactylus argentatus (Linnaeus, 1758) [silver batfish]

MYX:mul *Kudoa monodactyli* Gunter *et al.*, 2006; muscles (+ PCR); R13 (1443)

Family: SPARIDAE [bream]

Acanthopagrus australis (Günther, 1859) [common marine bream, yellowfin bream]

- MYX:biv *Ceratomyxa* sp.; gall bladder; R13 (669)
 OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13, R21 (289, 290, 291, 292, 293, 294)
 COC:eim *Goussia thelohani* Labbe, 1896; liver; R14 (672)
 COC:eim *Goussia* sp.; liver; R13 (669)
 MYX:biv *Henneguya* sp.; gill, gut, fin, cornea; R13 (1024)
 MYX:biv *Myxobolus acanthopagri* Lom & Dykova, 1994; intestines; R13 (1526)
 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)
 COC:eim Unidentified coccidian; gut; RU (788)

Acanthopagrus butcheri (Munro, 1949) [southern black bream]

- ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; gut (+ PCR); R6 (1717)

Rhabdosargus sarba (Forsskål, 1775) [tarwhine]

- OLI:hym *Cryptocaryon irritans* Brown, 1951; surface; R13 (290)
 COC:eim *Goussia thelohani* Labbe, 1896; liver; R14 (672)
 COC:eim *Goussia* sp.; liver; R14 (669, 788)
 MYX:biv *Ortholinea australis* Lom *et al.*, 1992; liver; R13 (669)
 OLI:mob *Trichodina* sp.; gills; R13 (669)
 COC:eim Unidentified coccidian; gut; RU (788)

Sparus [unidentified species]

- MYX:biv Unidentified myxozoan; internal organs; R13 (23, 79)

Family: SCIAENIDAE [drums, croakers]

Argyrosomus japonicus Temminck & Schlegel, 1843 [mulloway, Japanese croaker]

- ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; gut (+ PCR); R6 (1717)
 MYX:mul *Unicapsula* sp.; muscle (+ PCR); R13 (1708)

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

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

Family: GLAUCOSOMATIDAE [pearl perches]

Glaucosoma hebraicum Richardson, 1845 [dhufish]

- OLI:hym *Cryptocaryon irritans* Brown, 1951; skin; R19 (1602)

Family: PEMIPHERIDAE [sweepers]

Pempheris compressus Shaw, 1790 [smallscale bullseye]

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

Pempheris ypsilychnus (Mooi & Jubb, 1996) [sweeper]

- MYX:mul *Kudoa amamiensis* Egusa & Nakajima, 1980; muscle (+ PCR); R21 (1707)
 MYX:mul *Kudoa minithyrsites* Whipps *et al.*, 2003; muscle (+ PCR); R21 (1707, 1708)

Family: KYPHOSIDAE [drummers, sea chubs, rudderfishes]

Girella tricuspidata (Quoy & Gaimard, 1824) [luderick, blackfish]

- MYX:biv *Henneguya* sp.; gills; R13 (669)
 MYX:biv *Myxobolus girellae* Lom & Dykova, 1994; kidney, caeca; R13 (1526)
 MYX:biv *Myxobolus purkynjei* Lom & Dykova, 1994; gills; R13 (1526)
 MYX:biv *Myxobolus* sp.; pyloric caeca; R13 (669)
 OLI:mob *Trichodina* sp.; gills; R13 (669)
 OLI:mob *Trichodinella* sp.; gills; R13 (669)

Family: SCORPIDIDAE [sweeps, stripey]

Microcanthus strigatus (Cuvier & Valenciennes, 1831) [stripey]

- COC:eim *Goussia microcanthi* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)

Scorpius lineolatus Kner, 1865 [silver sweep]

- MYX:biv *Ceratomyxa* sp.; NR; R13 (669)

Family: SCATOPHAGIDAE [scats]

Scatophagus argus (Linnaeus, 1766) [spotted scat]

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

Selenotoca multifasciata Richardson, 1846 [banded scat]

- OLI:mob *Trichodina bassonae* Dove & O'Donoghue, 2005; fins; R1 (1393)

Family: CHAETODONTIDAE [butterflyfishes]

Chaetodon aureofasciatus Macleay, 1878 [golden-striped butterflyfish]

- MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder; R21 (658, 802)
 MYX:biv *Parvicapsula* sp.; kidney; R21 (658)
 MYX:biv Unidentified myxozoan; gall bladder, R21 (802)

Chaetodon plebeius Cuvier & Valenciennes, 1831 [bluespot butterflyfish]

- MYX:biv *Zschokkella heronensis* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

Chaetodon rainfordi McCulloch, 1923 [Rainford's butterflyfish]

- MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder, R21 (658, 802)
 MYX:biv *Myxobolus* sp.; kidney; R21 (658)
 MYX:biv *Ortholinea* sp.; kidney; R21 (658)
 MYX:biv *Ortholinea alata* Kent & Moser, 1990 [= *Kentmoseria alata* (Kent & Moser, 1990) Lom & Dykova, 1995; = *Paraortholinea alata*]; kidney; R21 (610, 1777)

Chaetodon trifasciatis Park, 1797 [redfin butterflyfish]

- MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658, 802)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (802)

Chaetodon unimaculatus Bloch, 1787 [teardrop butterflyfish]

- MYX:biv *Auerbachia chaetodoni* Heiniger *et al.*, 2011; gall bladder (+ PCR); R21 (1870)
 MYX:biv *Kudoa chaetodoni* Burger *et al.*, 2007; brain; R21 (1333)

Family: CICHLIDAE [cichlids]

Oreochromis mossambicus (Peters, 1852) [Mozambique tilapia]

OLI:mob *Trichodina heterodontata* Duncan, 1977; skin, fins, gills; R1 (1393)

Pterophyllum [unidentified angelfish species]

GRE:cry *Cryptosporidium* sp.; gut; RU (aquarium) (627, 628, 634, 858)

Symphysodon [unidentified discus fish species]

ZOO:dip *Hexamita* sp.; gut, liver, blood, head; RU (aquarium) (627, 983, 984)

Family: POMACENTRIDAE [damsel-fishes]

Abudefduf bengalensis (Bloch, 1787) [Bengal sergeant]

MYX:mul *Kudoa amamiensis* Egusa & Nakajima, 1980; muscles (+ PCR); R21 (1744)

MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Abudefduf septemfasciatus (Cuvier, 1830) [banded sergeant]

MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Abudefduf sexfasciatus (Lacepede, 1801) [scissortail sergeant]

MYX:biv *Ceratomyxa kenti* Gunter & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

MYX:biv *Myxidium queenslandicus* Gunter & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

Abudefduf sordidus (Forsskal, 1775) [blackspot sergeant]

MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Abudefduf vaigiensis (Quoy & Gaimard, 1825) [Indo-Pacific sergeant]

MYX:biv *Myxidium queenslandicus* Gunter & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

Abudefduf whitleyi (Allen & Robertson, 1974) [Whitley's sergeant]

MYX:biv *Ceratomyxa bryanti* Gunter & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

MYX:biv *Ceratomyxa falcatus* Gunter & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

MYX:mul *Kudoa amamiensis* Egusa & Nakajima, 1980; muscles (+ PCR); R21 (1744)

MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Acanthochromis polyacanthus (Bleeker, 1855) [spiny chromis, spiny puller]

MYX:biv *Ceratomyxa dennisii* Gunter & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Amphiprion akindynos Allen, 1972 [Barrier Reef anemonefish]

MYX:mul *Kudoa kenti* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Amphiprion melanopus Bleeker, 1852 [fire clownfish]

MYX:mul *Kudoa kenti* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

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

MYX:biv *Sinuolinea* sp.; gall bladder; R21 (658, 802)

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

Chromis viridis (Cuvier, 1830) [blue green damselfish]MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Chrysiptera cyanae*** (Quoy & Gaimard, 1825) [sapphire devil]MYX:biv *Ceratomyxa talboti* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Dascyllus aruanus*** (Linnaeus, 1758) [whitetail dascyllus]MYX:biv *Ceratomyxa burgerae* Gunter & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Dischistodus chrysopoecilus*** (Schlegel & Muller, 1839) [lagoon damsel]MYX:biv *Ceratomyxa talboti* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)***Dischistodus pseudochrysopoecilus*** (Allen & Robertson, 1974) [monarch damsel]MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Dischistodus perspicillatus*** (Cuvier, 1830) [white damsel]MYX:biv *Ceratomyxa capricornensis* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:mul *Kudoa kenti* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Neoglyphidodon melas*** (Cuvier, 1830) [bowtie damselfish]MYX:biv *Ceratomyxa lunula* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:biv *Ceratomyxa talboti* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Parma microlepis*** Gunther, 1862 [white-ear]COC:eim *Haemogregarina aulopi* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)COC:ade *Haemogregarina parmae* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)ZOO:kin *Trypanoplasma parmae* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)ZOO:kin *Trypanosoma pulchra* Mackerras & Mackerras, 1925; blood; R14 (79, 684, 696)***Paraglyphidodon melas*** (Cuvier, 1830) [black damsel]OLI:mob *Trichodina* sp.; NR; R21 (658)***Plectroglyphidodon leucozonus*** (Bleeker, 1859) [singlebar devil]MYX:biv *Ceratomyxa talboti* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)MYX:mul *Kudoa kenti* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)***Pomacentrus chrysurus*** (Cuvier, 1830) [whitetail damsel]MYX:biv *Ceratomyxa cribbi* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:biv *Ceratomyxa talboti* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)MYX:mul *Kudoa gunterae* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)MYX:mul *Kudoa whippsi* Burger & Adlard, 2009; muscles (+ PCR); R21 (1791)

Pomacentrus melanochir Russell *et al.*, 1974 [white-tailed damsel] Note: *P. melanochir* not recorded from this region, probable mis-identification of *P. chrysurus* (Cuvier, 1830)

COC:ade *Haemogregarina* sp.; blood; R21 (137, 658)

Pomacentrus wardi Whitley, 1927 [Ward's damsel]

MYX:biv *Ceratomyxa moseri* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

MYX:biv *Ceratomyxa sewelli* Gunther & Adlard, 2008; gall bladder (+ PCR); R21 (1745)

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

Family: ARRIPIDAE [Australian salmon, kahawai]

Arripis trutta Whitley, 1949 [Australian salmon]

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

Family GADOPSIDAE [blackfish]

Gadopsis bispinosus Sanger, 1984 [2-spined blackfish]

MYX:biv *Myxobolus godopsii* Langdon, 1990; muscles, connective tissue; R2, R4 (629)

Gadopsis marmoratus Richardson, 1848 [river blackfish, slippery]

MYX:biv *Myxobolus godopsii* Langdon, 1990; muscles, connective tissue; R2, R4 (629)

MYX:biv *Myxosoma* sp.; gills; RU (35)

OLI:hym *Ichthyophthirius multifiliis* Fouquet, 1876; body surface; R2, R4 (79, 138, 140)

PHY:cyr *Chilodonella cyprini* (Moroff, 1902); skin, gills; R2, R4 (32, 79, 144, 628, 634)

Family: CHEILODACTYLIDAE [morwongs]

Cheilodactylus fuscus Castelnau, 1879 [red morwong]

COC:eim *Eimeria cheilodactyli* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)

COC:eim *Eimeria dykova* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)

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

Family: LATRIDAE [trumpeters]

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

MYX:mul *Pentacapsula neurophila* Grossel *et al.*, 2003; brain (+ PCR); R3 (1441, 1708, 1777)

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

Order: MUGILIFORMES

Family: MUGILIDAE [mulletts, grey mulletts]

Aldrichetta forsteri (Cuvier & Valenciennes, 1836) [yellow-eyed mullet]

MYX:biv *Myxobolus aldrichetti* Su & White, 1994; gills; R15 (1110)

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

Liza vaigiensis (Quoy & Gaimard, 1825) [square-tail mullet]

MYX:biv *Ceratomyxa robertsthomsoni* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

Mugil cephalus Linnaeus, 1758 [sea mullet]

GRE:cry *Cryptosporidium* sp.; gut scraping (+ PCR); R6 (1841)

ZOO:dip *Giardia duodenalis* (Davaine, 1875) Filice, 1952; gut (+ PCR); R6 (1717)

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 rohdei* Lom & Dykova, 1994; kidney; R13 (1526)
 MYX:biv *Myxobolus spinacurvatura* Lom & Dykova, 1994; intestines, liver, gall bladder; R13 (1526)
 MYX:biv *Myxobolus* sp.; skin, gall bladder, intestines; R13, R21 (144, 658, 669, 802)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (802)

Myxus elongatus Günther, 1861 [sand mullet]

- COC:eim *Eimeria* sp.; pyloric caeca; R13 (669)
 MYX:biv *Sphaerospora* sp.; kidney; R13 (669)
 OLI:mob *Trichodinella* sp.; gills; R13 (669)

Oedalechilus labiosus (Cuvier & Valenciennes, 1836) [fringe-lip mullet] syn. *Crenimugil labiosus*

- MYX:biv *Myxobolus* sp.; gall bladder; R21 (658, 802)

Unidentified mullet species

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

Family: LABRIDAE [wrasses]

Cheilinus chlorourus (Bloch, 1791) [floral wrasse]

- MYX:biv *Ceratomyxa cheilinae* Heiniger *et al.*, 2008; gall bladder (+ PCR); R21 (1746)

Choerodon cephalotes (Castelnau, 1875) [purple tuskfish]

- MYX:biv *Ceratomyxa heinigeriae* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

Choerodon cyanodus (Richardson, 1843) [blue tuskfish]

- MYX:biv *Ceratomyxa choerodona* Heiniger *et al.*, 2008; gall bladder (+ PCR); R21 (1746)
 MYX:biv Unidentified myxozoan; gall bladder; R21 (658, 802)

Choerodon venustus (De Vis, 1884) [Venus tuskfish]

- MYX:biv *Ceratomyxa sprengi* Moser *et al.*, 1989; gall bladder; R21 (658, 802)
 OLI:mob *Trichodina* sp.; gill; R13 (899)
 MIC:mic Unidentified microsporan; liver; R13 (899)
 MYX:biv *Zschokkella heronensis* Moser *et al.*, 1989; gall bladder; R21 (658, 802)

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)

Odax cyanomelas (Richardson, 1850) [herring cale, wrasse]

- ZOO:tri Unidentified trichomonads; gut; R13 (1364)

Oxycheilinus digramma (Lacepede, 1801) [cheek-lined wrasse]

- MYX:biv *Ceratomyxa oxycheilinae* Heiniger *et al.*, 2008; gall bladder (+ PCR); R21 (1746)

Pseudolabrus guentheri Bleeker, 1862 [Gunther's wrasse]

- MYX:biv *Ceratomyxa jonesi* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

Thalassoma lunare (Linnaeus, 1758) [moon wrasse]

MYX:biv *Ceratomyxa thalassomae* Heiniger *et al.*, 2008; gall bladder (+ PCR); R21 (1746)

MYX:mul *Hexacapsula* sp.; muscle (+ PCR); R13 (1708)

MYX:mul *Kudoa thalassomi* Adlard *et al.*, 2005; muscles; R21 (1281)

Family: SCARIDAE [parrotfishes]

Chlorurus sordidus (Forsskal, 1775) [bullethead parrotfish]

COC:ade *Haemohormidium* sp.; blood; R21 (1648)

Scarus psittacus Forsskal, 1775 [palenose parrotfish]

COC:ade *Haemogregarina tetraodontis* Mackerras & Mackerras, 1961; blood; R21 (1648)

COC:ade *Haemohormidium* sp.; blood; R21 (1648)

Family: BLENNIIDAE [blennies]

Ecsenius bicolor (Day, 1888) [bicolour blenny]

COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; blood; R21 (137, 658)

Istiblennius meleagris (Cuvier & Valenciennes, 1836) [blue-spotted blenny]

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

Parablennius tasmanianus (Richardson, 1849) [Tasmanian blenny]

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

Petroscirtes fallax Smith-Vaniz, 1976 [yellow sabretooth blenny]

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

Petroscirtes (unidentified species)

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

Salarias fasciatus (Bloch, 1786) [jewelled blenny]

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

Family: CLINIDAE [clinids]

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

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

MYX:biv *Sphaeromyxa noblei* Lom, 2004; gall bladder; R13 (1527)

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

Family: CALLIONYMIDAE [dragonets]

Callionymus limiceps Ogilby, 1908 [dragonet]

MYX:biv *Myxidium* sp.; gall bladder; R13 (899)

MYX:biv *Zschokkella* sp.; gall bladder; R13 (899)

Family: ELEOTRIDAE [sleepers]

Gobiomorphus australis (Krefft, 1862) [striped gudgeon] = *Mogurnda australis*

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

Gobiomorphus gobioides (Cuvier & Valenciennes, 1837) [bullie] Note: this species is endemic in New Zealand, host may be referable to *G. coxii* Krefft, 1864

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

Hypseleotris compressa (Krefft, 1864) [empire gudgeon]

COC:eim *Goussia callinani* Molnar & Rohde, 1988; intestinal mucosa; R2 (628, 634, 789, 858)

MYX:biv *Myxosoma* sp.; muscle; R2 (984)

OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

Hypseleotris galii (Ogilby, 1898) [firetailed gudgeon]

OLI:mob *Trichodina cribbi* Dove & O'Donoghue, 2005; gills; R4 (1393)

OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

Hypseleotris klunzingeri (Ogilby, 1898) [western carp gudgeon]

OLI:ses *Apiosoma* sp.; skin; R4 (1030)

OLI:mob *Trichodina cribbi* Dove & O'Donoghue, 2005; gills; R4 (1393)

OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

OLI:mob *Trichodina* sp.; skin, gills; R4 (1030)

OLI:mob *Trichodinella* sp.; gills; R4 (669)

Hypseleotris sp. [carp gudgeon]

OLI:mob *Trichodina cribbi* Dove & O'Donoghue, 2005; gills; R4 (1393)

Oxyeleotris lineolatus (Steindachner, 1867) [sleepy cod]

OLI:mob *Trichodina* sp.; NR; RU (aquarium) (144)

Philypnodon grandiceps (Krefft, 1864) [big-headed gudgeon]

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

OLI:mob *Trichodina heterodentata* Duncan, 1977; skin, fins, gills; R1 (1393)

Unidentified gudgeon species

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

Family: GOBIIDAE [gobies]

Gobiodon citrinus (Ruppell, 1838) [poison goby]

MYX:biv *Coccomyxa gobiodoni* Heiniger *et al.*, 2011; gall bladder (+ PCR); R21 (1870)

Nesogobius sp. (Last *et al.*, 1983) [goby]

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

OLI:mob *Trichodina jadratica* Raabe, 1958; gills; R15 (1111)

OLI:mob *Trichodina nesogobii* Su & White, 1995; gills; R15 (1111)

Family: SIGANIDAE [rabbitfishes]

Siganus fuscescens (Houttuyn, 1797) [dusky rabbitfish]

LIT:ves *Balantidium* sp.; gut; R13 (899)

OLI:mob *Trichodina* sp.; gills; R13 (899)

Siganus lineatus (Valenciennes, 1835) [golden-lined spinefoot]

MYX:biv *Ceratomyxa barnesi* Gunter *et al.*, 2009; gall bladder (+ PCR); R21 (1783)

Siganus punctatus (Bloch & Schnieder, 1801) [gold-spotted spinefoot] syn. *S. chrysozilus*

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

Family: ACANTHURIDAE [surgeonfishes]

Acanthurus dussumieri Cuvier & Valenciennes, 1835 [Dussumier's surgeonfish]

ZOO:dip *Hexamita* sp.; intestine; R13 (669)

Acanthurus nigrofuscus Forsskål, 1775 [dusky surgeonfish, brown surgeonfish]

COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; blood; R21 (1648)

OPA:opa *Protoopalina* sp.; NR; RU (279)

OPA:opa *Protoopalina polykineta* Grim & Clements, 1996; intestines; R21 (429)

Acanthurus xanthopterus Valenciennes, 1835 [yellowfin surgeonfish]

COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; blood (exptl. infection); R21 (1879)

COC:ade *Haemogregarina balistapi* Smit *et al.*, 2006; blood (exptl. infection); R21 (1879)

Ctenochaetus striatus (Quoy & Gaimard, 1825) [bristle-tooth surgeonfish]

COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; blood; R21 (1648)

Naso tonganus Valenciennes, 1835 [bulbnose unicornfish]

LIT:ves *Balantidium jocularum* Grim, 1993; intestines; R21 (1799)

Naso tuberosis Lacepede, 1802 [humpnose unicornfish]

LIT:ves *Balantidium jocularum* Grim, 1993; intestines; R21 (428) [type host misidentified and subsequently amended to *Naso tonganus*]

Zebrasoma scopas Cuvier, 1829 [brushtail tang]

LIT:ves *Balantidium zebrascopi* Grim, 1992; intestines; R21 (427)

COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; blood; R21 (1648, 1879)

COC:ade *Haemohormidium* sp.; blood; R21 (1648)

SPI:cle *Paracichlidotherus leeuwenhoekii* Grim, 1992; intestines; R21 (127, 427)

Zebrasoma veliferum (Bloch, 1795) [purple sail-finned tang]

COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; blood; R21 (1648)

Family: GEMPYLIDAE [snake mackerels]

Thyrsites atun (Euphrasen, 1791) [barracouta] syn. *Scomber atun*, *Leionura atun*

MYX:mul *Kudoa thyrsites* (Gilchrist, 1924); muscle; RU, R14, R15 (79, 93, 574, 858, 1027, 1070, 1245)

LOB:amo *Neoparamoeba pemaquidensis* (Page, 1970) syn. *Paramoeba pemaquidensis* Page, 1970; gills; R3 (1571)

MIC:mic *Pleistophora* sp.; NR; RU (858)

Family: SCOMBRIDAE [mackerels and tunas]

Grammatorcynus bicarinatus (Quoy & Gaimard, 1825) [shark mackerel]

- MYX:mul *Hexacapsula* sp.; muscle (+ PCR); R13 (1708)
 MYX:mul *Kudoa grammatorcyni* Adlard *et al.*, 2005; muscles; R21 (1281)

Scomberomorus commerson (Lacepede, 1800) [narrow-barred Spanish mackerel]

- MYX:mul *Hexacapsula* sp.; muscle (+ PCR); R13 (1708)
 MYX:mul *Kudoa permulticapsula* Whipps *et al.*, 2003; muscle (+ PCR); R21 (1706, 1708, 1777)
 MYX:mul *Kudoa scomberomori* Adlard *et al.*, 2005; muscles; R21 (1281)

Thunnus maccoyii Castelnau, 1872 [southern bluefin tuna]

- MYX:mul *Kudoa* sp.; muscles, nerves; R18 (629, 858, 1803)
 OLI:scu *Uronema nigricans* (Mueller, 1786); brain; R16 (859, 1574, 1575, 1803, 1808)
 OLI:scu *Uronema* sp.; NR; RU (858, 1223)

Order: PLEURONECTIFORMES

Family: PLEURONECTIDAE [righteye flounders]

Rhombosolea tapirina Günther, 1862 [greenback flounder]

- LOB:amo *Neoparamoeba pemaquidensis* (Page, 1970) syn. *Paramoeba pemaquidensis* Page, 1970; gills (exptl.); R3 (1388)
 MIC:mic Unidentified microsporan; liver; RU (aquarium) (858)

Order: TETRAODONTIFORMES

Family: BALISTIDAE [triggerfishes]

Balistapus undulates (Park, 1797) [orange-lined triggerfish]

- COC:ade *Haemogregarina balistapi* Smit *et al.*, 2006; blood; R21 (1648)

Rhinecanthus aculeatus (Linnaeus, 1758) [blackbar triggerfish]

- COC:ade *Haemogregarina balistapi* Smit *et al.*, 2006; blood; R21 (1879)

Sufflamen chrysopterus (Bloch & Schneider, 1801) [flagtail triggerfish, halfmoon triggerfish] syn. *S. chrysopterus*

- MYX:biv *Ceratomyxa* sp.; gall bladder; R21 (658, 802)
 COC:ade *Haemogregarina balistapi* Smit *et al.*, 2006; blood; R21 (1648)
 MYX:biv *Myxobolus* sp.; kidney; R21 (658)

Family: MONACANTHIDAE [filefishes]

Cantherhines (unidentified leatherjacket species) = *Monacanthus* sp.

- UNC:sta Unidentified haemoprotzoan; blood; R14 (79, 568, 570, 684)

Colurodontis paxmani Hutchins, 1977 [Paxman's leatherjacket]

- MYX:biv *Coccomyxa colurodontidis* Heiniger *et al.*, 2011; gall bladder (+ PCR); R21 (1870)

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)
 ZOO:dip *Hexamita* sp.; intestine; R13 (669)
 MYX:biv Unidentified myxozoan; urinary bladder; R13 (669)

Paramonacanthus filicauda (Günther, 1880) [threadfin leatherjacket]

MIC:mic Unidentified microsporan; liver, R13 (899)

Family: OSTRACIIDAE [boxfishes, cowfishes, trunkfishes]

Ostracion cubicus Linnaeus, 1758 [yellow boxfish]

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

Family: TETRAODONTIDAE [puffers]

Arothron hispidus (Linnaeus, 1758) [stars and stripes toadfish] syn. *Tetraodon hispidus*

COC:ade *Haemogregarina tetraodontis* Mackerras & Mackerras, 1961; blood; R13, R27 (79, 696)

Marilyna pleurosticta (Günther, 1871) [banded toad] syn. *Sphaeroides pleurostictus*

COC:eim *Eimeria pleurosticti* Molnar & Rohde, 1988; intestinal mucosa; R14 (788)

Tetractenos glaber (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)

Family: DIODONTIDAE [porcupinefishes, burrfishes]

Diodon hystrix Linnaeus, 1758 [porcupine fish]

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

MYX:biv *Parvicapsula* sp.; kidney; R21 (658)

Phylum: ARTHROPODA [arthropods]

Subphylum: CRUSTACEA [crustaceans]

Order: COPEPODA [copepods]

Family: CALANOIDAE

Boeckella fluvialis Henry, 1922 [copepod]

OLI:mob *Trichodina diaptomi* Basson & Van As, 1991; surface; R4 (1436)

Boeckella minuta Sars, 1896 [copepod]

OLI:mob *Trichodina diaptomi* Basson & Van As, 1991; surface; R4 (1436)

Boeckella triarticulata (Thomson, 1883) [copepod]MIC:mic *Tuzetia boeckella* Milner & Mayer, 1982; muscles; R4 (778)

Family: CYCLOPOIDAE

Apocyclops dengizicus (Lepeschkin, 1900) [copepod]MIC:mic *Duboscqia dengihilli* Sweeney *et al.*, 1993; NR; R1 (1668)MIC:mic *Duboscqia* sp.; NR; R1 (1123)***Mesocyclops albicans*** (Smith)MIC:mic *Amblyospora dyxenoides* Sweeney *et al.*, 1988; NR; 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 *Embryocola sulcatus* Michajlow, 1972; larvae; R1, R2 (771)PHY:eug *Naupliicola* sp.; larvae; R1, R2 (771)PHY:eug *Parastasiella naupliorum* Michajlow, 1972; larvae; R1, R2 (771)***Mesocyclops*** (unidentified species)MIC:mic *Amblyospora dyxenoides* Sweeney *et al.*, 1988; NR; 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, 1906PHY:din *Syndinium* sp.; coelum; R13 (612, 1068)**Unidentified cyclopoid species**MIC:mic *Amblyospora indocola* Vavra *et al.*, 1984; NR; R1 (1122, 1123)

Order: MALACOSTRACA [prawns, crabs, woodlice]

Family: EUPHAUSIIDAE [krill]

Euphausia superba Dana, 1850 [krill]PHY:exo *Ephelota* sp.; body; R29 (1794)

OLI:apo Unidentified foettingeriid ciliate; body surface; R29 (1794)

Suborder: ISOPODA [isopods]

Family: GNATHIIDAE

Gnathia aureamaculosa Ferreira *et al.*, 2009 [gnathiid isopod]COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; tissue smears; R21 (1879)COC:ade *Haemogregarina balistapi* Smit *et al.*, 2006; tissue smears; R21 (1879)***Gnathia* spp.** [isopods]

COC:ade *Haemogregarina hemiscyllii* Mackerras & Mackerras, 1961; squash; R21 (1543)
 COC:ade *Haemogregarina bigemina* Laveran & Mesnil, 1901; larval smears; R21 (1648)
 COC:ade *Haemogregarina* sp.; larval smears; R21 (1648)

Family: PHREATOICIDAE

Colubotelson chiltoni (Sheppard, 1927)

OLI:ses *Operculigera inornata* Clamp & Kane, 2003; pleopods; R3 (1360)

Colubotelson joyneri (Nicholls, 1926)

OLI:ses *Operculigera montanea* Kane, 1969; pleopods; R2 (1360)

Colubotelson searlei Nicholls, 1944

OLI:ses *Operculigera montanea* Kane, 1969; pleopods; R2 (1360)

OLI:ses *Setonophrys nivalis* (Kane, 1969) syn. *Lagenophrys nivalis*; pereopods, dorsum; R2 (1360, 1796)

***Colubotelson* sp.**

OLI:ses *Operculigera montanea* Kane, 1969; pleopods; R2 (1360, 1796)

Mesacanthotelson tasmaniae (Thompson, 1894)

OLI:ses *Operculigera haswelli* Clamp & Kane, 2003; pleopods; R3 (1360)

Metaphreatoicus australis (Chilton, 1891)

OLI:ses *Operculigera obstipa* Clamp, 1991; pleopods; R4 (195)

Phreatoicoides longicollis Nicholls, 1943

OLI:ses *Operculigera zeehanensis* Kane, 1969; pleopods; R3 (1360, 1796)

Phreatoicopsis terricola Spencer & Hall, 1896

OLI:ses *Operculigera inornata* Clamp & Kane, 2003; pleopods; R2 (1360)

***Phreatoicopsis* sp.**

OLI:ses *Operculigera inornata* Clamp & Kane, 2003; pleopods; R2 (1360)

Synamphisopus ambiguus (Sheard, 1936)

OLI:ses *Setonophrys communis* (Kane, 1965); exoskeleton; R4 (15, 607)

Suborder: DECAPODA [decapods]

Family: TRAPEZIIDAE [coral crabs]

Trapezia septata Dana, 1852 [honeycomb coral crab] syn. *T. aerolata*

PHY:din *Haematodinium australis* Hudson & Shields, 1994; gill, blood; R13 (502, 1068)

Trapezia cymodoce (Herbst, 1799) [blue coral crab] syn. *T. coerulea*

PHY:din *Haematodinium* sp.; gill; R13 (502)

Family: PORTUNIDAE [crabs]

Portunus pelagicus (Linnaeus, 1766) [sand crab]

PHY:end *Acineta* sp.; gills; R13 (1067)
 COC:eim *Aggregata* sp.; connective tissues; R13 (1067)
 MIC:mic *Ameson* sp.; muscles, blood, ovaries; R13 (1067, 1666)
 PHY:din *Hematodinium australis* Hudson & Shields, 1994; blood; R21 (503, 506, 1067, 1068)
 PHY:din *Hematodinium* sp.; haemolymph; R13 (505)
 GRE:eug *Nematopsis* sp.; foregut; R13 (1067)
 OLI:ses *Operculariella* sp.; gills; R13 (1067)
 MIC:mic *Thelohania* sp.; foregut; R13 (1067)
 OLI:scu *Paranophrys* sp.; haemolymph; R13 (1067)

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

PHY:end *Acineta* sp.; gills; R13 (504)
 OLI:ses *Epistylis* sp.; gills; R13 (504)
 PHY:din *Haematodinium australis* Hudson & Shields, 1994; blood; R13 (503, 504, 1068)

Family: PENEIDAE [prawns]

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

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

Penaeus esculentus Haswell, 1879 [tiger prawn]

MIC:mic *Ameson nelsoni* (Sprague, 1950); muscles; R21 (918, 919)
 MIC:mic *Thelohania duorara* Iverson & Manning, 1959; NR; R21 (10)

Penaeus japonicus Bate, 1888 [Karuma prawn]

PHY:end *Acineta* sp.; gills; R1 (501)
 OLI:ses *Cothurnia* sp.; gills; R1 (501)
 PHY:exo *Ephelota* sp.; gills; R1 (501)
 OLI:ses *Lagenophrys* sp.; gills; R1 (501)
 OLI:ses *Zoothamnium* sp.; gills; R1 (501)
 MIC:mic Unidentified microsporidian; hepatopancreas; R1 (1470)

Penaeus latisulcatus Kishinouye, 1896 [western king prawn]

MIC:mic *Agmasoma penaei* (Sprague, 1950); muscles, connective tissue; R21 (10, 921)
 MIC:mic *Thelohania duorara* Iverson & Manning, 1959; muscles, connective tissue; R21 (918, 919)

Penaeus longistylus Kubo, 1943 [redspot king prawn]

MIC:mic *Agmasoma penaei* (Sprague, 1950); muscles, connective tissue; R21 (10, 921)
 MIC:mic *Thelohania duorara* Iverson & Manning, 1959; muscles, connective tissue; R21 (918, 919)

Penaeus merguensis de Man, 1888 [banana prawn]

MIC:mic *Ameson nelsoni* (Sprague, 1950); muscles; R21, R27 (918, 919)
 MIC:mic *Thelohania duorara* Iverson & Manning, 1959; muscles; R21 (10, 921)

Penaeus monodon Fabricius, 1798 [giant tiger prawn]

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

Penaeus plebejus Hess, 1865 [eastern king prawn]

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

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

Penaeus semisulcatus de Haan, 1844 [green tiger prawn]

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

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

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

Penaeus (unidentified species)

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

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

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

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

Family: PALAEOMONIDAE [long-arm shrimps]

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

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

OLI:ses *Lagenophrys turneri* Kane, 1969; gill lamellae; R8 (1360, 1796)

Macrobrachium (unidentified species)

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

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

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

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

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

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

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

Family: PARASTACIDAE [freshwater crayfishes]

Cherax albidus Clark, 136 [white yabby]

MIC:mic *Thelohania* sp.; muscle; R6 (1486)

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

OLI:ses *Epistylis* sp.; exoskeleton; R6 (1486)

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

OLI:ses *Lagenophrys* sp.; exoskeleton; R6 (1486)

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 *Pleistophora* sp.; muscle; R5 (893)

MIC:mic *Thelohania montirivulorum* Moodie *et al.*, 2003; muscle (+ PCR); R1 (1552)

MIC:mic *Thelohania parastaci* Moodie *et al.*, 2003; muscle (+ PCR); R1 (1553)

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

MIC:mic *Vairimorpha cheracis* Moodie *et al.*, 2003; muscle (+ PCR); R1 (1554)

- OLI:ses *Cothurnia* sp.; gills, pleopods; R5 (893)
 OLI:ses *Epistylis* sp.; gills, pleopods; R5 (175, 893)
 OLI:ses *Epistylis variabilis* Stiller, 1942; gills, pleopods; R5 (893)
 OLI:ses *Lagenophrys darwini* Kane, 1965; gills, pleopods; R5 (893)
 OLI:ses *Lagenophrys ocellulosa* 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 *Pyxicola bicalceata* Kane, 1964; gills; RU (175, 920, 945)
 OLI:ses *Pyxicola carter* Kent, 1882; pleopods; R5 (893)
 OLI:ses *Pyxicola jacobii* Kane, 1964; gills; RU (175, 773, 920, 945)
 OLI:ses *Pyxicola pusilla* Wrzesniowski, 1870; pleopods; R5 (893)
 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 *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 fluviatilis* Stokes, 1885; pleopods, gills; R5 (893)
 PHY:end *Acineta tuberosa* Ehrenberg, 1833; pleopods, gills; R5 (893)
 PHY:end *Tokophrya cyclosum* (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 Unidentified microsporidian; connective tissue; R1 (1403)
 MIC:mic *Vavraia parastacida* Langdon, 1991; muscles; R1 (630, 631)
 MIC:mic *Vavraia* sp.; NR; RU (175)
 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 ocellulosa* 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 *Microsporidium* sp.; NR; RU (10)
 MIC:mic *Thelohania* sp.; NR; RU (175)
 MIC:mic *Vavraia parastacida* Langdon, 1991; muscles; R6 (630, 631, 635)
 MIC:mic *Vavraia* sp.; NR; RU (175)
 OLI:ses *Cothurnia* sp.; gills, pleopods; R5 (175, 893)
 OLI:ses *Epistylis* sp.; exoskeleton, gills; R1, R5 (10, 175, 472, 794, 893, 920, 1210)
 OLI:ses *Epistylis variabilis* Stiller, 1942; gills, pleopods; R5 (893)
 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* Nenner, 1948; gills, pleopods; R5 (893)
 OLI:ses *Vorticella jaerae* Precht, 1935; gills, pleopods; R5 (893)
 OLI:ses *Vorticella* sp.; exoskeleton, gills; R1, R5 (10, 472, 794, 893, 920, 945)
 OLI:ses *Zoothamnium* sp.; exoskeleton; R1 (10, 175, 472, 794, 920, 945)
 PHY:end *Acineta fluviatilis* Stokes, 1885; pleopods, gills; R5 (893)
 PHY:end *Acineta tuberosa* Ehrenberg, 1833; pleopods, gills; R5 (893)

Engaeus fultoni Smith & Schuster, 1913

- OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (195, 607)
 OLI:ses *Stylohedra jacobii* Kane, 1969; setae; R2 (1796)

Engaeus hemircirratulus Smith & Schuster, 1913 syn. *Austroastacus hemircirratulus*

- OLI:ses *Lagenophrys engaei* Kane, 1965; gill filaments; R2, R3 (607, 794)

Engaeus quadrimanus Clark, 1936 syn. *Engaeus marmoratus*

- OLI:ses *Setonophrys communis* (Kane, 1965); gills; R2 (195)

Engaeus victoriensis Smith & Schuster, 1913

- OLI:ses *Lagenophrys engaei* Kane, 1965; gills; R2, R3 (607, 794)

Engaeus (unidentified species)

- OLI:ses *Setonophrys communis* (Kane, 1965); exoskeleton; R2, R3 (195, 607, 794)
 OLI:ses *Setonophrys seticola* (Kane, 1965); cuticle; R2 (195, 607, 794)

Euastacus armatus (Von Martens, 1966) [Murray crayfish] syn. *E. serratus*

- OLI:ses *Setonophrys communis* (Kane, 1965); gills, exoskeleton; R4 (195, 607, 794)

Euastacus nobilis (Dana, 1852) [noble crayfish]

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

Euastacus (unidentified species)

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

Geocharax falcata Clarke, 1941

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

OLI:ses *Setonophrys seticola* (Kane, 1965); pleopods; R2 (195)

OLI:ses *Setonophrys tricorniculata* Clamp, 1991; pleopods; R2 (195)

Parastacoides tasmanicus (Erichson, 1846)

OLI:ses *Lagenophrys petila* Clamp, 1994; gills, pleopods; R3 (196)

Unidentified freshwater crayfish species

OLI:ses *Lagenophrys* sp.; gills; RU (465)

OLI:ses *Pyxidium* sp.; gills; RU (465)

Family: PALINURIDAE [marine crayfish, spiny lobsters]

Panulirus ornatus (Fabricus, 1798) [ornate spiny lobster]

MIC:mic Unidentified microsporan; musculature; R27 (282)

Panulirus cygnus George, 1962 [western rock lobster]

MIC:mic Unidentified microsporan; musculature; R18 (282)

Family: ALPHEIDAE [snapping shrimp]

Alpheus (unidentified species)

UNC:sta Unidentified ciliate; gills; R21 (658)

Family: HIPPOLYTIDAE [shrimps]

Saron marmoratus (Nobili, 1904)

OLI:apo Unidentified apostome ciliate; gills; R21 (658)

GRE:eug Unidentified gregarine; intestine, rectum; R21 (658)

Family: PILUMNIDAE [hairy crabs]

Unidentified pilumnid species

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

Family: XANTHIDAE [dark-fingered reef crabs]

Leptodius sanguineus (Edwards, 1834)

OLI:ses *Epistylis* sp.; gills; R21 (658)

Class: ARACHNIDA [arachnids]

Order: ACARINA [ticks, mites]

Family: IXODIDAE [hard ticks]

Amblyomma limbatum Neumann, 1899 [reptile tick]

HEM:hae *Hemolivia mariae* Smallridge & Paperna, 1997; intestines; R5 (1076, 1588, 1642, 1643, 1644, 1646)

Aponomma hydrosauri (Denny, 1843) [reptile tick]

HEM:hae *Hemolivia mariae* Smallridge & Paperna, 1997; intestines; R5 (1642)

Aponomma trimaculatum (Lucas, 1878) [reptile tick]

COC:ade *Haemogregarina varanicola* Johnston & Cleland, 1910; intestine; R1 (128, 581)

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

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

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

HEM:pir *Babesia bovis* (Babes, 1888) Starcovici, 1893; 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.; NR; R1 (1001)

Haemaphysalis bancrofti Nuttall & Warburton, 1915 [wallaby tick]

HEM:pir *Theileria mutans* (Theiler, 1906) Franca, 1909; NR; R1 (1105)

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

Ixodes australiensis Neumann, 1904 [tick]

ZOO:kin *Trypanosoma copemani* Austen *et al.*, 2009; faeces, midgut (+ PCR); R6 (1883)

Rhipicephalus sanguineus (Latrielle, 1806) [brown dog tick]

HEM:pir *Babesia* sp.; homogenate (PCR); R8 (1480)

HEM:pir *Babesia canis* (Piana & Galli-Valerio, 1895); homogenate (PCR); R1 (1900)

Class: INSECTA [insects]

Order: SIPHONAPTERA [fleas]

Family: PULICIDAE [fleas]

Spilopsyllus cuniculi (Dale, 1878) [European rabbit flea]

ZOO:kin *Trypanosoma nabiasi* Railliet, 1895; homogenate (PCR); R2 (1888)

Order: BLATTODEA [cockroaches]

Family: BLATTIDAE [cockroaches]

Periplaneta australasiae Fabricius, 1775 [house cockroach]

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

Family: BLABERIDAE [wood cockroaches]

Panesthia cribrata Saussure, 1864 [wood cockroach]

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

Order: ISOPTERA [termites]

Family: MASTOTERMITIDAE [giant termite]

Mastotermes darwiniensis Froggatt, 1897 [giant termite, Great Northern termite]

ZOO:hyp *Deltotrichonympha nana* Cleveland, 1966; hindgut; R1, R8, R10 (1208, 1370, 1695)

ZOO:hyp *Deltotrichonympha operculata* Sutherland, 1933; hindgut; R1, R8, R10 (1113, 1208, 1370, 1465, 1670, 1671, 1673, 1695)

ZOO:kin *Dimastigella trypaniformis* Sandon, 1928; hindgut (lab. colony); RU (1301, 1321)

ZOO:hyp *Koruga bonita* Cleveland, 1966; hindgut; RU, R8 (1208, 1368, 1670, 1671, 1673, 1695)

ZOO:tri *Metadevescovina extranea* Kirby, 1945; hindgut (+ lab. colony); RU, R8 (1300, 1504)

ZOO:tri *Mixotricha paradoxa* Sutherland, 1933; hindgut (+ lab. colony); RU, R1, R8, R10 (1113, 1208, 1366, 1369, 1467, 1695, 1704)

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

ZOO:tri *Pentatrichomonoides scroa* Kirby, 1945; hindgut (lab. colony); RU (1300)

ZOO:tri *Pentatrichomonoides* sp.; hindgut; R1 (1327)

ZOO:hyp Unidentified hypermastigids; hindgut; RU (1071, 1208, 1367)

Family: TERMOPSISIDAE [dampwood termites]

Porotermes adamsoni (Froggatt, 1897) [syn. *P. grandis* Holmgren]

ZOO:hyp *Joenina pulchella* Grassi, 1917; gut; RU, R2 (1113, 1367, 1435, 1490, 1497)

ZOO:hyp *Microjoenia anterodepressa* Brugerolle, 2001; gut; R2 (1326)

ZOO:hyp *Pseudotrichonympha parvipapillosa* Grassi, 1917; gut; RU (1367)

ZOO:tri *Pseudotrypanosoma giganteum* Grassi, 1917; gut (+ PCR); RU, R2 (1113, 1325, 1435, 1367, 1466, 1490, 1497)

ZOO:tri *Pseudotrypanosoma minimum* Sutherland, 1933; gut; RU, R2 (1113, 1490)

ZOO:hyp *Spirotrichonympha grandis* Sutherland, 1933; gut; RU, R2 (1113, 1326, 1490)

ZOO:hyp *Spirotrichonympha mirabilis* Grassi, 1917; gut; RU, R2 (1113, 1326, 1435, 1490, 1497)

ZOO:hyp *Spirotrichonymphella pudibunda* Grassi, 1917; gut; RU, R2 (1113, 1326, 1367, 1435, 1490, 1497)

ZOO:hyp *Trichonympha magna* Grassi, 1917; gut (+ PCR); RU, R2 (1113, 1367, 1435, 1490, 1497, 1498)

ZOO:unc Unspecified flagellates; gut; RU (1367)

Stolotermes brunneicornis (Hagen, 1858)

ZOO:hyp *Leptospirotrichonympha ampla* Cleveland & Day, 1958; gut; R2, R3 (1365)

ZOO:hyp *Leptospirotrichonympha minor* Cleveland & Day, 1958; gut; R2, R3 (1365)

ZOO:hyp *Leptospirotrichonympha numida* Cleveland & Day, 1958; gut; R2, R3 (1365)

ZOO:hyp *Spirotrichosoma campanulum* Cleveland & Day, 1958; gut; R3 (1365)

ZOO:hyp *Spirotrichosoma linum* Cleveland & Day, 1958; gut; R3 (1365)

Stolotermes queenslandicus Mjoberg, 1920

ZOO:hyp *Leptospirotrichonympha gigantea* Cleveland & Day, 1958; gut; R1 (1365)

ZOO:hyp *Spirotrichosoma elongatum* Cleveland & Day, 1958; gut; R1 (1365)

Stolotermes victoriensis Hill, 1921

ZOO:hyp *Leptospirotrichonympha minor* Cleveland & Day, 1958; gut; R4 (1365)

ZOO:hyp *Leptospirotrichonympha numida* Cleveland & Day, 1958; gut; R4 (1365)

- ZOO:hyp *Leptospironympha obtusa* (Sutherland, 1933) Cleveland & Day, 1958 [syn. *Spirotrichosoma obtusa*]; gut; R4 (1365)
 ZOO:hyp *Spirotrichosoma capitata* Sutherland, 1933 [syn. *S. capitatum*]; gut; RU, R4 (1113, 1365)
 ZOO:hyp *Spirotrichosoma obtusa* Sutherland, 1933; gut; RU (1113)
 ZOO:unc Unspecified flagellates; gut; RU (1367)
 LOB:amo Unidentified tetramitids; gut; RU (1113)
 ZOO:tri Unidentified trichomonads; gut; RU (1113)

***Stolotermes* sp.**

- ZOO:hyp *Leptospironympha acuta* Cleveland & Day, 1958; gut; R1 (1365)
 ZOO:hyp *Leptospironympha minor* Cleveland & Day, 1958; gut; R1 (1365)
 ZOO:hyp *Leptospironympha numida* Cleveland & Day, 1958; gut; R1 (1365)
 ZOO:hyp *Spirotrichosoma synaxostylatum* Cleveland & Day, 1958; gut; R1 (1365)

Family: KALOTERMITIDAE [drywood termites]

Bifiditermes improbus (Hagen, 1858) [syn. *Calotermes condonensis*, *Kalotermes condonensis*, *C. oldfieldi*]

- ZOO:tri *Devescovina striata* Foa, 1904; gut; RU (1113)
 ZOO:tri *Foaina nana* (Kirby, 1926) Kirby, 1942; gut; R4 (1502)
 ZOO:tri *Metadevescovina patula* Kirby, 1945; hindgut; R4 (1504)
 ZOO:hyp *Staurojoenina assimilis* Kirby, 1926; gut; RU (1113)
 ZOO:pyr Unidentified oxymonads; gut; RU (1113)

Ceratokalotermes spoliator (Hill, 1932) [syn. *Calotermes spoliator*]

- ZOO:tri *Hyperdevescovina balteata* Kirby, 1949; hindgut; R4 (1505, 1672)

Cryptotermes gearyi (Hill, 1942)

- ZOO:tri *Devescovina* sp.; hindgut; R1 (1672)

Cryptotermes primus (Hill, 1921)

- ZOO:unc Unspecified flagellates; gut; RU (1367)

Cryptotermes queenslandis (Hill, 1933)

- ZOO:tri *Devescovina lemniscata* Kirby, 1926; hindgut; RU (1500)
 ZOO:tri *Foaina funifera* Kirby, 1942; hindgut; RU (1502)
 ZOO:tri *Foaina solita* Kirby, 1942; hindgut; R6 (1502)
 ZOO:hyp *Stephanonympha spinosa* Kirby & Margulis, 1994; gut; R6 (1494)

Glyptotermes brevicornis Froggatt, 1897 [syn. *Calotermes brevicornis*, *Glyptotermes nigrolabrum* Hill, *Glyptotermes dubius* Mjoberg, *Glyptotermes perangustus* Hill, *Calotermes nigrolabrum*, *Kalotermes nigrolabrum*, *Calotermes trilineatus*]

- ZOO:tri *Foaina delicata* Kirby, 1938 [= *Devescovina hilli* (young stages)]; hindgut; RU, R1, R2 (1502)
 ZOO:tri *Foaina hilli* (Duboscq & Grasse, 1926); gut; R1, R2 (1502)
 ZOO:tri *Macrotrichomonas pulchra* Grassi, 1917; gut; R1, R2 (1501)
 ZOO:hyp *Trichonympha chattoni* Duboscq & Grasse, 1924; hindgut; R1, R2 (1503)
 ZOO:hyp *Trichonympha* sp.; gut; RU (1498)
 ZOO:unc Unspecified flagellates; gut; RU (1367)

Glyptotermes eucalypti Froggatt, 1897 [termite] [syn. *Calotermes neotuberculatus*, *Glyptotermes*

neotuberculatus]

- ZOO:tri *Foaina delicata* Kirby, 1938 [= *Devescovina hilli* (young stages)]; hindgut; RU (1502)
 ZOO:tri *Foaina parvula* Kirby, 1942; gut; R4 (1502)
 ZOO:tri *Macrotrichomonas pulchra* Grassi, 1917; gut; R4 (1501)
 ZOO:hyp *Trichonympha chattoni* Duboscq & Grasse, 1924; hindgut; R4 (1503)

Glyptotermes iridipennis Froggatt, 1897 [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*]

- ZOO:hyp *Trichonympha chattoni* Duboscq & Grasse, 1924; hindgut; R1, R2 (317, 1498, 1503)
 ZOO:dip *Hexamitus termitis* Grassi, 1917; hindgut; R1 (317)
 ZOO:tri *Crucinympha hilli* (Duboscq & Grasse, 1926) [syn. *Devescovina hilli*]; hindgut; RU (1499)
 ZOO:tri *Devescovina hilli* Duboscq & Grasse, 1926; hindgut; R1 (317)
 ZOO:tri *Foaina delicata* Kirby, 1938 [= *Devescovina hilli* (young stages)]; hindgut; RU (1499, 1502)
 ZOO:tri *Foaina hilli* (Duboscq & Grasse, 1926); gut; RU (1502)
 ZOO:tri *Macrotrichomonas pulchra* Grassi, 1917; gut; R2 (1501)

Glyptotermes tuberculatus Froggatt, 1897

- ZOO:tri *Devescovina lemniscata* Kirby, 1926; hindgut; RU (1500)
 ZOO:tri *Foaina solita* Kirby, 1942; hindgut; R4 (1502)
 ZOO:tri *Foaina funifera* Kirby, 1942; hindgut; RU (1502)

Kalotermes atratus (Hill, 1933) [syn. *Calotermes atratus*, *Cryptotermes atratus*, *Proglyptotermes atratus*]

- ZOO:tri *Hyperdevescovina riciniata* Kirby, 1949; hindgut; R4 (1505)

Kalotermes banksiae (Hill, 1942) [= *Kalotermes rufinotum*]

- ZOO:tri *Hyperdevescovina falcifera* Kirby, 1949; hindgut; R2 (1505, 1672)

Kalotermes convexus (Walker, 1853) [syn. *Calotermes tillyardi*, *Proglyptotermes tillyardi*]

- ZOO:tri *Hyperdevescovina mitrata* Kirby, 1949; hindgut; R4 (1505, 1672)

Kalotermes hilli Emerson, in Snyder, 1949 [syn. *Kalotermes obscurus*, *Calotermes obscures*, *Proglyptotermes hilli*]

- ZOO:tri *Hyperdevescovina torquata* Kirby, 1949; hindgut; R6 (1505)
 ZOO:hyp *Trichonympha zeylanica* (Dobell, 1910); hindgut; R6 (1503)
 ZOO:hyp *Trichonympha* sp.; gut; RU (1498)
 ZOO:unc Unspecified flagellates; gut; RU (1367)

Neotermes insularis (Walker, 1853) [ringant termite] [syn. *Calotermes insularis*, *Termes insularis*, *Kalotermes irregularis*]

- ZOO:tri *Devescovina lemniscata* Kirby, 1926; hindgut; R1, R4 (1500, 1672)
 ZOO:tri *Devescovina striata* Foa, 1904; gut; RU (1113)
 ZOO:tri *Foaina costata* Kirby, 1942; gut; RU (1502)
 ZOO:tri *Foaina exempta* Kirby, 1942; gut; RU (1502)
 ZOO:tri *Pseudodevescovina uniflagellata* Sutherland, 1933; gut; RU (1113, 1504)
 ZOO:tri *Stephanonympha silvestrii* Janicki, 1915; gut; RU (1113)
 ZOO:unc Unspecified flagellates; gut; RU (1367)

Kalotermes pallidiotum (Hill, 1942) [syn. *Proglyptotermes pallidiotum*]

- ZOO:tri *Hyperdevescovina mitrata* Kirby, 1949; hindgut; R4 (1505, 1672)

Kalotermes rufinotum (Hill, 1925) [= *Kalotermes banksiae*]

- ZOO:tri *Hyperdevescovina falcifera* Kirby, 1949; hindgut; R4 (1505)

ZOO:hyp *Trichonympha* sp.; gut; RU (1498)

Family: RHINOTERMITIDAE [subterranean termites]

Coptotermes acinaciformis (Froggatt, 1898) [subterranean termite]

ZOO:hyp *Holomastigotoides mirabile* Grassi, 1917; gut; RU (1113, 1326)

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

ZOO:hyp *Spirotrichonympha flagellata* Grassi, 1917; gut; RU (1113, 1326)

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

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) [milk termite]

ZOO:hyp *Holomastigotoides hemigymnum* Grassi, 1917; hindgut; RU (1367, 1435)

ZOO:hyp *Pseudotrichonympha hertwigi major* Grassi, 1917; hindgut; RU (1435)

ZOO:hyp *Spirotrichonympha flagellata* var. *coptotermitis lactei* Grassi, 1917; gut; RU (1367)

ZOO:unc Unspecified flagellates; gut; RU (1367)

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

Heterotermes ferox (Froggatt, 1898)

ZOO:hyp *Spirotrichonympha flagellata* Grassi, 1917; gut; RU (1326)

Heterotermes platycephalus Froggatt, 1897 [termite] [syn. *Leucotermes clarki*]

ZOO:unc Unspecified flagellates; gut; RU (1367)

Parrhinotermes queenslandicus Mjoberg, 1920 [termite] [syn. *P. australicus*]

ZOO:unc Unspecified flagellates; gut; RU (1367)

Schedorhinotermes breinli (Hill, 1921)[incorrectly recorded as *Rhinotermes breinli*]

ZOO:unc Unspecified flagellates; gut; RU (1367)

Schedorhinotermes intermedius (Brauer, 1865)

ZOO:hyp *Pseudotrichonympha parvipapillosa* Grassi, 1917; gut; RU (1435)

ZOO:tri *Pseudotrypanosoma elphinstonae* Cameron & O'Donoghue, 2003; gut; R1 (1351)

ZOO:hyp *Spirotrichonympha elongata* Grassi, 1917; gut; RU (1326, 1367, 1435)

ZOO:hyp *Spirotrichonympha flagellata* Grassi, 1917; gut; RU (1326, 1435)

ZOO:hyp *Spirotrichonympha flagellata* var. *schedorhinotermitis intermidi* Grassi, 1917; gut; RU (1367)

ZOO:unc Unspecified flagellates; gut; RU (1367)

Schedorhinotermes seclusus (Hill, 1933) [incorrectly recorded as *S. secundus*]

ZOO:tri *Pseudotrypanosoma elphinstonae* Cameron & O'Donoghue, 2003; gut; R1 (1351)

Unidentified termite species

ZOO:hyp *Lophomonas* sp.; gut; R3 (1444)

ZOO:pyr *Pyrsonympha* sp.; gut; R3 (1444)

ZOO:hyp *Trichonympha leidy* Kent, 1885; gut; R3 (1444, 1498)

Order:: ORTHOPTERA [grasshoppers, locusts, katydids, crickets]

Family: ACRIDIDAE [locusts, grasshoppers]

Austroicetes cruciata Saussure, 1888 [small plague grasshopper]

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

Chortoicetes terminifera (Walker, 1870) [plague locust]

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

Pardillana limbata (Stal, 1878) [grasshopper]

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

Family: GRYLLIDAE [crickets]

Pteronemobius (unidentified cricket species)

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

Family: TETTIGONIIDAE [katydids]

Requena verticalis Walker, 1869 [bush cricket]

GRE:eug Unidentified gregarine; gut (+ exptl. infection); R6 (1640)

Order: LEPIDOPTERA [butterflies, moths]

Family: HEPIALIDAE [ghost moths, swift moths]

Oncopera alboguttata Tindale, 1933 [Ebor grassgrub]

MIC:mic *Vavraia oncooperae* (Milner & Beaton, 1977); muscle, fat bodies, connective tissues; R2, R4 (723, 774, 775, 776, 777)

Oncopera intricata Walker, 1856 [corbie]

GRE:neo *Mattesia* sp.; larvae; R3 (1270)

Oncopera rufobrunnea Tindale, 1933 [underground grassgrub]

GRE:neo *Mattesia* sp.; larvae; R3 (1270)

MIC:mic *Vavraia oncooperae* (Milner & Beaton, 1977); muscle, fat bodies, connective tissues; R2, R3, R4 (723, 774, 775, 776, 777, 1270)

Oncopera tindalei Common, 1966 [Tindale's grassgrub]

MIC:mic *Nosema* sp.; NR; R2 (775, 1270)

Family: PYRALIDAE [pyralid moths]

Samea multiplicalis (Guenée, 1854) [moth]

MIC:mic *Nosema* sp.; homogenate; R1 (779, 1639)

Order: DIPTERA [true flies]

Family: CULICIDAE [mosquitoes]

Aedes australis (Erichson, 1842) [saltwater mosquito] syn. *A. concolor*

HEM:hae *Plasmodium* sp.; midgut, salivary glands; R2 (641)

Aedes vigilax (Skuse, 1889) [saltmarsh mosquito]

MIC:mic *Duboscqia aediphaga* Kettle & Piper, 1988; larval fat bodies; R1 (611)

MIC:mic *Microsporidium lotaensis* Kettle & Piper, 1988; larval fat bodies; R1 (611)

Anopheles amictus Edwards, 1921 [anopheline mosquito]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

Anopheles annulipes Walker, 1856 [common Australian anopheline]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685, 1006, 1088, 1089)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1006, 1088, 1089)

Anopheles bancrofti Giles, 1902 [black Australian anopheline]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1089)

Anopheles farauti Laveran, 1902 [Australian malaria mosquito]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)

Anopheles hilli Woodhill & Lee, 1944 [anopheline mosquito]

MIC:mic *Duboscqia dengihilli* Sweeney *et al.*, 1993; NR; R1 (1668)

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

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

Anopheles meraukensis Venhuis, 1932 [anopheline mosquito]

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

Anopheles punctulatus Dönitz, 1901 [anopheline mosquito]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (22, 194, 342, 344, 687, 688, 690, 1006, 1088, 1089)

HEM:hae *Plasmodium malariae* (Feletti & Grassi, 1889); NR; R1 (1089)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (22, 194, 342, 344, 687, 688, 1006, 1088, 1089)

ZOO:kin *Pleuromonas jaculans* Perty, 1852; gut; R1 (687)

Anopheles stigmaticus Skuse, 1889 [anopheline mosquito]

HEM:hae *Plasmodium falciparum* Welch, 1897; salivary glands (exptl. infection); R1 (90, 685)

HEM:hae *Plasmodium vivax* (Grassi & Feletti, 1890); salivary glands (exptl. infection); R1 (90, 685, 1089)

Culex annulirostris Skuse, 1889 [common banded mosquito]

MIC:mic *Amblyospora dyxenoides* Sweeney *et al.*, 1988; oenocytes, fat bodies; R4 (638, 1118, 1119, 1120, 1121)

Culex australicus Dubrotworsky & Drummond, 1953 [culicine mosquito]

MIC:mic *Amblyospora* sp.; fat bodies; R4 (1123)

Culex quinquefasciatus Say, 1823 [brown house mosquito] syn. *C. fatigans*

COC:ade *Hepatozoon breinli* (Mackerras, 1961); haemocoel; R1 (697)

HEM:hae *Plasmodium* sp.; gut; R2 (641, 694)

HEM:hae *Plasmodium relictum* (Grassi & Feletti, 1891); salivary glands (exptl. infection); R1 (643)

Culex halifaxii Theobald, 1903 [culicine mosquito]

MIC:mic *Amblyospora trinus* Becnel & Sweeney, 1996; larval fat bodies; R1 (71)

Culex sitiens Wiedemann, 1828 [saltmarsh culex]

MIC:mic *Amblyospora indocola* Vavra *et al.*, 1984; fat bodies; R1 (611, 1122, 1123)

Family: CERATOPOGONIDAE [biting midges]

Culicoides nubeculosus Macfie, 1758 [midge]

HEM:hae *Hepatozoon levinei* Landau *et al.*, 1985; gut, salivary glands (exptl. infection); R1 (623, 1315)

Forcipomyia (Lasiohelea) peregrinator (Debenham, 1983) [midge]

ZOO:kin *Leishmania* sp.; homogenate (PCR); R8 (1886)

Forcipomyia (Lasiohelea) sp. [midge]

ZOO:kin *Leishmania* sp.; homogenate (PCR); R8 (1886)

Family: MUSCIDAE [house flies]

Musca domestica Linnaeus, 1758 [common housefly]

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

Family: CALLIPHORIDAE [blow flies]

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

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

Calliphora stygia (Fabricius, 1782) [eastern golden-haired blowfly] syn. *Pollenia stygia*, *C. villosa*

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

Lucilia cuprina (Wiedemann, 1830) [green bottle fly, sheep blowfly]

MIC:mic *Octosporea muscaedomesticae* Flu, 1911; midgut; R5 (226, 1075)

Order: HYMENOPTERA [ants, bees, wasps]

Family: APIDAE [bees]

Apis mellifera Linnaeus, 1758 [honey bee]

ZOO:kin *Crithidia mellificae* Langridge & McGhee, 1967; gut (+ culture); R2 (1514)

ZOO:kin *Crithidia* sp. gut; R2 (1515)

Family: FORMICIDAE [ants]

Myrmecia pilosula (Smith, 1858)

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

Phylum: ECHINODERMATA [echinoderms]

Class: CRINOIDEA [sea lilies]

Oligometra serripinna (Carpentier, 1881) [crinoid]

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

PHYLUM: ANNELIDA [segmented worms]

CLASS: OLIGOCHAETA [earthworms]

Lumbricus rubellus Hoffmeister, 1843 [earthworm]

COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR (paratenic host); R3 (1305)

FAMILY: TUBIFICIDAE [sludge worms]

***Bathydrilus* sp.**

ACT:act *Sphaeractinomyxon ersei* Hallett *et al.*, 1998; coelum; R21 (1447, 1448)

Doliodrilus divarticulatus Erseus, 1985

ACT:act *Sphaeractinomyxon ersei* Hallett *et al.*, 1998; coelum, intestines; R13 (444, 1448)

ACT:act *Tetraspora discoidea* Hallett & Lester, 1999; coelum; R13 (1446, 1448, 1777)

***Grania* sp.**

OLI:ast Unidentified astomate ciliates intestines; R21 (1448)

Heterodrilus keenani Erseus, 1981

ACT:act *Endocapsa rosulata* Hallett *et al.*, 1999; coelum, intestines; R21 (1447, 1448, 1777)

ACT:act *Endocapsa stepheni* Hallett *et al.*, 1999; coelum; R21 (1447, 1448)

Heterodrilus queenslandicus (Jamieson, 1977)

ACT:act *Endocapsa stepheni* Hallett *et al.*, 1999; coelum; R21 (1447, 1448)

***Heterodrilus* sp.**

HAP:hap *Haplosporidium* sp.; intestines; R21 (1448)

Limnodriloides lateroporus Erseus, 1997

ACT:act *Sphaeractinomyxon ersei* Hallett *et al.*, 1998; coelum; R21 (1447, 1448)

Limnodriloides victoriensis Brinkhurst & Baker, 1979

ACT:act *Sphaeractinomyxon ersei* Hallett *et al.*, 1998; coelum; R13 (1448)

ACT:act *Triactinomyxon* sp.; coelum; R13 (1448)

Thalassodrilides gurwitschi (Hrabe, 1971)ACT:act *Endocapsa rosulata* Hallett *et al.*, 1999; coelum, intestines; R21 (1447, 1448)ACT:act *Sphaeractinomyxon ersei* Hallett *et al.*, 1998; coelum; R21 (1447, 1448)***Heronidrilus* sp.**ACT:act *Endocapsa rosulata* Hallett *et al.*, 1999; coelum, intestines; R21 (1447, 1448)ACT:act *Sphaeractinomyxon leptocapsula* Hallett *et al.*, 1999; coelum; R21 (1447, 1448)***Perionyn excavatus*** (Perrier, 1872) [earthworm]COC:eim *Toxoplasma gondii* (Nicolle & Manceaux, 1908); NR (paratenic host); R3 (1305)**Unidentified tubificid worms**ACT:act *Endocapsa rosulata* Hallett *et al.*, 1999; coelum, intestines; R13, R21 (1448)ACT:act *Endocapsa stepheni* Hallett *et al.*, 1999; coelum; R21 (1447, 1448)ACT:act *Endocapsa* sp.; coelum; R13 (1448)HAP:hap *Haplosporidium* sp.; intestines; R21 (1448)GRE:eug *Oligochaetocystis* sp.; coelum; R13 (1448)OLI:ast *Radiophrya* sp.; intestines; R21 (1448)OLI:per *Scyphidia* sp.; integument; R13 (1448)ACT:act *Sphaeractinomyxon ersei* Hallett *et al.*, 1998; coelum; R13, R21 (1447, 1448)ACT:act *Sphaeractinomyxon* spp.; coelum; R13 (1448)ACT:act *Tetraspora rotundum* Hallett & Lester, 1999; coelum; R13 (1446, 1448)ACT:act *Tetraspora discoidea* Hallett & Lester, 1999; coelum; R13 (1448)ACT:act *Triactinomyxon* sp.; coelum; R13 (1448)

COC:eim Unidentified coccidian; coelum, intestines; R13 (1448)

Class: HIRUDINEA [leeches]

Family: HAEMADIPSIDAE

Chtonobdella limbata Grube, 1866 [leech]ZOO:kin *Trypanosoma* sp.; crop, R1 (996)***Micobdella* sp.** [leech]ZOO:kin *Trypanosoma* sp.; NR; R2 (1450)***Philaemon* sp.** [leech]ZOO:kin *Trypanosoma* sp.; NR; R2 (1450)

Phylum: MOLLUSCA [molluscs]

Class: GASTROPODA [snails, slugs, abalone, limpets, etc]

Order: ARCHEOGASTROPODA

Family: HALIOTIDAE [abaloneium sp.s]

Haliotis cyclobates Peron, 1816 [whirling abalone]PHY:din *Perkinsus olseni* Lester & Davis, 1981; muscle, haemolymph; R16 (402, 656, 661, 1319, 1431)

Haliotis laevigata Donovan, 1808 [greenlip abalone]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; muscle; R16 (402, 403, 626, 627, 656, 661, 666, 894, 1319, 1431, 1719)

PHY:rhy Unidentified ancistrocomid ciliates; gut; R25 (1719)

UNC:sta Unidentified ciliates; gut; R25 (1719)

Haliotis rubra Leach, 1814 [blacklip abalone]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; muscle, haemolymph; R16 (126, 627, 654, 661, 666, 894, 1319, 1320, 1431)

Haliotis scalaris Leach, 1814 [staircase abalone]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; muscle, haemolymph; R16 (402, 661, 1319, 1431)

***Haliotis* sp.** [abalone]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; NR; RU (1462)

PHY:din *Perkinsus* sp.; NR; RU (1456)

Family: CERITHIIDAE [ceriths]

Pyrazus ebeninus (Bruguiere, 1792) [ebony swamp cerith]

PHY:din *Perkinsus* sp.; tissues; R13 (402, 661)

Class: BIVALVIA [bivalve molluscs]

Order: ARCOIDA

Family: ARCIDAE [ark clams]

Barbatia amygdalumtostum (Röding, 1798) [almond ark] =*B. fusca*

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Barbatia foliata (Forsskål, 1775) [ark clam] =*B. corallicola*

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 658)

Barbatia helblingii Bruguiere, 1789 [ark clam]

PHY:din *Perkinsus* sp.; tissues; R25 (1460, 1719)

Barbatia pistachia (Lamarck, 1819) [ark clam]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; NR; R16 (1431)

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 olseni* Lester & Davis, 1981; tissues; R13 (1431)

PHY:din *Perkinsus* sp.; tissues; R13 (402, 403, 661)

Order: MYTILOIDA

Family: MYTILIDAE [marine mussels]

Mytilus galloprovincialis Lamarck, 1819 [mussel]

MIC:mic *Steinhausia mytilovum* (Field, 1924); ova; R19 (1719)

Septifer bilocularis (Linnaeus, 1758) [box mussel]

PHY:din *Perkinsus* sp.; tissues; R21, R25 (401, 1460, 1719)

Trapezium bicarinatum (Schumacher, 1817) = *T. rostratum*

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Trichomya hirsuta (Lamarck, 1819) [hairy mussel]

PHY:din *Perkinsus* sp.; tissues; R21 (402)

Family: PINNIDAE [pen shells]

Atrina pectinata Linnaeus, 1767 [comb pen shell]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Pinna bicolor (Gmelin, 1791) [razorfish]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; NR; R16 (1431)

PHY:rhy Unidentified ancistrocomid ciliates; gut; R25 (1460, 1719)

Pinna deltoides Menke, 1843 [pen shell]

PHY:din *Perkinsus* sp.; tissues; R25 (1460, 1719)

Order: PTEROIDA

Family: ISOGNOMONIDAE [mangrove oysters, razor shells]

Isognomon isognomum (Linnaeus, 1758) [mangrove oyster]

PHY:din *Perkinsus* sp.; tissues; R25 (1460, 1719)

Isognomon (unidentified species)

PHY:din *Perkinsus* sp.; tissues; R21 (402)

Electroma alacorvi (Dillwyn, 1817) [-]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Family: MALLEIDAE [hammer oysters]

Malleus meridianus Cotton, 1930 [hammer oyster]

PHY:din *Perkinsus* sp.; tissues; R25 (1460, 1719)

Malleus regula (Forsskål, 1775) [hammer oyster]

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Family: PTERIIDAE [pearl oysters]

Pinctada albina (Lamarck, 1819) [pearl oyster, Shark's Bay shell]

PHY:din *Perkinsus* sp.; tissues; R21 (1460, 1719)

PHY:rhy Unidentified ancistrocomid ciliates; gut; R25 (1460, 1719)

Pinctada albina sugillata (Reeve, 1857)

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 661)

Pinctada margaritifera (Linnaeus, 1758) [black-lipped pearl oyster]

MAR:mar *Marteilia* sp.; NR; RU (1302)

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Pinctada maxima (Jameson, 1901) [pearl oyster]

HAP:hap *Haplosporidium* sp.; digestive gland, heart, gills, muscle; R19, R25 (1459, 1460, 1462, 1719)

PHY:din *Perkinsus* sp.; tissues; R25 (1460)

PHY:rhy Unidentified ancistrocomid ciliates; gut; R25 (1460)

UNC:sta Unidentified ciliates; gut; R25 (1719)

COC:eim Unidentified coccidian; heart; R25 (1460, 1719)

GRE:eug Unidentified gregarine; NR; R25 (1719)

UNC:sta Unidentified protistan; digestive gland; R20 (1254)

***Pinctada* sp.** [pearl oyster]

UNC:sta Unidentified ciliates; gills; R25 (1719)

Family: PECTINIDAE [scallops]

Chlamys bifrons (Lamarck, 1819) [Queen scallop]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; NR; R16 (1431)

Chlamys lentiginosa (Reeve, 1853) [freckled scallop]

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Family: OSTREIDAE [true oysters]

Alectryonella plicatula (Gmelin, 1791)

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Ostrea angasi Sowerby, 1871 [southern mud oyster]

UNC:sta *Bonamia* sp.; haemocytes; RU (1462)

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)

***Ostrea* sp.** [oyster]

UNC:sta *Bonamia* sp.; NR; R19 (1719)

Saccostrea cucullata (Born, 1778) [hooded oyster] syn. *Cassostrea amasa*

HAP:hap *Haplosporidium* sp.; gills, gut, muscle; R25 (1461, 1462, 1719)

MAR:mar *Marteilia lengehi* Comps, 1976; NR; RU (1462)

MAR:mar *Marteilia sydneyi* Perkins & Wolf, 1976; NR; R19 (1719)

HAP:hap *Minchinia* sp.; gills (+ PCR); R20 (1798)

GRE:eug *Nematopsis* sp.; NR; R25 (1719)
 PHY:din *Perkinsus* sp.; tissues; R13, R21, R25 (402, 509, 1460, 1719)
 PHY:rhy Unidentified ancistrocomid ciliates; gut; R25 (1460, 1719)

Saccostrea echinata (Quoy & Gaimard, 1835) [tropical black-lip oyster]

MAR:mar *Marteilioides* sp.; tissues; R25 (1460, 1462, 1719)
 PHY:rhy Unidentified ancistrocomid ciliates; gut; R25 (1460, 1719)

Saccostrea glomerata (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster] syn. *Crassostrea commercialis*, *S. commercialis*

HAP:hap Unidentified haploporidian; digestive gland; R13, R25 (1251, 1460)
 MAR:mar *Marteilia sydneyi* Perkins & Wolf, 1976; hepatopancreas (+ PCR); R13, R14, R25 (3, 10, 12, 14, 15, 126, 627, 660, 868, 950, 1023, 1253, 1286, 1302, 1307, 1313, 1460, 1462, 1507, 1508, 1597, 1719)
 MAR:mar *Marteilia lenghei* Comps, 1976; hepatopancreas; R25 (1460)
 MAR:mar *Marteilioides branchialis* Anderson & Lester, 1992; gills; R13 (12, 14, 1302, 1462)
 UNC:sta *Mikrocytos roughleyi* Farley *et al.*, 1988; haemocytetes; R13 (2, 10, 347, 660, 1452, 1462, 1650)
 PHY:din *Perkinsus* sp.; tissues; R13, R25 (402, 661, 1460, 1719)
 PHY:rhy *Sphenophyra* sp.; NR; R19 (1719)
 MIC:mic *Steinhausia* sp.; ovocytes; R1 (1287)
 PHY:rhy Unidentified ancistrocomid ciliates; gut; R25 (1460, 1719)

***Saccostrea* sp.** [oyster]

UNC:sta *Mikrocytos roughleyi* Farley *et al.*, 1988; NR; R19 (1719)
 UNC:sta Unidentified ciliates; gills; R25 (1719)

Striostrea mytiloides (Lamarck, 1819) [tropical oyster, blacklip oyster] syn. *Saccostrea echinata*

MAR:mar *Marteilia sydneyi* Perkins & Wolf, 1976; NR; R13 (10, 1253)
 COC:eim Unidentified coccidian; ovary; R20 (10, 660, 1252, 1253)

Family: SPONDYLIDAE [thorny oysters]

Spondylus lamarcki Chenu, 1845

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Spondylus nicobaricus Schreibers, 1793

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Spondylus squamosus Schreibers, 1793 [ducal thorny oyster]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Spondylus violascens Lamarck, 1819 [thorny oyster]

PHY:din *Perkinsus* sp.; tissues; R25 (1460)

***Spondylus* sp.** [oyster]

PHY:din *Perkinsus* sp.; tissues; R25 (1719)

Order: VENEROIDA

Family: LUCINIDAE [lucine clams]

Codakia paytenorum (Iredale, 1937) [interrupted lucina]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Ctena reevei (Deshayes, 1863)

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Family: CHAMIDAE [jewel boxes]

Chama pulchella Reeve, 1846 [purple-edged jewel box] syn. *C. iostoma*

PHY:din *Perkinsus* sp.; tissues; R21 (401, 658)

Chama pacifica Broderip, 1834 [jewel box] syn. *C. sulphurea* (= *C. pacificus*)

PHY:din *Perkinsus olseni* Lester & Davis, 1981; tissues; R13 (1431)

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 403, 658, 661)

Family: CARDIIDAE [cockles]

Acrosterigma unicolor (Sowerby, 1834) [unicolor cockle]

PHY:din *Perkinsus* sp.; tissues; R21 (401)

Family: TRIDACNIDAE [giant clams]

Hippopus hippopus (Linnaeus, 1758) [bear paw clam] syn. *Tridacna hippopus*

PHY:din *Perkinsus* sp.; tissues; R21 (401)

UNC:sta Unidentified ciliate; mantle, muscle; R21 (5)

Tridacna crocea Lamarck, 1819 [crocus giant clam]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 658)

Tridacna gigas (Linnaeus, 1758) [giant clam]

PHY:din *Perkinsus* sp.; tissues; R21 (5, 10, 401, 402, 509, 660, 919)

UNC:sta Unidentified ciliate; gill, mantle, muscle; R21 (5, 10, 509)

UNC:sta Unidentified protozoan; NR; R21 (10)

Tridacna maxima (Roeding, 1798) [elongate giant clam]

PHY:din *Perkinsus* sp.; tissues; R21 (401, 402, 509, 627, 658, 661)

Family: VENERIDAE [Venus clams]

Katelsia rhytiphora Lamy, 1937

PHY:din *Perkinsus olseni* Lester & Davis, 1981; NR; R16 (1431)

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)

Family: CLEIDOTHAERIDAE [rock-clams]

***Cleidotherus* sp.** [false oyster]

PHY:din *Perkinsus olseni* Lester & Davis, 1981; NR; R16 (1431)

Phylum: PLATYHELMINTHES [flatworms]

Class: TURBELLARIA [free-living flatworms]

Family: PTERASTICOLIDAE [marine symbiotic flatworms]

Pterastericola vivipara Cannon, 1978 [turbellarian parasitic in crown-of-thorns starfish *Acanthaster planci*]

GRE:eug *Monocystella epibatis* Cannon & Jennings, 1988; gut; R21 (174, 526)

Family: STYLOCHIDAE [wafer worms, oyster leeches]

Stylochus (unidentified species)

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

Phylum: NEMATODA [roundworms]

Order: RHABDITIDA [free-living and parasitic microbivorous roundworms]

Family: ANCYLOSTOMATIDAE [hookworms]

Ancylostoma caninum (Ercolani, 1859) Hall, 1913 [dog hookworm]

ZOO:dip *Giardia* sp.; gut; R1 (1618)

Order: DESMOSCOLECIDA [free-living marine nematodes]

Family: DESMOSCOLECIDAE

***Desmoscolex* sp.** [free-living marine nematode]

PHY:end Unidentified suctorian; cuticle; R21 (1415)

***Quadricoma* sp.** [free-living marine nematode]

PHY:end Unidentified suctorian; cuticle; R21 (1415)

***Tricoma* sp.** [free-living marine nematode]

PHY:end Unidentified suctorian; cuticle; R21 (1415)

Order: DESMODORIDA [free-living marine nematodes]

Family: DESMODORIDAE

***Onyx* sp.** [free-living marine nematode]

PHY:end Unidentified suctorian; cuticle; R21 (1415)

Pseudochromadora cazca Gerlach, 1956 [free-living marine nematode]

PHY:end Unidentified suctorian; cuticle; R21 (1415)

***Spirinia* sp.** [free-living marine nematode]

PHY:end Unidentified suctorian; cuticle; R21 (1415)

Phylum: CNIDARIA [hydras, jellies, sea anemones, corals]

Class: ANTHOZOA [sea anemones, most corals, sea fans]

Family: AIPTASIIDAE [anemones]

Aiptasia pulchella (Carlgren, 1943) [glass anemone]

PHY:din *Symbiodinium* sp.; tissue homogenate; R13 (1688)

Family: ACROPORIDAE [staghorn corals]

Acropora austera (Dana, 1846) [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

Acropora cytherea (Dana, 1846) [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Acropora gemmifera (Brook, 1892) [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

Acropora humilis (Dana, 1846) [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

Acropora hyacinthus (Dana, 1846) [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Acropora grandis (Brook, 1892) [branching coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Acropora intermedia (Brook, 1891) [branching coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Acropora loripes (Brook, 1892) [coral]

- SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Acropora microphthalma*** (Verrill, 1859) [small staghorn coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Acropora millepora*** (Ehrenberg, 1834) [milli staghorn coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Acropora monticulosa*** (Bruggemann, 1879) [staghorn coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora muricata*** Linnaeus, 1758 [staghorn coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (+ PCR) (brown band disease); R21 (1804, 1806, 1807)
- Acropora nasuta*** (Dana, 1846) [nosey coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Acropora palifera*** (Lamarck, 1816) [cat's paw coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora secale*** (Studer, 1878) [staghorn coral]
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora subulata*** (Dana, 1846) [coral]
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora* sp.** [bottlebrush coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Acropora* sp.** [bushy coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Acropora* sp.** [corymbose coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora* sp.** [digitate coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band

- disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora* sp.** [isoporan coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora* sp.** [staghorn coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora* sp.** [table coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1805)
- Acropora* sp.** [tabular coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora valida*** (Dana, 1846) [coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Acropora yongei*** Veron & Wallace, 1984 [green slimer coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Astreopora* spp.** [coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Montipora* spp.** [coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
 OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)
- Family: FAVIIDAE [stony/true corals]
- Echinopora horrida*** Dana, 1846 [hedgehog coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)
- Echinopora lamellosa*** (Esper, 1795) [whorling stony coral]
 SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

***Echinopora* sp.** [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

***Favia* spp.** [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Plesiastrea verispora Lamarck, 1816 [scleractinian coral]

PHY:din *Symbiodinium* sp.; tissue homogenate; R13 (1688)

Family: MERULINIDAE [hard corals]

Hydnophora rigida (Dana, 1846) [horn coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

Family: POCILLOPORIDAE [branching corals]

Pocillopora damicornis (Linnaeus, 1758) [cauliflower or brush coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Pocillopora eydouxi Milne-Edwards & Haime, 1860 [cauliflower coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

Pocillopora meandrina Dana, 1846 [cauliflower coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Pocillopora verrucosa (Ellis & Solander, 1786) [rasp coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

***Pocillopora* spp.** [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Seriatopora hystrix Dana, 1846 [bird's nest coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

***Seriatopora* spp.** [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

Stylophora pistillata (Esper, 1792) [smooth cauliflower coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

Family: PORITIDAE [stony corals]

***Porites* spp.** [coral]

SPI:het *Halofolliculina corallasia* Antonius & Lipscomb, 2000; ectoparasitic (skeleton eroding band disease); R21 (1807)

OLI:scu Unidentified ciliates; ectoparasitic (brown band disease); R21 (1807)

Family: NEPHTHEIDAE [soft corals]

Capnella gaboensis (Verseveldt, 1977) [soft coral]

PHY:din *Symbiodinium* sp.; tissue homogenate; R13 (1688)

Parerythropodium sp. [soft coral]

PHY:din *Symbiodinium* sp.; tissue homogenate; R13 (1688)

Family: ZOANTHIDAE [zoanthids]

Zoanthus robustus (Carlgren, 1950) [zoanthid]

PHY:din *Symbiodinium* sp.; tissue homogenate; R13 (1688)

Kingdom: PLANTAE [plants]

Family: ASCLEPIADACEAE [climbing milkweeds, caustic bushes]

Hoya australis R.Brown, 1828 [common wax flower]

ZOO:kin *Phytomonas* sp.; latex; R1 (48, 486)

Sarcostemma australe R.Br. [caustic vine]

ZOO:kin *Phytomonas* sp.; latex; R1 (48, 486)

Secamone elliptica R.Br. [secamone vine]

ZOO:kin *Phytomonas* sp.; latex; R1 (48, 486)

Family: MORACEAE

Ficus scabra (Forster, 1786) [wild fig]

ZOO:kin *Herpetomonas bancrofti* Holmes, 1931; latex; R1 (48, 486)

Ficus opposita (Miq., 1848) [sandpaper fig]

ZOO:kin *Phytomonas bancrofti* (Holmes, 1931); latex; RU (1218)

Kingdom: PROTISTA [unicellular eukaryotes]

Order: AMOEBIDA [amoebae]

Family: PARAMOEBIDAE

Neoparamoeba branchiphila Dykova *et al.*, 2005

ZOO:kin *Perkinsiella amoebae* Hollande, 1980; endosymbiont (cytoplasm); gills; R3 (1402)

Neoparamoeba pemaquidensis (Page, 1970) syn. *Paramoeba pemaquidensis* Page, 1970

ZOO:kin *Perkinsiella amoebae* Hollande, 1980; endosymbiont (cytoplasm); gills; R3 (1402)

PARASITE-HOST CHECKLIST

Kingdom: PROTISTA [unicellular eukaryotes]

Subkingdom:PROTOZOA [motile protists]

Phylum: SARCOMASTIGOPHORA [amoebae and flagellates]

Subphylum: MASTIGOPHORA [flagellates]

Class: PHYTOMASTIGOPHOREA [flagellates with chloroplasts]

Order: DINOFLAGELLIDA [dinoflagellates, with unique mesokaryotic nuclei]

Suborder: BLASTODININA [extracellular athecate parasites]

Family: BLASTODINIDAE (= OODINIDAE)

Amyloodinium ocellatum Brown, 1931

ACT *Lates calcarifer* (Bloch, 1790) [barramundi, giant perch]; skin (exptl.); R1 (1628)

ACT *Pagrus auratus* Forster, 1801 [snapper]; skin; R13 (1628)

***Amyloodinium* sp.**

ACT *Lutjanus* sp.; skin; RU (983)

Crepidoodinium australe Lom *et al.*, 1993

ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; gills; R13 (671)

***Crepidoodinium* sp.**

ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; NR; R13 (669)

Suborder: SYNDININA [intracellular athecate parasites]

Family: SYNDINIDAE

Hematodinium australis Hudson & Shields, 1994

ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; blood; R21 (503, 506, 1067, 1068)

ART *Scylla serrata* (Forsskål, 1755) [mud crab]; blood; R13 (503, 504, 1068)

ART *Trapezia septata* Dana, 1852 [honeycomb coral crab]; gill, blood; R13 (502, 1068)

***Hematodinium* sp.**

ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; hemolymph; R13 (505)

ART *Trapezia cymodoce* (Herbst, 1799) [blue coral crab]; gill; R13 (502)

***Syndinium* sp.**

ART *Paracalanus indicus* Wolfenden, 1906 [copepod]; coelum; R13 (612, 1068)

Family: SYMBIODINIACEAE

***Symbiodinium* sp.**

CNI *Aiptasia pulchella* (Carlgren, 1943) [glass anemone]; tissue homogenate; R13 (1688)

- CNI *Capnella gaboensis* (Verseveldt, 1977) [soft coral]; tissue homogenate; R13 (1688)
 CNI *Parerythropodium* sp. [soft coral]; tissue homogenate; R13 (1688)
 CNI *Plesiastrea verispora* Lamarck, 1816 [scleractinian coral]; tissue homogenate; R13 (1688)
 CNI *Zoanthus robustus* (Carlgren, 1950) [zoanthid]; tissue homogenate; R13 (1688)

INCERTAE SEDIS

Perkinsus olsenii Lester & Davis, 1981

- MOL *Anadara trapezia* (Deshayes, 1814) [blood cockle]; tissues; R13 (1431)
 MOL *Barbatia pistachia* (Lamarck, 1819) [ark clam]; NR; R16 (1431)
 MOL *Chama pacifica* Broderip, 1834 [jewel box] syn. *C. sulphurea* (= *C. pacificus*); tissues; R13 (1431)
 MOL *Chlamys bifrons* (Lamarck, 1819) [Queen scallop]; NR; R16 (1431)
 MOL *Cleidothaerus* sp. [false oyster]; NR; R16 (1431)
 MOL *Haliotis cyclobates* Peron, 1816 [whirling abalone]; muscle, haemolymph; R16 (402, 656, 661, 1319)
 MOL *Haliotis laevigata* Donovan, 1808 [greenlip abalone]; muscle; R16, R25 (402, 403, 626, 627, 656, 661, 666, 894, 1319, 1431, 1719)
 MOL *Haliotis rubra* Leach, 1814 [blacklip abalone]; muscle, haemolymph; R16 (126, 627, 654, 661, 666, 894, 1319, 1320, 1431)
 MOL *Haliotis scalaris* Leach, 1814 [staircase abalone]; muscle, haemolymph; R16 (402, 661, 1319)
 MOL *Haliotis* sp. [abalone]; NR; RU (1462)
 MOL *Katelysia rhytiphora* Lamy, 1937; NR; R16 (1431)
 MOL *Pinna bicolor* (Gmelin, 1791) [razorfish]; NR; R16 (1431)

***Perkinsus* sp.**

- MOL *Acrosterigma unicolor* (Sowerby, 1840) [unicolor cockle]; tissues; R21 (401)
 MOL *Alectryonella plicatula* Gmelin, 1791 [mussel]; tissues; R21 (401)
 MOL *Anadara antiquata* (Linnaeus, 1758) [antique ark]; tissues; R21 (401)
 MOL *Anadara trapezia* (Deshayes, 1814) [blood cockle]; tissues; R13 (402, 403, 661)
 MOL *Atrina pectinata* Linnaeus, 1767 [comb pen shell]; tissues; R21 (401, 658)
 MOL *Barbatia amygdalumtostum* (Röding, 1798) [almond ark]; tissues; R21 (401)
 MOL *Barbatia corallicola* Iredale, 1939 [ark clam]; tissues; R21 (401, 402, 658)
 MOL *Barbatia helblingii* Bruguiere, 1789 [ark clam]; tissues; R25 (1460, 1719)
 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 *Haliotis* sp. [abalone]; NR; RU (1456)
 MOL *Irus irus* (Linnaeus, 1758) [irus venus]; tissues; R21 (401, 658)
 MOL *Isognomon isognomum* (Linnaeus, 1758) [mangrove oyster]; tissues; R25 (1460, 1719)
 MOL *Isognomon* sp.; tissues; R21 (402)
 MOL *Katelysia rhytiphora* Lamy 1937 [venus clam]; tissues; R16 (661)
 MOL *Malleus meridianus* Cotton, 1930 [hammer oyster]; tissues; R25 (1460, 1719)
 MOL *Malleus regula* (Forsskål, 1775) [hammer oyster]; tissues; R21 (401)
 MOL *Periglypta puerpera* (Linnaeus, 1771) [youthful venus]; tissues; R21 (401)

- MOL *Pinctada albina* Lamarck, 1819 [pearl oyster, Shark's Bay shell]; tissues; R21 (1460, 1719)
 MOL *Pinctada margaritifera* (Linnaeus, 1758) [pearl oyster]; tissues; R21 (401, 658)
 MOL *Pinctada maxima* (Jameson, 1901) [pearl oyster]; tissues; R25 (1460)
 MOL *Pinctada sugillata* Reeve, 1857 [pearl oyster]; tissues; R21 (401, 402, 661)
 MOL *Pinna deltoides* Menke, 1843 [pen shell]; tissues; R25 (1460, 1719)
 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, R25 (402, 661, 1460, 1719)
 MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster]; tissues; R13, R21, R25 (402, 509, 1460, 1719)
 MOL *Septifer bilocularis* (Linnaeus, 1758) [box mussel]; tissues; R21, R25 (401, 1460, 1719)
 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 [ducal thorny oyster]; tissues; R21 (401, 658)
 MOL *Spondylus violascens* Lamarck, 1819 [thorny oyster]; tissues; R25 (1460)
 MOL *Trapezium bicarinatum* (Schumaker, 1817); tissues; R21 (401)
 MOL *Trichomya hirsuta* (Lamarck, 1819) [hairy mussel]; tissues; R21 (402)
 MOL *Tridacna crocea* Lamarck, 1819 [crocus giant clam]; tissues; R21 (401, 402, 658)
 MOL *Tridacna gigas* (Linnaeus, 1758) [giant clam]; tissues; R21 (5, 10, 401, 402, 509, 660, 919)
 MOL *Tridacna hippopus* (Linnaeus, 1758) [bear paw clam]; tissues; R21 (401)
 MOL *Tridacna maxima* (Roeding, 1798) [elongate giant clam]; tissues; R21 (401, 402, 509, 627, 658, 661)

Order: EUGLENIDA (Euglenophyceae) [euglenids, exhibit metaboly (peculiar flexion)]

Unidentified euglenid species

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

Suborder: EUTREPTINA (Eutreptiales) [two equal flagella]

Family: EUTREPTIDAE

Eutreptia parasitica Michajlow, 1978

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

Suborder: HETERONEMATINA (Heteronematales) [two unequal flagella]

Family: HETERONEMATIDAE

Dinema australiense Michajlow, 1978

ART *Mesocyclops leuckarti* (Claus, 1857); eggs, larvae; R1, R2 (770, 771)

Dinema rostratum Michajlow, 1978

ART *Mesocyclops leuckarti* (Claus, 1857); eggs, larvae; R1, R2 (770, 771)

Dinema rotundum Michajlow, 1972

ART *Mesocyclops leuckarti* (Claus, 1857); eggs; R2 (771)

Dinema sp.

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

Suborder: EMBRYOCOLINA (Embryocoliales) [one emergent flagellum]

Family: EMBRYOCOLIDAE

Embryocola sulcatus Michajlow, 1972

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

***Naupliicola* sp.**

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

Parastasiella naupliorum Michajlow, 1972

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

Class: ZOOMASTIGOPHOREA [flagellates without chloroplasts]

Order: KINETOPLASTIDA [with kinetoplast (extranuclear DNA)]

Suborder: BODONINA [two heterodynamic flagella]

Family: BODONIDAE

***Bodo* sp.**

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

***Cryptobia* sp.**

ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; gills; RU, aquaria (858, 983, 984)

ACT *Gyrinocheilus aymonieri* (Tirant, 1883) [Siamese headbreather, sucking catfish]; gut; RU (imported) (1405)

ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gills; R1 (144, 400, 919)

Dimastigella trypaniformis Sandon, 1928

ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut (lab. colony); RU (1301, 1321)

Ichthyobodo necator (Henneguy, 1883); syn *Costia necatrix* Leclerq, 1890

ACT *Anguilla* sp.; gill, skin; RU (858)

ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills; R4 (144, 628, 634, 858, 1030)

ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; gill, skin; R2, R3 (627, 858, 983)

ACT *Maccullochela peeli* (Mitchell, 1838) [Murray cod]; gills; R4 (144, 1030)

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 1030)

ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; gills; R4 (1030)

***Ichthyobodo* sp.**

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

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

ACT *Salmo* sp.; NR; RU (839)

Pleuromonas jaculans Perty, 1852

ART *Anopheles punctulatus* Dönitz, 1901 [anopheline mosquito]; gut; R1 (687)

Trypanoplasma parmae Mackerras & Mackerras, 1925

ACT *Parma microlepis* Gunther, 1862 [white-ear]; blood; R14 (79, 684, 696)

***Trypanoplasma* sp.**

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

Suborder: TRYPANOSOMATINA [haemoflagellates with one flagellum]

Family: TRYPANOSOMTIDAE

Crithidia mellificae Langridge & McGhee, 1967

ART *Apis mellifera* Linnaeus, 1758 [honey bee]; gut (+ culture); R2 (1514)

***Crithidia* sp.**

ART *Apis mellifera* Linnaeus, 1758 [honey bee]; gut; R2 (1515)

Herpetomonas bancrofti Holmes, 1931

Plant *Ficus scabra* (Forster, 1786) [wild fig]; latex; R1 (48, 486)

Leishmania braziliensis (Vianna, 1911)

MAM *Homo sapiens* Linnaeus, 1758 [human], skin (+ PCR); R2, R8 (tourists, South America, Central America) (1532, 1813)

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, 1790)

Leishmania infantum Nicolle, 1908

MAM *Homo sapiens* Linnaeus, 1758 [human]; skin (culture + PCR); R2 (immigrant) (1816)

Leishmania major Yakimoff & Schokhor, 1914

MAM *Mus musculus* Linnaeus, 1758 [house mouse]; skin (exptl.); R2 (1687, 1775)

***Leishmania* sp.**

ART *Forcipomyia (Lasiohelea) peregrinator* (Debenham, 1983) [midge]; homogenate (PCR); R8 (1886)

ART *Forcipomyia (Lasiohelea)* sp. [midge]; homogenate (PCR); R8 (1886)

MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; skin (+ PCR + ELISA); R8 (1817)

MAM *Macropus bernardus* Rothschild, 1904 [black wallaroo]; skin (+ PCR + ELISA); R8 (1817)

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; skin (culture + PCR + ELISA); R8 (1817)

MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; skin (+ PCR); R8 (1630, 1631, 1790)

Leptomonas muscae-domesticae Burnett, 1906

ART *Calliphora augur* (Fabricius, 1775) [lesser brown blowfly]; NR; R1 (581)

ART *Calliphora stygia* (Fabricius, 1872) [eastern golden-haired blowfly]; NR; R1 (581)

ART *Musca domestica* Linnaeus, 1758 [common housefly]; NR; R1, R2 (581)

Phytomonas bancrofti (Holmes, 1931) McGhee & McGhee, 1979

Plant *Ficus opposita* (Miq., 1848) [sandpaper fig]; latex; RU (1218)

***Phytomonas* sp.**

- Plant *Hoya australis* Brown, 1828 [common 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 *Corcorax melanorhamphos* (Vieillot, 1817) [white-winged chough]; blood; R1 (210, 581)
 AVE *Entomyzon cyanotis* (Latham, 1801) [blue-faced honeyeater]; blood; R1 (210, 579, 581, 694)
 AVE *Lichenostomus fuscus* (Gould, 1837) [brown honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
 AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood; R1 (75)
 AVE *Microeca fascinans* (Latham, 1801) [brown flycatcher]; blood; R1 (210, 216, 217, 579, 581, 694)
 AVE *Myzomela sanguinolenta* (Latham, 1801) [scarlet honeyeater]; blood; R1 (581)
 AVE *Philemon corniculatus* (Latham, 1790) [noisy friarbird, leatherhead]; blood; R1 (1280)

***Trypanosoma anguillicola* Johnston & Cleland, 1910**

- ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; blood; R1, R2 (79, 211, 212, 574, 581, 696)

***Trypanosoma aulopi* Mackerras & Mackerras, 1925**

- ACT *Latropiscus purpurissatus* (Richardson, 1843) [Sergeant baker]; blood; R14 (79, 684, 696)

***Trypanosoma avium* Danilewsky, 1885**

- AVE *Falco hypoleucus* 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, 1374, 1450, 1478, 1576)

***Trypanosoma brucei rhodesiense* (Stephens & Fantham, 1910)**

- MAM *Homo sapiens* Linnaeus, 1758 [human]; blood; R1 (visited Africa) (1531)

***Trypanosoma carcharias* Laveran, 1908**

- CHO *Odontaspis* sp.; blood; R21 (79, 640, 696)

***Trypanosoma chelodina* Johnston, 1907**

- REP *Chelodina longicollis* (Shaw, 1794) [long-necked tortoise]; blood; R1, R4 (128, 211, 212, 533, 572, 575, 577, 581, 695, 1128, 1477, 1478)
 REP *Elseya dentata* (Gray, 1863) [northern snapping turtle]; blood; R1 (695, 1128)
 REP *Elseya latisternum* Gray, 1867 [saw-shelled turtle]; blood; R1 (695, 1128, 1477, 1478)
 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)

REP *Emydura signata* Ahl, 1932 [short-necked tortoise]; blood; R1 (1477, 1478)

***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 copemani* Austen et al., 2009**

ART *Ixodes australiensis* Neumann, 1904 [tick]; faeces, midgut (+ PCR); R6 (1883)

MAM *Bettongia penicillata* Gray, 1837 [brush-tailed bettong, woylie]; blood (+ PCR); R6 (1913)

MAM *Potorous gilberti* (Gould, 1841) [Gilbert's potoroo]; blood (+ PCR); R6 (1469)

MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; blood (+ PCR); R6 (1469, 1883)

MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; blood (+ PCR); R1 (1889, 1890)

***Trypanosoma corvi* Stephens & Christophers, 1908 emend. Baker, 1976**

AVE *Grallina picata* Latham, 1801 [peewit, peewee, Australian magpie lark] syn. *G. cyanoleuca*; blood; R1 (1280)

***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, 1790)

***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, 1621, 1622)

MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; blood (exptl. infection); RU (1623, 1790)

***Trypanosoma gargantua* Laird, 1951**

CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; blood; R21 (655, 658, 696)

***Trypanosoma gilletti* McInnes et al., 2011**

MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; blood (+ PCR); R1 (1889, 1890)

***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, 1790)

Trypanosoma irwini McInnes *et al.*, 2009

MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; blood (+ PCR); R1 (1843, 1889, 1890)

Trypanosoma lewisi (Kent, 1880) Laveran & Mesnil, 1901; syn. *Herpetomonas lewisi* Kent, 1880

MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; blood; R1 (483, 693, 1790)

MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood; R2 (562)

MAM *Rattus fuscipes* (Waterhouse, 1839) [allied rat]; blood; R1 (483, 692, 693, 1790)

MAM *Rattus macleari* (Thomas, 1887) [Christmas Island rat][now extinct]; skin (PCR); R25 (1819)

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, skin (+PCR); R1, R25 (167, 360, 562, 568, 570, 573, 581, 583, 692, 693, 965, 1059, 1060, 1819)

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 nabiasi Railliet, 1895

ART *Spilopsyllus cuniculi* (Dale, 1878) [European rabbit flea]; homogenate (PCR); R2 (1888)

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; blood (+ PCR); R2 (1888)

Trypanosoma notophoyxis 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 [black flying-fox]; blood; R1 (128, 483, 581, 692, 693, 790)

MAM *Pteropus* spp.; blood; RU (1611)

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* (Forsk. 1775) [blue-spotted ray]; blood; R21 (137, 658)

Trypanosoma theileri Laveran, 1902

MAM *Bos taurus* Linnaeus, 1758 [ox]; blood; RU, R1, R2 (167, 692, 693, 1059, 1060, 1168, 1169,

1170, 1171, 1220)

***Trypanosoma thylacis* Mackerras, 1959**

MAM *Isoodon macrourus* (Gould, 1842) [northern brown bandicoot]; blood; RU (483, 693)

***Trypanosoma vegrandis* Thompson *et al.*, 2013**

MAM *Bettongia penicillata* Gray, 1837 [brush-tailed bettong, woylie]; blood (+ PCR); R6 (1913)

***Trypanosoma vespertilionis* Battaglia, 1904**

MAM *Miniopterus schreibersii* (Kuhl, 1817) [common bent-wing bat]; blood; RU (692, 1234, 1790)

***Trypanosoma* sp.**

ACT *Anguilla* sp.; blood; RU (628, 634)

AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; blood; R1 (209)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; blood; R1 (209)

AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; blood; R1 (1382)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; blood; R1 (1382)

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)

AMP *Litoria nyakalensis* Liem, 1974 [Nyakala frog]; blood; R1 (1382)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog] syn. *Hyla peronii*; blood; R1 (1382)

AMP *Mixophyes fleayi* Corben & Ingram, 1987 [barred frog]; blood (PCR); R2 (1450, 1818)

AMP *Nyctimystes dayi* (Günther, 1897) [Day's frog]; blood; R1 (1382)

ANN *Chtonobdella limbata* Grube, 1866 [leech]; crop, R1 (996)

ANN *Micobdella* sp. [leech]; NR; R2 (1450)

ANN *Philaemon* sp. [leech]; NR; R2 (1450)

AVE *Acanthochaera chrysoptera* (Latham, 1801) [little wattlebird]; blood; R1 (216, 217, 571)

AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; blood; R1 (1280)

AVE *Entomyzon cyanotis* (Latham, 1801) [blue-faced honeyeater]; blood; R1 (216, 217)

AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie]; blood; R1 (694, 1280)

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 *Phalacrocorax melanoleucos* (Vieillot, 1817) [little pied cormorant]; blood; R1 (1280)

AVE *Sphecotheres viridis* Vieillot, 1816 [figbird]; blood; RU (217)

AVE *Strepera* sp. [currawong]; blood (culture) (PCR); RU, R2 (1450, 1818)

MAM *Bettongia lesueuri* (Quoy & Gaimard, 1824) [burrowing bettong, boodie]; blood (PCR); R6, R7 (1811, 1818, 1884)

MAM *Bettongia penicillata* Gray, 1837 [brush-tailed bettong, woylie]; blood, tissue (+ PCR); R2, R6 (1495, 1811, 1818, 1884)

MAM *Dasyurus geoffroii* Gould, 1841 [western quoll, chuditch]; blood (PCR); R6 (1811, 1818, 1884)

MAM *Dasyurus maculatus* (Kerr, 1792) [tiger quoll, spotted-tail quoll]; tissue (+ PCR); R6 (1884)

MAM *Isoodon auratus* (Ramsay, 1887) [golden bandicoot]; blood (PCR); R7 (1818)

MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot, quenda]; blood, tissue (+ PCR);

- R3, R6 (78, 691, 1790, 1884)
- MAM *Lagostrophus fasciatus* (Peron & Lesueur, 1807) [banded hare-wallaby, mernine]; blood (+ PCR); R6 (1884)
- MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby, dama wallaby]; tissue (+ PCR); R6 (1884)
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; blood, tissues (+ PCR); R6 (1884)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; blood (PCR)(culture); R2 (1576, 1659, 1660, 1790, 1818)
- MAM *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; blood, lung, liver, heart (PCR); RU, R2 (692, 916, 1450, 1538, 1790, 1818)
- MAM *Parantechinus apicalis* (Gray, 1842) [dibbler]; blood; R6 (1811, 1818)
- MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; blood; R3 (78)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; blood (PCR); R2 (1450, 1818)
- MAM *Planigale maculata* (Gould, 1851) [common planigale]; blood (PCR); R7 (1818)
- MAM *Potorous gilberti* (Gould, 1841) [Gilbert's potoroo]; NR (PCR); RU (1818)
- MAM *Pseudomys albocinereus* (Gould, 1845) [ash-grey mouse]; blood (PCR); R6 (1811, 1818)
- MAM *Pseudomys fieldi* (Waite, 1896) [djoongari, Shark Bay mouse]; blood (PCR); R7 (1818)
- MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat, allied rat]; blood (PCR); R6 (1818)
- MAM *Rattus macleari* (Thomas, 1887) [Christmas Island rat][now extinct]; blood; R25 (1838, 1866)
- MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; blood; R25 (1838, 1866)
- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; NR, tissue (+ PCR); RU, R6 (1818, 1884)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; blood (PCR); R6 (1818, 1884)
- MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; blood (culture)(PCR); R2 (1450, 1576, 1659, 1790, 1818)
- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; blood (culture)(PCR); RU, R2 (1450, 1818)
- 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)
- REP *Chelodina longicollis* (Shaw, 1794) [eastern snake-necked or long-necked tortoise]; blood; R1 (1477)
- REP *Elseya latisternum* Gray, 1867 [saw-shelled turtle]; blood; R1 (1477)
- REP *Emydura signata* Ahl, 1932 [short-necked tortoise]; blood; R1 (1477)

INCERTAE SEDIS

Perkinsiella amoebae Hollande, 1980

LOB:amo *Neoparamoeba branchiphila* Dykova *et al.*, 2005; endosymbiont (cytoplasm); gills; R3 (1402)

LOB:amo *Neoparamoeba pemaquidensis* (Page, 1970) syn. *Paramoeba pemaquidensis* Page, 1970; endosymbiont (cytoplasm); gills; R3 (1402)

Order: PROTEROMONADIDA [small symbiotrophs of amphibia and reptiles]

Family: PROTEROMONADIDAE [one to two-pairs of flagella]

Karotomorpha bufonis (Dobell, 1908) Grasse, 1926AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (276)

Order: RETORTAMONIDIDA [twisted bodies with large oral apertures]

Family: COCHLOSOMIDAE

***Cochlosoma* sp.**AVE *Emblema picta* Gould, 1842 [painted firetail, painted finch]; intestines; R1 (361, 362, 1790)AVE *Erythrura gouldiae* (Gould, 1844) [Gouldian finch]; intestines; R1 (362, 698, 1790)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, 1790)AVE '*Lonchura domestica*' ['Bengalese finch']; intestines; R1 (361, 362, 698)AVE *Lonchura punctulata* (Linnaeus, 1758) [nutmeg mannikin]; intestines; R1 (362, 1790)AVE *Nymphicus hollandicus* (Kerr, 1792) [cockatoo]; NR; RU (1790)AVE *Taeniopygia bichenovii* (Vigors & Horsfield, 1827) [double-barred finch]; intestines; R1 (362)AVE *Taeniopygia guttata* (Gould, 1837) [zebra finch]; intestines; R1 (361, 362, 899, 1790)

Family: RETORTAMONADIDAE

Chilomastix caulleryi (Alexeieff, 1909)AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1, R9 (276, 277, 1087)AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (276)AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)AMP *Litoria latopalmata* Gunther, 1867 [broad-palmed frog]; intestines; RU (276)AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (276)AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (276)AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)AMP *Taudactylus rheophilus* Liem & Hosmer, 1973 [tinkling frog]; intestines; RU (276)***Chilomastix mesnili*** (Wenyon, 1910) Alexeieff, 1912MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, gut; RU, R1, R2, R8 (65, 692, 728, 763, 1770, 1897, 1899)MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R6 (1864)***Copromonas subtilis*** Dobell, 1908AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; gut; R1 (978)AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; gut; R1 (978)AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; gut; R1 (978)AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; gut; R1 (978)AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; gut; R1 (978)***Copromonas* sp.**REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; rectum; R5 (586)***Retortamonas dobelli*** (Bishop, 1931)AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1 (276, 277, 1087)

Retortamonas hominis [binomen unknown; probably *Retortamonas intestinalis*]

MAM *Homo sapiens* Linnaeus, 1758 [man]; faeces; R2 (1770)

Retortamonas intestinalis (Wenyon & O'Connor, 1917) Wenrich, 1932

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces; R3 (405)

Retortamonas mitrula Kirby & Honigberg, 1950

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

Order: DIPLOMONADIDA [diplomonads, with 2 karyomastigonts, bilateral symmetry]

Unidentified diplomonad species

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

Family: ENTEROMONADIDAE

Enteromonas hominis da Fonesca, 1915

MAM *Homo sapiens* Linnaeus, 1758 [man]; faeces; R1, R2 (1770, 1898, 1899)

Family: HEXAMITIDAE

Giardia agilis Kunstler, 1882

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (276, 277, 1087)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)

Giardia duodenalis (Davaine, 1875) Filice, 1952; syn. *G. lamblia* Stiles, 1915; syn. *G. intestinalis* (Lambl, 1859)

ACT *Lates calcarifer* (Bloch, 1790) [barramundi, giant perch]; gut (+ PCR); R6 (1717)

ACT *Acanthopagrus butcheri* Munro, 1949 [southern black bream]; gut (+ PCR); R6 (1717)

ACT *Pagrus auratus* Forster, 1801 [snapper]; gut (+ PCR); R6 (1717)

ACT *Argyrosomus japonicus* Temminck & Schlegel, 1843 [mulloway, Japanese croaker]; gut (+ PCR); R6 (1717)

ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; gut (+ PCR); R6 (1717)

ACT *Galaxias occidentalis* Ogilby, 1899 [western minnow]; gut (+ PCR); R6 (1717)

AVE Unidentified bird species; faeces (PCR); R6 (1729)

MAM *Aepyprymnus rufescens* (Gray, 1837) [rufous bettong]; faeces (+ PCR); R6 (1822)

MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces (+ IMS) (+ PCR); R1, R2, R5, R6 (341, 735, 1199, 1295, 1583, 1679, 1729, 1730, 1735, 1738, 1739, 1741, 1764)

MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces (+ IMS), coproantigens (ELISA), duodenum; R2, R3, R4, R5, R6, R8, R10 (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, 1398, 1551, 1556, 1633, 1679, 1730, 1731, 1735, 1738, 1739, 1741, 1764, 1778)

MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces (+ PCR); R6 (1741)

MAM *Cavia porcellus* Linnaeus, 1758 [guinea pig] syn. *Cavia cutleri* Bennett, 1835; gut; R5 (1730)

MAM *Callithrix* sp. [marmoset]; gut; R5 (1730)

MAM *Dasyurus maculatus* (Kerr, 1792) [tiger quoll]; faeces (+ PCR); R6 (1822)

MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces (+ IMS)(+ PCR); R2, R5, R6 (341, 616, 724, 1740, 1764)

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces (+ IMS), duodenum (+ PCR)(+ CELISA), R1, R2, R3, R5, 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, 1540, 1541, 1551, 1633, 1684, 1730, 1731, 1735, 1739, 1741, 1764, 1837, 1863)
- MAM *Homo sapiens* Linnaeus, 1758 [human], gut, faeces (+ PCR), coproantigens (ELISA), culture; 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, 1303, 1406, 1407, 1410, 1411, 1425, 1434, 1438, 1457, 1525, 1542, 1551, 1556, 1619, 1624, 1625, 1678, 1679, 1680, 1681, 1683, 1690, 1727, 1730, 1731, 1734, 1735, 1738, 1739, 1741, 1770, 1778, 1786, 1793, 1809, 1812, 1815, 1835, 1839, 1844, 1887, 1893, 1899)
- MAM *Hylobates syndactylus* Raffles, 1821 [siamang]; faeces; R5 (1730)
- MAM *Isoodon macrourus* (Gould, 1842) [northern brown bandicoot]; faeces; RU (1330)
- MAM *Lama pacos* Linnaeus, 1758 [alpaca]; faeces; R5 (341, 1730)
- MAM *Lasiorhinus latifrons* (Owen, 1845) [southern hairy-nosed wombat]; faeces (+ PCR); R6 (1822)
- MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces (+ PCR); R6 (1822)
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces (+ PCR); R6 (1822)
- MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; faeces (+ PCR); R6 (1822)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces (+ PCR); R6 (1822)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; intestine, faeces (+ PCR)(exptl.); R1, R5, R6 (18, 19, 108, 116, 338, 339, 341, 735, 736, 792, 793, 1064, 1144, 1193, 1197, 1203, 1400, 1551, 1709, 1739, 1741)
- MAM *Notomys alexis* Thomas, 1922 [spinifex hopping-mouse]; faeces; R5 (339)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (+ IMS), gut (+ PCR); RU, R5, R6 (132, 328, 341, 762, 764, 795, 1149, 1678, 1729, 1730, 1764, 1779)
- MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; faeces (exptl. infection); R3 (1303)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces (+ PCR); R2, R4 (1917)
- MAM *Petrogale xanthopus* Gray, 1855 [yellow-footed rock-wallaby]; faeces (+ PCR); R6 (1822)
- MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; faeces (+ PCR); R6 (1822)
- MAM *Planigale maculata* (Gould, 1851) [common planigale]; faeces (+ PCR); R6 (1920)
- MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed rat-kangaroo]; faeces (+ PCR); R6 (1822)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; intestine (+ PCR)(exptl. infection); R5, R6 (762, 764, 1064, 1142, 1144, 1551, 1730, 1741)
- MAM *Rattus* sp.; gut; RU (735, 759)
- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; faeces (+ PCR); R6 (1822)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces (+ IMS); R2, R5 (341, 1551, 1730, 1764)
- MAM *Thylogale thetis* (Lesson, 1827) [red-necked pademelon]; faeces; RU (1330)
- MAM *Trichosurus cunninghami* Lindenmayer *et al.*, 2002 [mountain brushtail possum]; faeces (+ PCR); R6 (1822)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; faeces (+ PCR); R6 (1822)
- MAM Unidentified kangaroo species; faeces (PCR); R6 (1729)
- MAM *Vulpes vulpes* (Linnaeus, 1758) [fox]; faeces (IMS)(PCR); R2, R6 (1729, 1764, 1837)
- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; faeces (+ PCR); R6 (1822)

- ACT *Lates calcarifer* (Bloch, 1790) [barramundi, giant perch]; gut (+ PCR); R6 (1717)
- 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, 1551, 1730)
- Giardia psittaci*** Erlandsen & Bemrick, 1987
AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; faeces, intestines; RU, R1, pet shops (USA) (332, 333, 334, 363, 616)
- Giardia* sp.**
AVE *Cacatua galerita* (Latham, 1790) [sulphur-crested cockatoo]; intestines; R2 (386, 1203, 1790)
AVE *Chenonetta jubata* (Latham, 1801) [maned duck]; faeces (IMS); R2 (1764)
AVE *Dromaius novaehollandiae* (Latham, 1790) [emu]; gut; RU (1106)
AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; intestines; pet shops (USA) (124, 482, 926, 1790)
AVE *Threskiornis spinicollis* (Jameson, 1835) [straw-necked ibis]; intestines; R6 (380, 751, 752, 1790)
MAM *Cavia porcellus* Linnaeus, 1758 [guinea pig]; gut, faeces; R5 (735)
MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R6 (1332)
MAM *Canis familiaris dingo* Linnaeus, 1758 (= *Canis lupus dingo*) [dingo]; faeces; RU (1837)
MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot, quenda]; intestines, faeces (+ PCR); RU, R3, R6 (692, 1278, 1303, 1790, 1811, 1920)
MAM *Macropus rufogriseus* (Desmarest, 1817) [red-necked wallaby, Bennett's wallaby]; faeces; RU, R3 (1303, 1790)
MAM *Macropus* sp. ; faeces; R3 (781)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; gut, faeces (+ PCR); RU, R6 (167, 692, 735, 837, 1059, 1060, 1144, 1172, 1634)
MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; faeces; RU, R3 (1303, 1790)
MAM *Perameles* sp. [bandicoot]; faeces; R3 (781, 1633)
MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; faeces; RU, R3 (1303, 1822)
MAM *Pseudomys albocinereus* (Gould, 1845) [ash-grey mouse]; faeces (+ PCR); R6 (1920)
MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed rat kangaroo]; faeces; RU, R3 (1303, 1633, 1790)
MAM *Pseudocheirus langinosus* (Gould, 1858) [ringtail possum]; NR; RU (1790)
MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat, allied rat]; faeces (+ PCR); R6 (1920)
MAM *Rattus villosissimus* (Waite, 1898) [long-haired rat]; gut; RU (692)
MAM *Sarcophilus harrisii* (Boitard, 1841) [Tasmanian devil]; faeces; R3 (781, 1633)
MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces (+ PCR); R6 (1635, 1837, 1842, 1864)
MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; faeces; RU, R3 (1303, 1633, 1790)
MAM *Trichosurus arnhemensis* Collett, 1897 [northern brushtail possum]; faeces; R3 (781, 1790)
MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; faeces; R3 (1303)
MAM Unidentified possum species; faeces; R3 (1633)
MAM Unidentified wallaby species; faeces; R3 (1633)
MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; faeces; RU, R3 (1303, 1633, 1790)
NEM *Ancylostoma caninum* (Ercolani, 1859) Hall, 1913 [dog hookworm]; gut; R1 (1618)

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 *Glyptotermes iridipennis* Froggatt, 1897 [termite] [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*]; hindgut; R1 (317)

***Hexamita* sp.**

- ACT *Acanthurus dussumieri* Cuvier & Valenciennes, 1835 [Dussumier's surgeonfish]; intestine; R13 (669)
- ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; intestine; R4 (669)
- ACT *Monacanthus chinensis* Osbeck, 1765 [fan-bellied leatherjacket]; intestine; R13 (669)
- ACT *Paracheirodon axelrodi* (Schultz, 1956) [cardinal tetra]; NR; RU (imported) (1405)
- ACT *Paracheirodon innesi* (Myers, 1936) [neon tetra]; NR; RU (imported) (1405)
- 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 [New Holland frog]; intestines; RU (276)
- AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (276)
- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)
- AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (276)
- AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (276)
- AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (276)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (276)
- AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (276)
- AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)
- AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (276)
- AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (276)
- AMP *Litoria dahlii* (Boulenger, 1896) [Dahl's aquatic frog]; intestines; RU (276)
- AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (276)
- AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (276)
- AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)
- AMP *Litoria gracilentata* (Peters, 1869) [dainty green tree frog]; intestines; RU (276)
- AMP *Litoria inermis* (Peters, 1867) [floodplain frog]; intestines; RU (276)
- AMP *Litoria infrafronata* (Gunther, 1867) [giant tree frog]; intestines; RU (276)
- AMP *Litoria latopalmata* Gunther, 1867 [broad-palmed frog]; 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 [Nyakala frog]; intestines; RU (276)
- AMP *Litoria pallida* Davis *et al.*, 1983 [pale frog]; intestines; RU (276)
- AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)
- AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog]; intestines; RU (276)
- AMP *Litoria revelata* Ingram *et al.*, 1982 [whirring tree frog]; intestines; RU (276)
- AMP *Litoria rheocola* Liem, 1974 [creek frog]; intestines; RU (276)

- AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (276)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)
 AMP *Litoria serrata* (Andersson, 1916) [fringed tree frog] syn. *L. eucnemis*; intestines; RU (276)
 AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; intestines; RU (276)
 AMP *Litoria verreauxii* (Dumeril, 1853) [Verreaux's tree 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 [painted burrowing frog]; intestines; RU (276)
 AMP *Nyctimystes dayi* (Günther, 1897) [Day's frog]; intestines; RU (276)
 AMP *Pseudophryne coriacea* Keferstein, 1868 [red-backed toadlet]; intestines; RU (276)
 AMP *Ranidella bilingua* (Martin *et al.*, 1980) [bilingual froglet]; intestines; RU (276)
 AMP *Ranidella insignifera* (Moore, 1954) [western sign-bearing froglet]; intestines; RU (276)
 AMP *Ranidella parinsignifera* (Main, 1957) [eastern sign-bearing froglet]; intestines; RU (276)
 AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (276)
 AMP *Uperoleia laevigata* Keferstein, 1867 [smooth toadlet]; intestines; RU (276)

Spironucleus 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)

Spironucleus 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)

***Spironucleus* sp.**

- AVE *Alisterus scapularis* (Lichtenstein, 1816) [Australian king-parrot]; intestines; R1 (1598)
 AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; crop; R6 (748, 1790)
 AVE *Nymphicus hollandicus* (Kerr, 1792) [cockateil]; NR; RU (1790)
 AVE *Neophema splendida* (Gould, 1841) [scarlet-chested parrot, splendid parrot]; NR; RU (1790)

Order: PYRSONYMPHIDA [heterotrophs in wood-eating insects, lack parabasal body]

Family: PYRSONYMPHIDAE

***Oxymonas* sp.**

- ART *Calotermes condonensis* Hill, 1922 [termite]; gut; RU (1113)

***Pyrsonympha* sp.**

- ART Unidentified termite species; gut; R3 (1444)

Superorder: PARABASALIDEA [parabasal bodies present (Golgi complexes)]

Order: TRICHOMONADIDA [recurrent flagellum with undulating membrane]

Family: MONOCERCOMONADIDAE

Histomonas meleagridis (Smith, 1895) Tyzzer, 1920; syn. *Amoeba meleagridis* Smith, 1895

- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; caeca, liver; R1, R2, R3, R5 (167, 191, 450, 454, 801, 980, 1005, 1059, 1060)
 AVE *Meleagris gallopavo* Linnaeus, 1758 [domestic turkey]; intestines, liver; RU, R2, R3, R4, R5 (73, 167, 191, 570, 801, 1059, 1060)

- AVE *Pavo cristatus* Linnaeus, 1758 [peafowl]; liver, intestines; R1, R2, R3 (167, 801, 942, 1059, 1060)
 AVE *Phasianus colchicus* Linnaeus, 1758 [common pheasant]; intestines; R2, R5 (167)

***Histomonas* sp.**

- AVE *Alectoris chukar* Gray, 1830 [chukar partridge]; NR; RU (801)
 AVE *Coturnix* sp.; NR; RU (990)

***Monocercomonas batrachorum* (Dobell, 1908)**

- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca; R1, R9 (276, 277, 1087)
 AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (276)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestines; RU (276)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (276)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)
 AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (276)
 AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (276)
 AMP *Litoria dahlii* (Boulenger, 1896) [Dahl's aquatic frog]; intestines; RU (276)
 AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (276)
 AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (276)
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)
 AMP *Litoria gracilentata* (Peters, 1869) [dainty green tree frog]; intestines; RU (276)
 AMP *Litoria inermis* (Peters, 1867) [floodplain frog]; intestines; RU (276)
 AMP *Litoria latopal mata* Gunther, 1867 [broad-palmed frog]; 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 [pale frog]; intestines; RU (276)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)
 AMP *Litoria rheocola* Liem, 1974 [creek frog]; intestines; RU (276)
 AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (276)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)
 AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; 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) [bilingual froglet]; intestines; RU (276)
 AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (276)
 AMP *Uperoleia laevigata* Keferstein, 1867 [smooth toadlet]; intestines; RU (276)

***Monocercomonas* sp.**

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

Family: DEVOSCOVIIDAE

***Crucinympha hilli* (Duboscq & Grasse, 1926 [syn. *Devescovina hilli*])**

- ART *Glyptotermes iridipennis* Froggatt, 1897 [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*] [termite]; hindgut; RU (1499)

***Devescovina hilli* Duboscq & Grasse, 1926**

- ART *Glyptotermes iridipennis* Froggatt, 1897 [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*] [termite]; hindgut; R1 (317)

Devescovina lemniscata Kirby, 1926

- ART *Neotermes insularis* (Walker, 1853) [termite]; hindgut; R1, R4 (1500, 1672)
 ART *Cryptotermes queenslandis* (Hill, 1933) [termite]; hindgut; RU (1500)
 ART *Glyptotermes tuberculatus* Froggatt, 1897 [termite]; hindgut; RU (1500)

Devescovina striata Foa, 1904

- ART *Neotermes insularis* (Walker, 1853) [ringant termite] [syn. *Calotermes insularis*]; gut; RU (1113)
 ART *Calotermes condonensis* Hill, 1922 [termite]; gut; RU (1113)

***Devescovina* sp.**

- ART *Cryptotermes gearyi* (Hill, 1942) [termite]; hindgut; R1 (1672)

Foaina costata Kirby, 1942

- ART *Neotermes insularis* (Walker, 1853) [ringant termite] [syn. *Calotermes insularis*]; gut; RU (1502)

Foaina delicata Kirby, 1938 [= *Devescovina hilli* (young stages)]

- ART *Glyptotermes iridipennis* Froggatt, 1897 [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*] [termite]; hindgut; RU (1499, 1502)
 ART *Glyptotermes brevicornis* Froggatt, 1897 [termite]; hindgut; R1, R2 (1502)
 ART *Glyptotermes eucalypti* Froggatt, 1897 [termite] [syn. *Calotermes neotuberculatus*, *Glyptotermes neotuberculatus*]; hindgut; R4 (1502)

Foaina exempta Kirby, 1942

- ART *Neotermes insularis* (Walker, 1853) [ringant termite] [syn. *Calotermes insularis*]; gut; RU (1502)

Foaina funifera Kirby, 1942

- ART *Cryptotermes queenslandis* (Hill, 1933) [termite]; hindgut; RU (1502)
 ART *Glyptotermes tuberculatus* Froggatt, 1897 [termite]; hindgut; RU (1502)

Foaina hilli (Duboscq & Grasse, 1926)

- ART *Glyptotermes iridipennis* Froggatt, 1897 [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*] [termite]; hindgut; RU (1502)
 ART *Glyptotermes brevicornis* Froggatt, 1897 [termite]; hindgut; R1, R2 (1502)

Foaina nana (Kirby, 1926) Kirby, 1942

- ART *Kalotermes condonensis* Hill) [termite]; gut; R4 (1502)

Foaina parvula Kirby, 1942

- ART *Glyptotermes eucalypti* Froggatt, 1897 [termite] [syn. *Calotermes neotuberculatus*, *Glyptotermes neotuberculatus*]; gut; R4 (1502)

Foaina solita Kirby, 1942

- ART *Cryptotermes queenslandis* (Hill, 1933) [termite]; hindgut; R6 (1502)
 ART *Glyptotermes tuberculatus* Froggatt, 1897 [termite]; hindgut; R4 (1502)

Hyperdevescovina balteata Kirby, 1949

- ART *Ceratokalotermes spoliator* (Hill, 1932) [syn. *Calotermes spoliator*] [termite]; hindgut; R4 (1505, 1672)

Hyperdevescovina falcifera Kirby, 1949ART *Kalotermes banksiae* (Hill, 1942)) [termite]; hindgut; R2 (1505, 1672)ART *Kalotermes rufinotum* (Hill, 1925) [= *Kalotermes banksiae*] [termite]; hindgut; R4 (1505)***Hyperdevescovina mitrata*** Kirby, 1949ART *Kalotermes convexus* (Walker, 1853) [termite] [syn. *Calotermes tillyardi*, *Proglyptotermes tillyardi*]; hindgut; R4 (, 1505, 1672)ART *Kalotermes pallidinotum* (Hill, 1942) [termite]; hindgut; R4 (1505, 1672)***Hyperdevescovina riciniata*** Kirby, 1949ART *Calotermes atratus* (Hill, 1933); hindgut; R4 (1505)***Hyperdevescovina torquata*** Kirby, 1949ART *Kalotermes hilli* Emerson, in Snyder, 1949 [termite]; hindgut; R6 (1505)***Macrotrichomonas pulchra*** Grassi, 1917ART *Glyptotermes eucalypti* Froggatt, 1897 [termite] [syn. *Calotermes neotuberculatus*, *Glyptotermes neotuberculatus*]; gut; R4 (1501)ART *Glyptotermes brevicornis* Froggatt, 1897 [termite]; gut; R1, R2 (1501)ART *Glyptotermes iridipennis* Froggatt, 1897 [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*] [termite]; gut; R2 (1501)***Metadevescovina extranea*** Kirby, 1945ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut (+ lab. colony); RU, R8 (1300, 1504)***Metadevescovina patula*** Kirby, 1945ART *Kalotermes condonensis* Hill [termite][= *Bifiditermes improbus*]; hindgut; R4 (1504)***Pseudodevescovina uniflagellata*** Sutherland, 1933ART *Neotermes insularis* (Walker, 1853) [ringant termite] [syn. *Calotermes insularis*]; gut; RU (1113, 1504)

Family: TRICHOMONADIDAE

Mixotricha paradoxa Sutherland, 1933ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut (+ lab. colony); RU, R1, R8, R10 (1113, 1208, 1366, 1369, 1467, 1695, 1704)***Pentatrichomonoides scroa*** Kirby, 1945ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut (lab. colony); RU (1300)***Pentatrichomonoides* sp.**ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut; R1 (1327)***Pseudotrypanosoma elphinstoniae*** Cameron & O'Donoghue, 2003ART *Schedorhinotermes intermedius* (Brauer) [termite]; gut; R1 (1351)ART *Schedorhinotermes seclusus* (Hill, 1933) [termite]; gut; R1 (1351)

Pseudotrypanosoma giganteum Grassi, 1917

ART *Porotermes adamsoni* (Froggatt, 1897); gut (+ PCR); RU, R2 (1113, 1325, 1367, 1435, 1466, 1490, 1497)

Pseudotrypanosoma minimum Sutherland, 1933

ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; RU, R2 (1113, 1490)

Tetratrichomonas gallinarum (Martin & Robertson, 1911) Honigberg, 1963; syn. *Trichomonas gallinarum* Martin & Robertson, 1911

AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines; R2 (167, 801, 1059)

Tetratrichomonas prowazeki (Alexeieff, 1909)

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)

Trichomastix batrachorum Dobell, 1908

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; large intestine; R1 (978)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; R1 (978)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestine; R1 (978)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; R1 (978)

***Trichomastix* sp.**

AMP *Litoria caerulea* (White, 1790) [green tree frog]; gut; R1 (581)

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, 1837)

AMP *Cophixalus ornatus* (Fry, 1912) [ornate nursery frog]; intestines; RU (276)

AMP *Cyclorana brevipes* (Peters, 1871) [short-footed frog]; intestines; RU (276)

AMP *Cyclorana novaehollandiae* Steindachner, 1867 [New Holland frog]; intestines; RU (276)

AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (276)

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (276)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (276)

AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (276)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (276)

AMP *Limnodynastes salmini* Steindachner, 1867 [salmon-striped frog]; intestines; RU (276)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (276)

AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (276)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; RU (276)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (276)

AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (276)

AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (276)

AMP *Litoria dahlii* (Boulenger, 1896) [Dahl's aquatic frog]; intestines; RU (276)

AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (276)

AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (276)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (276)

AMP *Litoria gracilentata* (Peters, 1869) [dainty green tree frog]; intestines; RU (276)

AMP *Litoria inermis* (Peters, 1867) [floodplain frog]; intestines; RU (276)

AMP *Litoria latopal mata* Gunther, 1867 [broad-palmed frog]; intestines; RU (276)

AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; RU (276)

- AMP *Litoria nannotis* (Andersson, 1916) [torrent tree frog]; intestines; RU (276)
 AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (276)
 AMP *Litoria nigrofrenta* (Gunther, 1867) [bridled frog]; intestines; RU (276)
 AMP *Litoria nyakalensis* Liem, 1974 [Nyakala frog]; intestines; RU (276)
 AMP *Litoria pallida* Davis *et al.*, 1983 [pale frog]; intestines; RU (276)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (276)
 AMP *Litoria revelata* Ingram *et al.*, 1982 [whirring tree frog]; intestines; RU (276)
 AMP *Litoria rheocola* Liem, 1974 [creek frog]; intestines; RU (276)
 AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (276)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (276)
 AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; intestines; RU (276)
 AMP *Litoria tyleri* Martin *et al.*, 1979 [Tyler's tree frog]; 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 pelobatooides* (Werner, 1914) [humming frog]; intestines; RU (276)
 AMP *Neobatrachus pictus* Peters, 1863 [painted burrowing frog]; intestines; RU (276)
 AMP *Nyctimystes dayi* (Günther, 1897) [Day's frog]; intestines; RU (276)
 AMP *Pseudophryne bibronii* Günther, 1858 [brown toadlet]; intestines; RU (276)
 AMP *Pseudophryne coriacea* Keferstein, 1868 [red-backed toadlet]; intestines; RU (276)
 AMP *Rana daemeli* (Steindachner, 1868) [wood frog]; intestines; RU (276)
 AMP *Ranidella bilingua* (Martin *et al.*, 1980) [bilingual froglet]; intestines; RU (276)
 AMP *Ranidella parinsignifera* (Main, 1957) [eastern sign-bearing froglet]; intestines; RU (276)
 AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (276)
 AMP *Sphenophryne robusta* (Fry, 1912) [Fry's frog, robust frog] = *Austrochaperina robusta*, = *Austrochaperina fryi*; intestines; RU (276)
 AMP *Taudactylus rheophilus* Liem & Hosmer, 1973 [tinkling frog]; intestines; RU (276)
 AMP *Uperoleia laevigata* Keferstein, 1867 [smooth toadlet]; 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, R2, R8 (65, 692, 763, 1770)

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 (+ PCR)(+ culture); RU, R1, R2, R8, R10, R12, R20 (132, 662, 692, 922, 1204, 1211, 1212, 1318, 1401, 1422, 1510, 1568, 1600, 1669, 1690, 1691)

***Trichomonas* sp.**

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

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

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 *Erythrura gouldiae* (Gould, 1844) [Gouldian finch]; NR; RU (1790)

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, 1790)

AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; oesophagus, pharynx; R2 (989)

AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; gut; RU (446, 447, 1790)

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 *Bos taurus* Linnaeus, 1758 [ox]; preputial cavity (culture); R8 (1539)

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 *Bothrochilus fuscus* (Peters, 1873) [water python]; NR; RU (1790)

REP *Egernia stokesii* (Gray, 1845) [Gidgee skink]; NR; RU (1790)

REP *Oxyuranus scutellatus* (Peters, 1867) [taipan]; faeces; zoo (Aust.) (125, 1790)

REP *Tiliqua multifasciata* Sternfeld, 1919 [centralian blue-tongued skink]; NR; RU (1790)

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

REP *Varanus storri* Mertens, 1966 [Storr's monitor]; NR; RU (1790)

REP *Varanus varius* (White, 1790) [lace monitor]; NR; RU (1790)

Tritrichomonas eberthi (Martin & Robertson, 1911)

AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; mouth, larynx; RU (167, 430)

AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; NR; RU (801)

Tritrichomonas foetus (Riedmuller, 1928) Kofoid, 1920; syn. *Trichomonas foetus* Riedmuller, 1928

MAM *Bos taurus* Linnaeus, 1758 [ox]; urogenital tract; RU, R1, R2, R3, R8, R9 (6, 63, 69, 70, 132, 167, 189, 190, 197, 198, 199, 200, 201, 202, 280, 302, 318, 326, 383, 467, 618, 692, 753, 860, 866, 867, 939, 940, 987, 1016, 1059, 1060, 1069, 1114, 1115, 1125, 1167, 1256, 1257)

MAM *Felis catus* Linnaeus, 1758 [cat]; faeces (culture); R6 (1748)

Unidentified trichomonads

ACT *Odax cyanomelas* (Richardson, 1850) [herring cale, wrasse]; gut; R13 (1364)

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

Family: CALONYMPHIDAE

Stephanonympha silvestrii Janicki, 1915

ART *Neotermes insularis* (Walker, 1853) [ringant termite] [syn. *Calotermes insularis*]; gut; RU (1113)

Stephanonympha spinosa Kirby & Margulis, 1994

ART *Cryptotermes queenslandis* (Hill, 1933) [termite]; gut; R6 (1494)

Order: HYPERMASTIGIDA [multiple flagella arranged in tufts, plates or rows]

Unidentified hypermastigid species

ART *Coptotermes lacteus* Froggatt, 1898 [[milk termite]; hindgut; RU, R2 (336, 485, 879, 1071)

ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut; RU (1071, 1208)

ART *Panesthia cribrata* Saussure, 1864 [wood-eating cockroach]; midgut, hindgut; RU, R2 (1056, 1071)

Suborder: LOPHOMONADINA [flagella confined to single anterior group]

Family: JOENIIDAE

Joenina pulchella Grassi, 1917

ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; RU, R2 (1113, 1367, 1435, 1490, 1497)

***Lophomonas* sp.**

ART Unidentified termite species; gut; R3 (1444)

Microjoenia anterodepressa Brugerolle, 2001

ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; R2 (1326)

Suborder: TRICHONYMPHINA [body with distinct rostrum]

Family: TRICHONYMPHIDAE

Deltotrichonympha nana Cleveland, 1966

ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut; R1, R8, R10 (1208, 1370, 1695)

Deltotrichonympha operculata Sutherland, 1933

ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut; R1, R8, R10 (1113, 1208, 1370, 1465, 1670, 1671, 1673, 1695)

Koruga bonita Cleveland, 1966

ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; hindgut; RU, R8 (1208, 1368, 1670, 1671, 1673, 1695)

Pseudotrichonympha hertwigi Grassi, 1917

ART *Coptotermes acinaciformis* (Froggatt, 1898) [subterranean termite]; gut; RU (1113)

ART *Coptotermes frenchi* Hill, 1932 [termite]; gut; RU (1113)

Pseudotrichonympha hertwigi major Grassi, 1917

ART *Coptotermes lacteus* Froggatt, 1898 [[milk termite]; hindgut; RU (1435)

Pseudotrichonympha parvipapillosa Grassi, 1917

ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; RU (1367)

ART *Schedorhinotermes intermedius* (Brauer) [termite]; gut; RU (1435)

Trichonympha chattoni Duboscq & Grasse, 1927

ART *Glyptotermes iridipennis* Froggatt, 1897 [syn. *Kalotermes iridipennis*, *Calotermes iridipennis*][termite]; hindgut; R1, R2 (317, 1498, 1503)

ART *Glyptotermes brevicornis* Froggatt, 1897 [termite]; hindgut; R1, R2 (1503)

ART *Glyptotermes eucalypti* Froggatt, 1897 [termite] [syn. *Calotermes neotuberculatus*, *Glyptotermes neotuberculatus*]; hindgut; R4 (1503)

Trichonympha leidy Kent, 1885

ART Unidentified termite species; gut; R3 (1444, 1498)

Trichonympha magna Grassi, 1917

ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut (+ PCR); RU, R2 (1113, 1367, 1435, 1490, 1497, 1498)

Trichonympha zeylanica (Dobell, 1910)

ART *Kalotermes hilli* Emerson, in Snyder, 1949 [syn. *Kalotermes obscurus*, *Calotermes obscures*, *Proglyptotermes hilli*] [termite]; hindgut; R6 (1503)

***Trichonympha* sp.**

ART *Kalotermes hilli* Emerson, in Snyder, 1949 [syn. *Kalotermes obscurus*, *Calotermes obscures*, *Proglyptotermes hilli*] [termite]; gut; RU (1498)

ART *Kalotermes rufinotum* (Hill, 1925) [= *Kalotermes banksiae*] [termite]; gut; RU (1498)

ART *Kalotermes nigrolabrum* Hill) [termite]; gut; RU (1498)

ART *Glyptotermes brevicornis* Froggatt, 1897 [syn. *Calotermes brevicornis*, *Glyptotermes nigrolabrum* Hill, *Glyptotermes dubius* Mjoberg, *Glyptotermes perangustus* Hill, *Calotermes nigrolabrum*, *Kalotermes nigrolabrum*, *Calotermes trilineatus*] [termite]; gut; RU (1498)

Family: SPIROTRICHOSOMIDAE

Spirotrichosoma campanulum Cleveland & Day, 1958

ART *Stolotermes brunneicornis* (Hagen, 1858) [termite]; gut; R3 (1365)

Spirotrichosoma capitata Sutherland, 1933 [syn. *S. capitatum*]

ART *Stolotermes victoriensis* Hill, 1921 [termite]; gut; RU, R4 (1113, 1365)

Spirotrichosoma elongatum Cleveland & Day, 1958

ART *Stolotermes queenslandicus* Mjoberg, 1920 [termite]; gut; R1 (1365)

Spirotrichosoma linum Cleveland & Day, 1958

ART *Stolotermes brunneicornis* (Hagen, 1858) [termite]; gut; R3 (1365)

Spirotrichosoma obtusa Sutherland, 1933

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

Spirotrichosoma synaxostylatum Cleveland & Day, 1958

ART *Stolotermes* sp. [termite]; gut; R1 (1365)

Family: STAUROJOENINIDAE

Staurojoenina assimilis Kirby, 1926

ART *Calotermes condonensis* Hill, 1992 [termite]; gut; RU (1113)

Suborder: SPIROTRICHONYMPHINA [flagellar bands spiral around body]

Family: HOLOMASTIGOTOIDIDAE

Holomastigotoides hemigymnum Grassi, 1917

ART *Coptotermes lacteus* (Froggatt, 1898) [milk termite]; hindgut; RU (1367, 1435)

Holomastigotoides mirabile Grassi, 1917

ART *Coptotermes acinaciformis* (Froggatt, 1898) [subterranean termite]; gut; RU (1113, 1326)

ART *Coptotermes frenchi* Hill, 1932 [termite]; gut; RU (1113)

Spirotrichonymphella pudibunda Grassi, 1917

ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; RU, R2 (1113, 1326, 1367, 1435, 1490, 1497)

Family: SPIROTRICHONYMPHIDAE

Leptospironympha acuta Cleveland & Day, 1958

ART *Stolotermes* sp. [termite]; gut; R1 (1365)

Leptospironympha ampla Cleveland & Day, 1958

ART *Stolotermes brunneicornis* (Hagen, 1858) [termite]; gut; R2, R3 (1365)

Leptospironympha gigantea Cleveland & Day, 1958

ART *Stolotermes queenslandicus* Mjoberg, 1920 [termite]; gut; R1 (1365)

Leptospironympha minor Cleveland & Day, 1958

ART *Stolotermes brunneicornis* (Hagen, 1858) [termite]; gut; R2, R3 (1365)

ART *Stolotermes* sp. [termite]; gut; R1 (1365)

ART *Stolotermes victoriensis* Hill, 1921 [termite]; gut; R4 (1365)

Leptospiromyxa numida Cleveland & Day, 1958

- ART *Stolotermes brunneicornis* (Hagen, 1858) [termite]; gut; R2, R3 (1365)
 ART *Stolotermes* sp. [termite]; gut; R1 (1365)
 ART *Stolotermes victoriensis* Hill, 1921 [termite]; gut; R4 (1365)

Leptospiromyxa obtusa (Sutherland, 1933) Cleveland & Day, 1958 [syn. *Spirotrichosoma obtusa*]

- ART *Stolotermes victoriensis* Hill, 1921 [termite]; gut; R4 (1365)

Spirotrichonympha elongata Grassi, 1917

- ART *Schedorhinotermes intermedius* (Brauer) [termite]; gut; RU (1326, 1367, 1435)

Spirotrichonympha flagellata Grassi, 1917

- ART *Coptotermes acinaciformis* (Froggatt, 1898) [subterranean termite]; gut; RU (1113, 1326)
 ART *Coptotermes frenchi* Hill, 1932 [termite]; gut; RU (1113)
 ART *Coptotermes lacteus* (Froggatt, 1898) [milk termite]; gut; RU (1367)
 ART *Schedorhinotermes intermedius* (Brauer) [termite]; gut; RU (1326, 1367, 1435)
 ART *Heterotermes ferox* (Froggatt) [termite]; gut; RU (1326)

Spirotrichonympha grandis Sutherland, 1933

- ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; RU, R2 (1113, 1326, 1490)

Spirotrichonympha mirabilis Grassi, 1917

- ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; RU, R2 (1113, 1326, 1435, 1490, 1497)

Unspecified flagellates

- ART *Coptotermes lacteus* Froggatt [milk termite]; gut; RU (1367)
 ART *Cryptotermes primus* (Hill, 1921) [termite]; gut; RU (1367)
 ART *Glyptotermes nigrolabrum* Hill [termite]; gut; RU (1367)
 ART *Kalotermes hilli* Emerson, in Snyder, 1949 [syn. *Kalotermes obscurus*, *Calotermes obscures*, *Proglyptotermes hilli*] [termite]; gut; RU (1367)
 ART *Glyptotermes brevicornis* Froggatt, 1897 [syn. *Calotermes brevicornis*, *Glyptotermes nigrolabrum* Hill, *Glyptotermes dubius* Mjoberg, *Glyptotermes perangustus* Hill, *Calotermes nigrolabrum*, *Kalotermes nigrolabrum*, *Calotermes trilineatus*] [termite]; gut; RU (1367)
 ART *Heterotermes platycephalus* Froggatt, 1897 [termite] [syn. *Leucotermes clarki*]; gut; RU (1367)
 ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; gut; RU (1367)
 ART *Neotermes insularis* White [termite]; gut; RU (1367)
 ART *Parrhinotermes queenslandicus* Mjoberg, 1920 [termite] [syn. *P. australicus*]; gut; RU (1367)
 ART *Porotermes adamsoni* (Froggatt, 1897) [termite]; gut; RU (1367)
 ART *Stolotermes victoriensis* Hill [termite]; gut; RU (1367)
 ART *Schedorhinotermes breinli* (Hill, 1921)[incorrectly recorded as *Rhinotermes breinli*] [termite]; gut; RU (1367)

Subphylum: OPALINATA [opalinids, paraflagellates, multinucleate]

Class: OPALINATEA [numerous undulipodia in oblique rows over body]

Order: OPALINIDA [endozoic in amphibians, some in fish]

Family: OPALINIDAE

***Opalina intestinalis* Raff, 1911**

AMP *Hyperolia marmorata* Keferstin, 1867 [smooth toadlet]; intestines; R2 (979)

***Opalina tenuis* Raff, 1911**

AMP *Hyperolia marmorata* Keferstin, 1867 [smooth toadlet]; intestines; R2 (979)

***Opalina* sp.**

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestine; R2 (209)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; R2 (209)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; rectum, intestines; R2 (209, 212, 491)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; R1, R2 (209, 212, 581)

AMP *Litoria dorsalis* Macleay, 1877 [dwarf rocket frog]; intestines; R2 (212)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; R2 (212)

***Protoopalina acuta* (Raff, 1911) Metcalf, 1923; syn. *Opalina acuta* Raff, 1911**

AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (275, 279)

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; R2 (768, 979)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (279)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)

AMP *Litoria inermis* (Peters, 1867) [floodplain frog]; intestines; RU (275, 279)

AMP *Litoria latopalmata* Gunther, 1867 [broad-palmed frog]; intestines; RU (275, 279)

AMP *Litoria nasuta* (Gray, 1842) [rocket frog]; intestines; RU (275, 279)

AMP *Litoria pallida* Davis *et al.*, 1983 [pale frog]; intestines; RU (275, 279)

AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (275, 279)

AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; 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 [Nyakala frog]; intestines; R1 (275, 279)

AMP *Litoria rheocola* Liem, 1974 [creek frog]; intestines; RU (275, 279)

AMP *Litoria tyleri* Martin *et al.*, 1979 [Tyler's tree frog]; 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 [New Holland frog]; intestines; RU (275, 279)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)

AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (275, 279)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)

AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)

AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (275, 279)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; RU (275, 279, 768)

AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines; RU (275, 279)

- AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (275, 279)
- AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (275, 279)
- AMP *Litoria dahlii* (Boulenger, 1896) [Dahl's aquatic 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 gracilentata* (Peters, 1869) [dainty green tree frog]; intestines; RU (275, 279)
- AMP *Litoria inermis* (Peters, 1867) [floodplain frog]; intestines; RU (275, 279, 943)
- AMP *Litoria latopalmata* Gunther, 1867 [broad-palmed frog]; 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 nigrofrentata* (Gunther, 1867) [bridled frog]; intestines; RU (275, 279)
- AMP *Litoria nyakalensis* Liem, 1974 [Nyakala frog]; intestines; R1 (275, 279)
- AMP *Litoria pallida* Davis *et al.*, 1983 [pale frog]; intestines; RU (275, 279)
- AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275, 279)
- AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (275, 279)
- AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279, 943)
- AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; intestines; RU (275, 279)
- AMP *Litoria tyleri* Martin *et al.*, 1979 [Tyler's tree frog]; 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 [smooth toadlet]; intestines; RU (275, 279)
- AMP *Xenopus laevis* (Daudin, 1803) [African clawed frog]; intestines (exptl. infection), RU (275)

***Protoopalina bibronii* Metcalf, 1940**

- AMP *Pseudophryne bibronii* Gunther, 1858 [brown toadlet]; intestines; R2, R5 (275, 279, 769)
- AMP *Pseudophryne coriacea* Keferstein, 1868 [red-backed toadlet]; intestines; RU (275, 279)

***Protoopalina dorsalis* (Raff, 1912) Metcalf, 1923; syn. *P. peronii* Metcalf, 1923; syn. *Opalina dorsalis* Raff, 1912**

- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; R2, R6 (275, 279, 768, 769, 979)
- AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)
- AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279, 768)

***Protoopalina hylarum* (Raff, 1911) Metcalf, 1923**

- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; RU, R1, R9 (275, 277, 279, 1087)
- AMP *Cyclorana brevipes* (Peters, 1871) [short-footed frog]; intestines; RU (275, 279)
- AMP *Cyclorana novaehollandiae* Steindachner, 1867 [New Holland frog]; 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) [floodplain frog]; intestines; RU (275, 279)

- AMP *Litoria latopalmata* Gunther, 1867 [broad-palmed frog]; 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 nigrofrenta* (Gunther, 1867) [bridled frog]; intestines; RU (275, 279)
 AMP *Litoria pallida* Davis *et al.*, 1983 [pale frog]; intestines; RU (275, 279)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275, 279)
 AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog]; intestines; RU (275, 279)
 AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (275, 279)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279)
 AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; intestines; RU (275, 279)
 AMP *Neobatrachus centralis* (Parker, 1940) [trilling frog]; intestines; RU (275, 279)
 AMP *Neobatrachus pictus* Peters, 1863 [painted burrowing frog]; intestines; RU (275, 279)

Protoopalina jonesi Delvinquier, 1987

- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (275, 279)
 AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)
 AMP *Limnodynastes salmini* Steindachner, 1867 [salmon-striped frog]; intestines; RU (275, 279)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279)
 AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (275, 279)
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275, 279)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279)
 AMP *Neobatrachus pelobatoides* (Werner, 1914) [humming frog]; intestines; RU (275, 279)
 AMP *Pseudophryne bibronii* Gunther, 1858 [brown toadlet]; intestines; RU (275, 279)

Protoopalina papuensis Metcalf, 1923

- AMP *Litoria infrafronata* (Gunther, 1867) [giant tree frog]; intestines; RU (275, 279)

Protoopalina polykineta Grim & Clements, 1996

- ACT *Acanthurus nigrofuscus* Forsskal, 1775 [dusky surgeonfish, brown 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) [Roth's tree frog]; intestines; RU (275, 279)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (275, 279)

Protoopalina raffae Delvinquier, 1987; syn. *Opalina intestinalis* Raff, 1911

- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; RU (275, 277, 279, 1087)
 AMP *Cyclorana novaehollandiae* Steindachner, 1867 [New Holland frog]; 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) [floodplain frog]; intestines; RU (275, 279)
 AMP *Litoria latopalmata* Gunther, 1867 [broad-palmed frog]; 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 [pale frog]; intestines; RU (275, 279)
 AMP *Litoria pearsoniana* (Copland, 1961) [Pearson's tree frog]; intestines; RU (275, 279)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (275)
 AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog]; intestines; RU (275, 279)
 AMP *Litoria rheocola* Liem, 1974 [creek frog]; intestines; RU (275, 279)
 AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (275, 279)
 AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; intestines; RU (275, 279)
 AMP *Litoria tyleri* Martin *et al.*, 1979 [Tyler's tree frog]; intestines; RU (275)
 AMP *Uperoleia marmorata* Gray, 1841 [marbled toadlet]; intestines; R8 (275, 279)

Protoopalina singeri Delvinquier, 1987

- AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (275, 279)

Protoopalina tenuis (Raff, 1911) Metcalf, 1923; syn. *Opalina tenuis* Raff, 1911

- AMP *Crinia signifera* (Girard, 1853) [eastern common froglet]; intestines; R2 (768, 979)
 AMP *Ranidella bilingua* (Martin *et al.*, 1980) [bilingual froglet]; intestines; RU (275, 279)
 AMP *Ranidella parinsignifera* (Main, 1957) [eastern sign-bearing froglet]; intestines; RU (275, 279)
 AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (275, 279)
 AMP *Ranidella tasmaniensis* (Gunther, 1864) [Tasmanian froglet]; intestines; R3 (275, 279)
 AMP *Uperoleia marmorata* Gray, 1841 [marbled toadlet]; 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) [Verreaux's tree frog]; intestines; RU (275)

Protoopalina waterloti Delvinquier, 1987

- AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (275, 279)

Protoopalina sp.

- ACT *Acanthurus nigrofuscus* Forsskal, 1775 [dusky surgeonfish, brown surgeonfish]; NR; 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) [Verreaux's tree frog]; 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, 1837)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestines (exptl. infection in tadpole); R1 (278)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; intestines (exptl. infection in tadpoles); R1 (278)
 AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines (exptl. infection in tadpoles); R1 (278)
 AMP *Xenopus laevis* (Daudin, 1803) [African clawed frog]; intestines (exptl. infection), RU (278)

Zelleriella binucleata (Raff, 1911) Metcalf, 1923; syn. *Opalina binucleata* Raff, 1911

- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines; RU (275, 768, 978)
 AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279, 978)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279, 768, 978)

Zelleriella camusi Delvinqvier, 1987

- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (275, 279, 1385)

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, 1385)
 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* sp.**

- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (277, 384, 1087)
 AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (275, 279)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestine; RU (275, 279)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines (tadpoles); RU (275, 279)

Subphylum: SARCODINA [amoebae]

Superclass: RHIZOPODEA [rhizopod amoebae]

Class: LOBOSEA [amoebae with lobopodia, no flagellated stages]
 Subclass: GYMNAMEOBIA [naked amoebae, without test or tectum]
 Order: AMOEBIDA [trophozoites cylindrical, no subpseudopodia]
 Suborder: THECINA [partly flattened body with ridged pellicular layer]
 Family: THECAMOEBIDAE

***Thecamoeba* sp.**

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

Suborder: TUBULINA [cylindrical body, granular pseudopods]

Family: AMOEBIDAE

***Amoeba* sp.**

AMP *Litoria caerulea* (White, 1790) [green tree frog]; gut; R1 (581)

MAM *Homo sapiens* Linnaeus, 1758 [human], gut; RU (692, 876)

Malameba locustae (King & Taylor, 1936) Henry, 1968; syn. *Malpighamoeba locustae* King & Taylor, 1936

ART *Austroicetes cruciata* Saussure, 1888 [small plague grasshopper]; Malpighian tubules; R5 (269)

ART *Chortoicetes terminifera* (Walker, 1870) [plague locust]; Malpighian tubules; R5 (269)

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

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

Family: ENTAMOEBIDAE

Dientamoeba fragilis Jepps & Dobell, 1918

MAM *Homo sapiens* Linnaeus, 1758 [human], gut, faeces (+ PCR); RU, R1, R2 (65, 130, 692, 1217, 1656, 1770, 1893, 1894, 1895, 1896, 1897, 1898, 1899)

MAM *Mus musculus* Linnaeus, 1758 [house mouse], gut, faeces (exptl. infection), R2 (1915)

MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat], gut, faeces (exptl. infection), R2 (1915)

***Endamoeba* sp.**

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

Endolimax nana (Wenyon & O'Connor, 1917) Brug, 1918

MAM *Homo sapiens* Linnaeus, 1758 [human], colon, faeces; RU, R1, R2, R3 (65, 405, 692, 1217, 1770, 1898, 1899)

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, R6, R8 (65, 405, 567, 570, 692, 741, 763, 1217, 1244, 1520, 1625, 1770, 1839, 1898, 1899)

Entamoeba dispar Brumpt, 1925

MAM *Homo sapiens* Linnaeus, 1758 [human]; faeces (+ PCR); R1, R2 (1418, 1899)

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; R1, R2, R8 (763, 1217, 1770, 1899)

Entamoeba histolytica Schaudinn, 1903

MAM *Homo sapiens* Linnaeus, 1758 [human], gut, liver, faeces (+ PCR); RU, R1, R2, R3, R6, R8, R9 (65, 80, 132, 194, 240, 359, 405, 518, 562, 567, 570, 573, 581, 692, 1139, 1209, 1217, 1244, 1354, 1404, 1418, 1437, 1519, 1520, 1619, 1703, 1770, 1835, 1899)

MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; stomach; captive (USA) (1657)

Entamoeba morula Raff, 1911

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; intestines (tadpoles); RU (979)

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

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines (adults + tadpoles); RU, R2 (979)

AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog]; intestines; R2 (979)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; RU (979)

Entamoeba moshkovskii Tshalaia, 1941

MAM *Homo sapiens* Linnaeus, 1758 [human]; faeces (+ PCR); R1, R2 (1418, 1899)

Entamoeba muris (Grassi, 1879)

MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut; RU (284, 692)

MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; gut; RU (692)

Entamoeba polecki Prowazek, 1912

MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut; RU (692)

***Entamoeba* sp.**

MAM *Isodon 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 *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R6 (1837, 1864)

MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; intestines; RU, R1 (692, 1696)

REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; faeces; R1 (899, 1790)

Iodamoeba butschlii (Prowazek, 1911) Dobell, 1919

MAM *Homo sapiens* Linnaeus, 1758 [human], gut, faeces; RU, R1, R2, R3 (65, 283, 405, 692, 728, 1217, 1244, 1770, 1899)

Family: HARTMANELLIDAE

Hyalodaktylethra renacuajo (Frenzel, 1892) Delvinquier & Freeland, 1988; syn. *Saccamoeba renacuajo* Frenzel, 1892

AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; cloaca (adults and tadpoles); R1, R9 (277, 1087, 1837)

***Saccamoeba* sp.**

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

Family: VAHLKAMPFIIDAE

***Naegleria australiensis* DeJonckheere, 1981**

MAM *Mus musculus* Linnaeus, 1758 [house mouse]; brain (exptl. infection); RU (272)

***Naegleria fowleri* Carter, 1970**

MAM *Homo sapiens* Linnaeus, 1758 [human], brain, cerebrospinal fluid; R1, R5, R6 (1, 9, 180, 181, 182, 351, 354, 356, 381, 425, 524, 532, 1637, 1638)

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, 1638)

Suborder: CONOPODINA [triangular body with clear pseudopodia]

Family: PARAMOEBIDAE

***Neoparamoeba branchiphila* Dykova et al., 2005**

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills; R3 (1402, 1718)

***Neoparamoeba pemaquidensis* (Page, 1970) syn. *Paramoeba pemaquidensis* Page, 1970**

ACT *Hippocampus abdominalis* Lesson, 1827 [big-belly seahorse]; gills (exptl.); R3 (1388)

ACT *Oncorhynchus mykiss* (Walbaum, 1792) [rainbow trout]; gills; R3 (1571)

ACT *Rhombosolea tapirina* Günther, 1862 [greenback flounder]; gills (exptl.); R3 (1388)

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills (+ exptl.)(+ PCR); RU, R3 (670, 1282, 1322, 1362, 1388, 1389, 1390, 1391, 1392, 1402, 1592, 1604, 1605, 1606, 1626, 1697, 1713, 1718)

ACT *Thyrsites atun* (Euphrasen, 1791) [barracouta] syn. *Scomber atun*, *Leionura atun*; gills; R3 (1571)

***Neoparamoeba perurans* Young et al., 2007**

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills, culture (+ PCR) (+ exptil infection); R3 (1718, 1885)

***Neoparamoeba* sp.**

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills, antibodies (ELISA); R3 (1275, 1276, 1277, 1283, 1284, 1439, 1440, 1491, 1567, 1575)

***Paramoeba* sp.**

ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; gills; R3 (627, 628, 634, 855, 857)

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; gills; R3, R15 (4, 365, 627, 628, 634, 852, 855, 857, 858, 1022, 1328, 1363, 1412, 1413, 1573, 1720, 1721)

Suborder: ACANTHOPODINA [trophozoites flattened, prominent subpseudopodia]

Family: ACANTHAMOEBIDAE

***Acanthamoeba lenticulata* Molet & Ermolieff-Braun, 1976**

MAM *Homo sapiens* Linnaeus, 1758 [human]; eye; RU (1416)

***Acanthamoeba* sp.**

MAM *Homo sapiens* Linnaeus, 1758 [human]; eye, brain; R5, R6 (44, 183, 532, 1028, 1416, 1424)

MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; brain; R1 (874)

MAM *Mus musculus* Linnaeus, 1758 [house mouse]; NR; R5 (556)

MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; cornea; R5 (44)

Order: LEPTOMYXIDA [trophozoites flattened, no anterior subpseudopodia]

Family: LEPTOMYXIDAE

***Balamuthia mandrillaris* Visvesvara *et al.*, 1993**

MAM *Homo sapiens* Linnaeus, 1758 [man]; brain, RU (1637)

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) [tammar wallaby]; NR; RU (826, 851)

MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach, oesophagus; RU (826, 851, 906)

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; glandular stomach; RU (825, 826, 851, 874)

MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; stomach, oesophagus; RU (906)

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

Phylum: APICOMPLEXA [apicomplexans, with apical complex, all parasitic]

Class: GREGARINOMORPHEA [GREGARINIA] [gregarines, large gamonts with specialized attachment apparatus (epimerite or mucron), syzygy]

Order: NEOGREGARINIDA [merogony present usually in tissues of insects]

Family: LIPOTROPHIDAE

***Mattesia* sp.**

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

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

Order: EUGREGARINIDA [trophonts extracellular, pairing and encystment of gamonts]

Family: LECUDINIDAE

***Monocystella epibatis* Cannon & Jennings, 1988**

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

Family: MONOCYSTIDAE

***Oligochaetocystis* sp**

ANN Unidentified tubificid worms; coelum; R13 (1448)

Family: POROSPORIDAE

***Nematopsis* sp.**

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

MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster]; NR; R25 (1719)

Unidentified gregarines

ART *Coptotermes acinaciformis* (Froggatt, 1898) [subterranean termite]; coelum; R1 (507)

ART *Myrmecia pilosula* (Smith, 1858) [ant]; body cavity; R2, R4 (237)

ART *Requena verticalis* Walker, 1869 [bush cricket]; gut (+ exptl. infection); R6 (1640)

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

MOL *Pinctada maxima* (Jameson, 1901) [pearl oyster]; NR; R25 (1719)

Subclass: CRYPTOGREGARIA [epicellular parasites of vertebrates with feeder organelle but lacking apicoplast]

Family: CRYPTOSPORIDIIDAE [oocysts with 4 naked sporozoites, mucosal parasites in vertebrates]

***Cryptosporidium andersoni* Lindsay *et al.*, 2000**

MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces (+ PCR); RU (1856, 1857)

MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (+ PCR); R6 (1634)

MAM *Mus musculus* Linnaeus, 1758 [house mouse] syn. *M. domesticus*; faeces (+ PCR); R6 (1654)

***Cryptosporidium agni* Barker & Carbonell, 1974**

MAM *Ovis aries* Linnaeus, 1758 [sheep]; small intestines; R2 (53, 167)

***Cryptosporidium baileyi* Current *et al.*, 1986**

AVE *Synoicus australis* (Latham, 1801) [brown quail] syn. *Coturnix australis* (Latham, 1801); NR (PCR); R2 (1560, 1852, 1856)

***Cryptosporidium 'blagburni'* n.n. Morgan *et al.*, 2001 [= *C. galli* Pavlasek, 1999]**

AVE *Erythrura gouldiae* (Gould, 1844) [Gouldian finch] syn. *Chloebia gouldiae*; proventriculus; R2 (1560)

AVE *Neochmia modesta* (Gould, 1837) [plum-headed finch] syn. *Aidemosyne modesta*; proventriculus (+ PCR); R1 (1560)

AVE *Pytilia hypogrammica* Sharp, 1870 [red-faced Auroora finch]; proventriculus; R2 (1560)

***Cryptosporidium bovis* Barker & Carbonell, 1974**

MAM *Bos taurus* Linnaeus, 1758 [ox]; small intestines, faeces (PCR); R2, R6 (53, 167, 1729, 1752, 1772)

MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (+ PCR); R6 (1779)

***Cryptosporidium canis* Fayer *et al.*, 2001**

MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces (+PCR); RU (1858)

***Cryptosporidium cuniculus* Inman & Takeuchi, 1979**

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces (PCR); R2 (1873)

***Cryptosporidium fayeri* Ryan et al., 2008**

- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces (+ PCR); R2, R4 (1918)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces (+ PCR); R6 (1830)
- MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; faeces (+ PCR); R6 (1830)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces (+ PCR); R6 (1830)
- MAM *Petrogale xanthopus* Gray, 1855 [yellow-footed rock-wallaby]; faeces (+ PCR); R6 (1830)
- MAM *Perameles bougainville* Quoy & Gaimard, 1824 [western barred bandicoot]; faeces (+ PCR); R6 (1830)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (+ PCR); RU (1830)

***Cryptosporidium felis* Iseki, 1979**

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces (+ PCR); R6 (1558, 1559, 1752, 1850, 1852, 1856)

***Cryptosporidium galli* Pavlasek, 1999**

- AVE *Emblema picta* Gould, 1842 [painted firetail, painted finch]; faeces (PCR); R6 (1733)
- AVE *Lonchura castaneothorax* (Gould, 1837) [chestnut-breasted munia]; faeces (PCR); R6 (1733)
- AVE *Neophema pulchella* (Shaw, 1792) [turquoise parrot]; faeces (PCR); R6 (1733)
- AVE *Poephila cincta* (Gould, 1836) [black-throated finch]; faeces (PCR); R6 (1733)
- AVE *Serinus canaria* Linnaeus, 1758 [canary]; faeces (PCR); R6 (1733)
- AVE *Taeniopygia guttata* (Gould, 1837) [zebra finch]; faeces (PCR); R6 (1733)

***Cryptosporidium hominis* Morgan-Ryan et al., 2002**

- AVE Unidentified bird species; faeces (PCR); R6 (1729)
- MAM *Homo sapiens* Linnaeus, 1758 [man]; faeces (+ PCR); RU, R2, R5, R6 (1359, 1473, 1727, 1752, 1753, 1754, 1756, 1766, 1772, 1784, 1785, 1836, 1840, 1855, 1859, 1860, 1874, 1876)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (+ PCR); R6 (1634)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces (+ PCR); R2, R4 (1918)

***Cryptosporidium macropodum* Power & Ryan, 2008**

- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces (+ IMS, + PCR); R2 (1826)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces (+ IMS, + PCR); R2 (1826)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces (+ IMS, + PCR); R2 (1826)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces (+ PCR); R2, R4 (1918)
- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; faeces (+ IMS, + PCR); R2 (1826)

***Cryptosporidium meleagridis* Slavin, 1955**

- AVE *Psittacula krameri* (Scopoli, 1769) [rose-ringed parakeet, Indian ring-necked parrot]; intestines (+ PCR); R2 (1565, 1743)
- MAM *Homo sapiens* Linnaeus, 1758 [man]; faeces (+ PCR); RU, R2, R6 (1754, 1784, 1840)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces (+ PCR); R2, R4 (1918)

***Cryptosporidium molnari* Alvarez-Pellitero & Sitja-Bobadilla, 2002**

- ACT *Poecilia reticulata* Peters, 1860 [guppy]; stomach (+ PCR); RU (aquarium) (1632)

***Cryptosporidium muris* Tyzzer, 1907**

- MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces (+ PCR); RU (1852)

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (1085)
 MAM *Macrotis lagotis* (Reid, 1837) [bilby]; faeces (+ PCR); R6 (1699)
 MAM *Mus musculus* Linnaeus, 1758 [house mouse]; gut, faeces (+ PCR); RU, R6 (284, 692, 1699)
 REP *Oxyuranus scutellatus* (Peters, 1867) [taipan]; faeces (+ PCR); R5 (1846)
 REP *Pseudechis australis* (Gray, 1842) [mulga or king brown snake]; faeces (+ PCR); R6 (1562)

***Cryptosporidium parvum* Tyzzer, 1912**

- ACT *Sillago vittata* McKay, 1985 [western school whiting]; gut scraping (+ PCR); R6 (1841)
 MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces (culture) (PCR); R2, R5, R6 (765, 796, 797, 798, 799, 1239, 1295, 1458, 1473, 1492, 1555, 1562, 1629, 1685, 1729, 1750, 1756, 1765, 1768, 1772, 1785, 1825, 1846, 1852, 1854, 1858, 1875)
 MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces (+PCR); RU (1563)
 MAM *Dugong dugon* (Müller, 1776) [dugong]; small intestine (PCR); R21 (1564)
 MAM *Homo sapiens* Linnaeus, 1758 [human], faeces (+ PCR), antibodies; RU, R2, R5, R6, R8 (184, 765, 796, 797, 798, 799, 1239, 1359, 1409, 1419, 1473, 1492, 1511, 1559, 1562, 1563, 1629, 1651, 1732, 1752, 1753, 1754, 1756, 1766, 1768, 1772, 1778, 1784, 1785, 1809, 1834, 1836, 1840, 1846, 1854, 1856, 1858, 1859, 1874, 1876)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces (+PCR); RU (1850, 1852, 1853)
 MAM *Mus musculus* Linnaeus, 1758 [house mouse]; faeces, gut (+ PCR) (exptl. infection); R2, R6 (765, 1559, 1561, 1562, 1563, 1699, 1837, 1846, 1857, 1862)
 MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (PCR); R2, R6 (1765, 1779)
 MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces (+ PCR); R2, R4 (1918)
 MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; faeces; R5, R6 (798, 1559, 1563, 1852)
 MAM *Myotis adversus* (Horsfield, 1824) [large-footed mouse-eared bat] (mispelt *Myotis*); faeces, intestines (+ PCR); R2 (1561)
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces (+PCR); RU (1850, 1852)
 REP *Aspidites ramsayi* (Macleay, 1882) [woma]; faeces (+ PCR); R6 (1562)
 REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; faeces (+ PCR); R6 (1562)

***Cryptosporidium serpentis* Levine, 1980**

- REP *Acanthophis antarticus* (Shaw & Nodder, 1802) [common death adder]; faeces (+ PCR); R5 (1562, 1851)
 REP *Notechis scutatus* (Peters, 1861) [eastern or mainland tiger snake]; faeces (+ PCR); R2, R5 (1562)
 REP *Oxyuranus scutellatus* (Peters, 1867) [taipan]; faeces (+ PCR); R5 (1562, 1716)

***Cryptosporidium suis* Ryan et al., 2004**

- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (+ PCR); R6 (1634)
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces (+ PCR); R2, R6 (1736, 1752, 1765, 1824)

***Cryptosporidium ubiquitum* Fayer et al., 2010**

- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces (+ PCR); R2, R4 (1918)

***Cryptosporidium varanii* Pavlasek et al., 1995 syn. *C. saurophilum* Koudela & Modry, 1998**

- REP *Amphibolurus vitticeps* Ahl, 1926 [inland bearded dragon] syn. *Pogona vitticeps*; faeces (PCR); zoo (USA) (1716, 1829)

***Cryptosporidium xiaoi* Fayer & Santin, 2009**

- ACT *Sillago vittata* McKay, 1985 [western school whiting]; gut scraping (+ PCR); R6 (1841)

***Cryptosporidium* sp.**

- ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; intestines; R1 (144, 349, 400, 919, 1207)
- ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; gut scraping (+ PCR); R6 (1841)
- ACT *Pterophyllum* sp.; gut; RU (aquarium) (627, 628, 634, 858)
- ACT *Sillago vittata* McKay, 1985 [western school whiting]; gut scraping (+ PCR); R6 (1841)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; faeces; R5 (896, 898, 1790)
- AVE *Anas platyrhynchos* Linnaeus, 1758 [mallard]; trachea, nasal cavity, bursa, conjunctiva; R3, R5 (801, 889, 896, 898, 1534)
- AVE *Anas rubripes* (Brewster, 1902) [American black duck]; NR; R6 (1334)
- AVE *Anas superciliosa* Gmelin, 1789 [Pacific black duck]; intestines (PCR); R2 (1560, 1790)
- AVE *Aratinga solstitialis* (Linnaeus, 1758) [sun conure, sun parakeet]; faeces (PCR); R6 (1733)
- 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 *Cacatua leadbeateri* (Vigors, 1831) [pink cockatoo, Major Mitchell cockatoo, Leadbeater's cockatoo]; faeces (PCR); R6 (1334, 1733)
- AVE *Cacatua roseicapilla* (Vieillot, 1817) [galah] syn. *Eolophus roseicapilla*; faeces (PCR); R6 (1334, 1733)
- AVE *Calyptorhynchus magnificus* (Shaw, 1790) [red-tailed black cockatoo]; NR; RU (1790)
- AVE *Coturnix australis* (Latham, 1801) [brown quail]; NR; RU (1790)
- AVE *Coturnix chinensis* (Linnaeus, 1766) [king quail]; NR; RU (1790)
- AVE *Coturnix coturnix* Linnaeus, 1758 [common quail]; trachea, nasal cavity, bursa; R2, R5 (167, 673, 801, 889, 989, 1138)
- AVE *Eclectus roratus* (Muller, 1776) [eclectus parrot]; faeces (PCR); R6 (1334, 1733)
- AVE *Emblema bella* (Latham, 1801) [beautiful firetail]; proventriculus; aviary (USA) (94, 1790)
- AVE *Erythrura gouldiae* (Gould, 1844) [Gouldian finch]; NR; RU (1790)
- 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, overseas (USA) (349, 885, 889, 896, 898, 1433, 1790)
- AVE *Neochmia modesta* (Gould, 1837) [plum-headed finch]; trachea; R1 (899, 1790)
- AVE *Neophema petrophila* (Gould, 1840) [rock parrot]; NR; RU (1790)
- AVE *Nymphicus hollandicus* (Kerr, 1792) [cockateil]; intestines, kidney, faeces (+ PCR); RU, R6, overseas (USA, Korea) (1334, 1433, 1512, 1524, 1733, 1790)
- 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)
- AVE *Poephila cincta* (Gould, 1836) [black-throated finch]; kidney; zoo (USA) (1421, 1790)
- AVE *Polytelis alexandrae* Gould, 1863 [Alexandra's parrot]; faeces (PCR); R6 (1733)
- AVE *Psittacula eupatria* (Linnaeus, 1766) [Alexandrine parakeet]; faeces (PCR); R6 (1733)
- AVE *Serinus canaria* Linnaeus, 1758 [canary]; faeces (PCR); R6 (1334, 1733)
- MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; small intestine; R2 (55, 349, 1790)
- MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces (+ IMS), small intestines (+ PCR); RU, R2, R5 (529, 889, 1173, 1176, 1177, 1178, 1557, 1558, 1764, 1789, 1845)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces (+PCR)(+ IMS); R1, R2, R3, R6 (184, 593, 780, 1386, 1566, 1764)
- MAM *Canis familiaris dingo* Linnaeus, 1758 (= *Canis lupus dingo*)[dingo]; NR; RU (1790)
- MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces, small intestines (+ PCR); R5 (167, 349, 554, 676, 677, 678, 734, 1174, 1239, 1558, 1846)
- MAM *Cervus unicolor* Kerr, 1792 [sambar]; faeces (+ PCR); R2 (1771)

- MAM *Dugong dugon* (Müller, 1776) [dugong]; small intestine; R21 (478, 1790)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces (+ IMS); RU, R2 (167, 349, 1177, 1764)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces (+ PCR)(+ IMS); R2, R5, R6, R26 (1036, 1541, 1747, 1764, 1834, 1837, 1847, 1863)
- MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, intestines, bile (+ PCR), antibodies (ELISA); RU, R1, R2, R3, R5, R6, R8, R10 (37, 80, 167, 239, 349, 358, 426, 466, 470, 675, 677, 678, 740, 889, 935, 1102, 1175, 1177, 1178, 1179, 1180, 1183, 1225, 1387, 1404, 1410, 1411, 1442, 1457, 1557, 1558, 1627, 1694, 1728, 1760, 1761, 1762, 1767, 1770, 1812, 1831, 1835, 1845, 1849, 1898, 1899)
- MAM *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot]; intestines; R5 (349, 898, 1563, 1790)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces (+ IMS)(+ PCR); R2 (1607, 1608, 1609, 1742, 1764, 1790)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; intestines, faeces (+ PCR); R5 (349, 898, 1563, 1790, 1856)
- MAM *Macrotis lagotis* (Reid, 1837) [bilby]; NR; RU (1790)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; small intestine, faeces (+ exptl.) (+ PCR); RU, R1, R5, R6 (167, 889, 1177, 1557, 1558, 1769)
- MAM *Odocoileus virginianus* (Zimmermann, 1780) [white-tailed deer]; faeces (IMS); R2 (1764)
- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces (IMS); R2 (1764, 1837)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces (+ IMS) (+ PCR)(+ exptl. infection); RU, R5, R6 (349, 889, 1177, 1634, 1764, 1779, 1789)
- MAM *Petrogale xanthopus* Gray, 1855 [yellow-footed rock-wallaby]; faeces; R2 (1607)
- MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; intestines (+ PCR); R5 (349, 898, 1558, 1790, 1856)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; small intestine, faeces (+ PCR)(+ IMS); RU, R2, R5, R6 (167, 349, 668, 889, 1173, 1177, 1178, 1557, 1558, 1563, 1635, 1729, 1764, 1824, 1837, 1846, 1856, 1864)
- MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; intestines; R5 (349, 898, 1790)
- MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; intestines; R5 (349, 898, 1563, 1790)
- MAM *Thylogale thetis* (Lesson, 1827) [red-necked pademelon]; faeces; R2 (1607)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; faeces (+ IMS); R2 (1607, 1764)
- MAM Unidentified kangaroo species; faeces (PCR); R6 (1729)
- MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; NR; RU (1790)
- REP *Acanthophis antarticus* (Shaw & Nodder, 1802) [common death adder]; faeces; R1, R5 (796, 896, 898, 899, 1790)
- REP *Aspidites ramsayi* (Macleay, 1882) [woma]; faeces; R5, R6 (896, 898, 1790, 1846)
- 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, 1790)
- REP *Chlamydosaurus kingii* Gray, 1825 [frilled lizard]; stomach; R8 (1584)
- REP *Elaphe guttata* (Linnaeus, 1766) [corn snake]; faeces; R2, zoo (Aust.) (125, 1207)
- REP *Elaphe obsoleta* (Say, 1823) [rat snake]; faeces; R2, zoo (Aust.) (125, 1207)
- REP *Heloderma suspectum* (Cope, 1869) [Gila monster]; faeces; R5, zoo (Aust.) (896, 898)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; faeces; R5 (896, 898, 1790)
- REP *Notechis ater* (Krefft, 1866) [black tiger snake]; stomach, faeces; R2, zoo (Aust.) (177, 896, 898, 1790)
- REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; stomach, faeces; R2, zoo (Aust.) (177,

1790)

- REP *Oxyuranus microlepidotus* (McCoy, 1879) [inland taipan]; faeces; R5 (896, 898, 1790)
 REP *Oxyuranus scutellatus* (Peters, 1867) [taipan]; faeces; R5, zoo (Aust.) (125, 796, 1207, 1790)
 REP *Pseudechis australis* (Gray, 1842) [king brown snake, mulga]; faeces; R5 (898, 1790)
 REP *Pseudechis guttatus* De Vis, 1905 [spotted black snake]; faeces; R5 (896, 898, 1790)
 REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; faeces, stomach; R2, R5 (743, 746, 1207, 1790)
 REP *Pseudonaja affinis* Gunther, 1872 [dugite]; faeces; R5 (896, 898, 1790)
 REP *Pseudonaja nuchalis* Gunther, 1858 [western brown snake]; faeces; R5 (896, 898, 1790)
 REP *Pseudonaja textilis* (Dumeril *et al.*, 1854) [eastern brown snake]; faeces, R5 (896, 898)
 REP *Tropidechis carninatus* (Krefft, 1863) [rough-scaled snake]; faeces; R5 (898, 1790)
 REP *Varanus giganteus* (Gray, 1845) [perentie]; faeces; R5 (898, 1790)

Class: COCCIDIOMORPHEA [CONOIDASIDA] [with conoid]

Subclass: COCCIDIA [COCCIDIASINA] [small intracellular gamonts, oocyst formation]

Order: ADELEIDA [adeleorine coccidia, syzygy, 1-4 microgametes]

Family: HAEMOGREGARINIDAE [gamonts in blood cells, transmitted by invertebrates]

***Haemogregarina amethystina* Johnston, 1909**

- REP *Morelia amethystinus* (Schneider, 1801) [amethystine python]; blood; R1 (211, 566, 570, 572, 577, 581, 695)
 REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1 (695)

***Haemogregarina aspidomorphi* Mackerras, 1961**

- REP *Cacophis harriettae* Krefft, 1869 [white-crowned snake]; blood, liver, lung; R1 (695)
 REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; blood, liver, lung; R1 (695)
 REP *Stegonotus plumbeus* (Macleay, 1884) [slaty-grey snake]; blood, liver, lung; R1 (695)

***Haemogregarina aulopi* Mackerras & Mackerras, 1925 [variously recorded as *Babesiosoma aulopi* and *Haemohormidium aulopi* (cf. 1380)]**

- 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 balistapi* Smit *et al.*, 2006**

- ACT *Acanthurus xanthopterus* Valenciennes, 1835 [yellowfin surgeonfish]; blood (exptl. infection); R21 (1879)
 ACT *Balistapus undulates* (Park, 1797) [orange-lined triggerfish]; blood; R21 (1648)
 ACT *Sufflamen chrysopterus* (Bloch & Schneider, 1801) [flagtail triggerfish, halfmoon triggerfish] syn. *S. chrysopterus*; blood; R21 (1648)
 ACT *Rhinecanthus aculeatus* (Linnaeus, 1758) [blackbar triggerfish]; blood, R21 (1879)
 ART *Gnathia aureamaculosa* Ferreira *et al.*, 2009 [gnathiid isopod]; tissue smears; R21 (1879)

***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 *Acanthurus nigrofuscus* Forsskål, 1775 [dusky surgeonfish, brown surgeonfish]; blood; R21 (1648)
 ACT *Acanthurus xanthopterus* Valenciennes, 1835 [yellowfin surgeonfish]; blood (exptl. infection); R21 (1879)
 ACT *Ctenochaetus striatus* (Quoy & Gaimard, 1825) [bristle-tooth surgeonfish]; blood; R21 (1648)
 ACT *Ecsenius bicolor* (Day, 1888) [-]; blood; R21 (137, 658)
 ACT *Zebrasoma scopas* Cuvier, 1829 [brushtail tang]; blood; R21 (1648, 1879)
 ACT *Zebrasoma veliferum* (Bloch, 1795) [purple sail-finned tang]; blood; R21 (1648)
 ART *Gnathia* spp. [isopods]; larval smears; R21 (1648)
 ART *Gnathia aureamaculosa* Ferreira *et al.*, 2009 [gnathiid isopod]; tissue smears; R21 (1879)

Haemogregarina boigae Mackerras, 1961 [= *Hepatozoon boigae*]

- REP *Boiga fusca* (Gray, 1842) [brown tree snake]; blood, liver, lung; R1 (695)

Haemogregarina calligaster Lewis, 1913

- REP *Dendrelaphis calligastra* (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, 1477)
 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; R1, R4 (695, 1477)
 REP *Emydura krefftii* (Gray, 1871) [Krefft's river turtle]; blood; R4 (211, 572, 575, 577, 581, 695)
 REP *Emydura macquarii* (Gray, 1830) [Murray turtle]; blood; R4 (577, 581, 695)
 REP *Emydura signata* Ahl, 1932 [short-necked tortoise]; blood; R1 (1476, 1477)

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**

- ART *Gnathia* spp.; squash; R21 (1543)
 CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; blood; R21 (79, 137, 658, 696, 1543)

***Haemogregarina heteronotae* Mackerras, 1961**

- REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; blood, lung; R1 (695)

***Haemogregarina hinuliae* Johnston & Cleland, 1910**

- REP *Sphenomorphus quoyii* (Dumeril & Bibron, 1839) [eastern water skink]; blood; R1, R2 (211, 212, 572, 577, 695, 1636)

***Haemogregarina hylae* Cleland & Johnston, 1910 [= *Lankesterella hylae*]**

- AMP *Litoria caerulea* (White, 1790) [green tree frog]; blood, liver; R1, R2 (209, 211, 212, 214, 581, 696, 1091, 1092, 1384)

***Haemogregarina johnstoni* Mackerras, 1961**

- REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; blood, liver, heart; R1 (695)
 REP *Varanus varius* (White, 1790) [lace monitor]; blood, liver, heart; R1 (695)

***Haemogregarina megalocystis* Gilruth *et al.*, 1910**

- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; RU (392, 577, 695)

***Haemogregarina mirabilis* Castellani & Willey, 1904**

- REP *Boiga fusca* (Gray, 1842) [brown tree snake]; blood, liver, lung; R1 (695)
 REP *Styporhynchus mairii* (Gray, 1841) [keelback]; blood, liver, lungs; R1 (695)

***Haemogregarina moreliae* Johnston, 1909**

REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R7 (211, 565, 570, 572, 577, 695)

Haemogregarina obscura Mackerras, 1961

REP *Egernia cunninghami* (Gray, 1832) [Cunningham's skink]; blood; R2 (695)

Haemogregarina palmeri Mackerras, 1961

REP *Physignathus lesueurii* (Gray, 1831) [eastern water dragon]; blood; R2 (695)

Haemogregarina parmae Mackerras & Mackerras, 1925

ACT *Parma microlepis* Gunther, 1862 [white-ear]; blood; R14 (79, 684, 696)

Haemogregarina pococki Sambon & Seligmann, 1907

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

Haemogregarina pseudechis Johnston, 1909

REP *Pseudechis australis* (Gray, 1842) [king brown snake]; blood; R1 (695)

REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; blood; R1, R2 (211, 212, 565, 570, 572, 575, 577, 695)

Haemogregarina pythonis (Billet, 1895) Labbe, 1899; syn. *Danilewskya pythonis* Billet, 1895

REP *Chondropython viridis* (Schlegel, 1872) [green python]; blood; R1, R2 (695)

REP *Morelia amethystinus* (Schneiger, 1801) [amethystine python]; blood; R1, 2 (695)

REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1, R2 (695)

REP *Python reticulatus* (Schneider, 1801) [reticulated python]; blood; R1, R2 (695)

Haemogregarina shattocki Sambon & Seligmann, 1907

REP *Morelia amethystinus* (Schneiger, 1801) [amethystine python]; blood, liver, lung; RU (695, 1035)

REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood, liver, lung; RU, R1, zoo (UK) (211, 212, 565, 570, 572, 575, 577, 581, 695, 1035)

REP *Notechis scutatus* (Peters, 1861) [eastern tiger snake]; blood, liver, lung; RU (695)

REP *Pseudechis guttatus* De Vis, 1905 [spotted black snake]; blood, liver, lung; RU (695)

Haemogregarina stegonoti Mackerras, 1961

REP *Stegonotus plumbeus* (Macleay, 1884) [slaty grey snake]; blood; R1 (695)

Haemogregarina taeniolati Mackerras, 1961

REP *Ctenotus taeniolatus* (White, 1790) [copper-tailed skink]; blood; R2 (695)

Haemogregarina tetraodontis Mackerras & Mackerras, 1961

ACT *Arothron hispidus* (Linnaeus, 1758) [broad-barred toadfish]; blood; R13, R27 (79, 696)

ACT *Diodon hystrix* Linnaeus, 1758 [porcupine fish]; blood; R21 (137, 658)

ACT *Scarus psittacus* Forsskal, 1775 [palenose parrotfish]; blood; R21 (1648)

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 [monitor lizard]; blood; R1 (580, 581)

- REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; blood; R1 (572, 695)
 REP *Varanus tristis* (Schlegel, 1839) [spotted goanna]; blood; R4 (128, 572, 581, 695, 697)
 REP *Varanus varius* (White, 1790) [lace monitor]; blood; R4 (211, 212, 572, 575, 577, 695)

***Haemogregarina* sp.**

- ACT *Pomacentrus melanochir* Russel *et al.*, 1974 [-]; blood; R21 (137, 658)
 AMP *Litoria caerulea* (White, 1790) [green tree frog] syn. *Hyla caerulea*; blood; R1 (1384)
 ART *Gnathia* spp. [isopods]; larval smears; R21 (1648)
 MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; blood; RU (692)
 REP *Acanthophis antarcticus* (Shaw & Nodder, 1802) [common death adder]; blood; zoo (UK) (695, 1055)
 REP *Acanthophis praelongus* Ramsay, 1877 [northern death adder]; blood; R1 (899)
 REP *Amphibolurus caudicinctus* (Gunther, 1875) [ring-tailed dragon]; blood; R1 (899)
 REP *Aspidites melanocephalus* (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, 1358)
 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 [lined rainbow-skink]; blood; R1 (899)
 REP *Carlia vivax* (De Vis, 1884) [brown-flecked *Carlia*]; blood; R1 (899)
 REP *Chelodina expansa* Gray, 1857 [broad-shelled river turtle]; blood; R1, zoo (Aust.) (581, 960, 1593)
 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, 1380)
 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 taeniolum* White, ex Shaw, 1790 [copper-tailed skink]; blood; R1 (577, 581)
 REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; blood; R1, R4, zoo (UK) (743, 899, 1054)
 REP *Nephrurus wheeleri* Loveridge, 1932 [Wheeler's knobtail gecko]; 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 *Sphenomorphus quoyii* (Dumeril & Bibron, 1839) [eastern water skink] syn. *Lygosoma quoyii*, *Hinulia quoyii*, = *Eulamprus quoyii*; blood (PCR); R1 (1615)
 REP *Stegonotus cucullatus* (Dumeril, Bibron & Dumeril, 1854) [slaty-grey snake]; blood; R1 (899, 1358)
 REP *Styporhynchus mairii* (Gray, 1841) [keelback]; blood; R1 (899)
 REP *Varanus varius* (White, 1790) [lace monitor]; blood; R4 (393, 577, 697)

***Haemohormidium* sp.**

- ACT *Zebrosoma scopas* Cuvier, 1829 [brushtail tang]; blood; R21 (1648)
 ACT *Chlorurus sordidus* (Forsskal, 1775) [bullethead parrotfish]; blood; R21 (1648)
 ACT *Scarus psittacus* Forsskal, 1775 [palenose parrotfish]; blood; R21 (1648)

Hepatozoon boigae (Mackerras, 1961) Jakes *et al.*, 2003 syn. *Haemogregarina boigae*

REP *Boiga irregularis* (Merrem, 1802) [brown tree snake]; blood; R1 (1476, 1479)

Hepatozoon breinli (Mackerras, 1961)

ART *Culex quinquefasciatus* Say, 1823 [brown house mosquito]; haemocoel; R1 (697)

REP *Varanus gouldii* (Gray, 1838) [Gould's goanna]; blood; R1 (695, 697)

REP *Varanus tristis* (Schlegel, 1839) [spotted goanna]; blood; R1 (695, 697)

REP *Varanus varius* (White, 1790) [lace monitor]; blood; R1 (695, 697)

Hepatozoon dasyuri (Welsh *et al.*, 1909) Wenyon, 1926; syn. *Haemogregarina dasyuri* Welsh *et al.*, 1909

MAM *Dasyurus viverrinus* (Shaw, 1800) [eastern quoll]; blood; R2 (563, 570, 693, 826, 851, 1230, 1231, 1234, 1230, 1790)

MAM *Dasyurus* sp.; blood; RU (1726)

Hepatozoon dasyuroides Mackerras, 1959

MAM *Dasyercus* (syn. *Dasyuroides*) *byrnei* (Spencer, 1896) [kowari]; blood; R10 (693, 1790)

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 *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood (+ PCR); R6 (691, 693, 826, 851, 1725)

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, 1790)

MAM *Petaurus norfolcensis* (Kerr, 1792) [squirrel glider]; blood; RU (563, 570, 693, 826, 851, 1226, 1227, 1234, 1790)

Hepatozoon pseudecheiri Mackerras, 1959

MAM *Pseudocheirus langinosus* (Gould, 1858) [ringtail possum]; blood; R1 (693, 1790)

Hepatozoon tachyglossi Clark *et al.*, 2005

MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; blood (monocytes); RU, R2 (, 1361, 1790)

***Hepatozoon* sp.**

MAM *Canis familiaris* Linnaeus, 1758 [dog]; blood, liver; R1 (136, 692, 1059)

MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; blood; R3 (77, 899)

- MAM *Pseudocheirus herbertensis* (Collett, 1884) [Herbert River ringtail possum]; blood; R1 (1084)
 MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat]; blood; R1 (899, 1790)
 REP *Bothrochilus fuscus* (Peters, 1873) [water python] syn. *Liasis fuscus*; blood (+PCR); R8 (1689, 1722, 1723, 1724)
 REP *Dendrelaphis punctulata* (Gray, 1826) [common tree snake]; blood; R1 (1593)
 REP *Egernia striolata* (Peters, 1870) [tree skink]; blood; RU (1380)
 REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; blood; RU (1380)
 REP *Morelia spilotes* (Lacepede, 1804) [carpet & diamond pythons] syn. *Morelia spilota*; blood; R1 (1593)
 REP *Stegonotus cucullatus* (Dumeril, Bibron & Dumeril, 1854) [slaty-grey snake]; blood; R1 (1476)
 REP *Tiliqua gerrardii* (Gray, 1845) [pink-tongued lizard] syn. *Cyclodomorphus gerrardii*; blood; R1 (1593)
 REP *Varanus varius* (White, 1790) [lace monitor]; blood; R1 (1593)

***Schellackia* sp.**

- REP *Bothrochilus olivaceus* (Gray, 1842) [olive python]; blood; R1, R9 (899, 900)
 REP *Nephrurus wheeleri* Loveridge, 1932 [Wheeler's knobtail gecko]; blood; R1 (899)
 REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; blood; R1 (899)
 REP *Egernia stokesii* (Gray, 1845) [Gidgee skink]; blood; R5 (1429)

Unidentified haemogregarine species

- ACT *Cephalopholis boenak* (Bloch, 1790) [brown-barred rockcod]; leucocytes; R21 (1648)
 MAM *Pseudocheirus herbertensis* (Collett, 1884) [Herbert River ringtail possum]; blood; R1 (1084)

Family: KLOSSIELLIDAE

***Klossiella bettongiae* Barker et al., 1985**

- MAM *Bettongia gaimardi* (Desmarest, 1822) [Tasmanian bettong]; kidney; R3 (58, 851, 1790)

***Klossiella beveridgei* Barker et al., 1985**

- MAM *Lagorchestes conspicillatus* Gould, 1842 [spectacled hare-wallaby]; kidney; R1 (58, 851, 1790)

***Klossiella callitris* Barker et al., 1975**

- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; kidney; R4 (54, 826, 851, 1124, 1790)

***Klossiella convolutor* Barker et al., 1975**

- MAM *Pseudocheirus peregrinus* (Boddaert, 1785) [common ringtail possum]; kidney; R3 (54, 826, 851, 971, 1124, 1790)

***Klossiella equi* Baumann, 1946**

- MAM *Equus caballus* Linnaeus, 1758 [horse]; kidney; R1 (29, 167, 644)

***Klossiella hydromys* Winter & Watt, 1972**

- MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; kidney; R1 (1073, 1074, 1124, 1249, 1790)

***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, 1790)
 MAM *Perameles bougainville* Quoy & Gaimard, 1824 [western barred bandicoot]; kidney; R6 (1299)
 MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; kidney; R3 (54, 826, 851, 1124, 1790)

***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, 1790)

***Klossiella serendipensis* Barker et al., 1975**

- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; kidney; R2 (54, 826, 851, 1124, 1306, 1790)

***Klossiella thylogale* Barker et al., 1985**

- MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; kidney; R3 (58)

***Klossiella* sp.**

- MAM *Dasyercus* (syn. *Dasyuroides*) *byrnei* (Spencer, 1896) [kowari]; kidney; RU (826, 851, 1790)
 MAM *Hemibelideus lemuroides* (Collett, 1884) [lemuroid ringtail possum]; kidney; R1 (1084, 1790)
 MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; kidney; RU, R1 (691, 692, 1790)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; kidney; RU (826, 851, 1790)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; kidney; R4 (30, 826, 851, 1790)
 MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; kidney; RU (692, 1790)
 MAM *Potorous tridactylus* (Kerr, 1792) [southern potoroo]; kidney; R3 (54, 826, 851, 1790)
 MAM *Pseudocheirus archeri* (Collett, 1884) [green ringtail possum]; kidneys; R1 (1084, 1790)
 MAM *Pseudocheirus herbertensis* (Collett, 1884) [Herbert River ringtail possum]; kidney; R1 (1084, 1790)
 MAM *Rattus* sp.; kidney; R1 (398)
 MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; kidney; RU (826, 851, 1790)

Order: EIMERIIDA [eimeriorine coccidia, no syzygy, many mirogametes]

Family: AGGREGATIDAE

***Aggregata* sp.**

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

Family: PFEIFFERINELLIDAE

***Pfeifferinella* sp.?**

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

Family: 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)

Lankesterella picumni Mackerras & Mackerras, 1960

AVE *Climacteris picumnus* Temminck, 1824 [brown treecreeper]; blood; R4 (446, 694)

Family: EIMERIIDAE

Caryospora cheloniae Leibovitz *et al.*, 1978

REP *Chelonia mydas* (Linnaeus, 1758) [green turtle]; intestines, kidney, brain; R13 (421, 1790)

Caryospora demansiae Cannon, 1967

REP *Demansia psammophis* (Schlegel, 1837) [yellow-faced whip snake]; faeces, intestine; R1 (170, 1206, 1861)

Caryospora dendrelaphis Cannon & Rzepczyk, 1974

REP *Dendrelaphis punctulata* (Gray, 1826) [common tree snake]; faeces; R1 (173, 1206, 1861)

***Caryospora* sp.**

AVE *Coracina novaehollandiae* (Gmelin, 1789) [black-faced cuckoo-shrike]; faeces; R1 (899)

AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth, mopoke]; NR; RU (1790)

REP *Acanthophis antarticus* (Shaw & Nodder, 1802) [common death adder]; faeces; R1 (899)

REP *Amphibolurus caudicinctus* (Gunther, 1875) [ring-tailed dragon]; NR; RU (1790)

REP *Boiga irregularis* (Merrem, 1802) [brown tree snake]; faeces; R1 (1358)

REP *Chelonia mydas* (Linnaeus, 1758) [green turtle]; intestines; R13 (899)

Cyclospora cayetanensis Ortega *et al.*, 1994

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, intestines; R2 (tourist to Bali) (1409, 1601)

***Cyclospora* sp.** (= CLB's, cyanobacteria-like or coccidia-like bodies)

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces; R1, R2, R5 (141, 742, 913)

Eimeria ablephari Cannon, 1967

REP *Ablepharus boutonii* (Macleay, 1877) [callous-palmed shinning-skink]; faeces, small intestine; R1 (172)

Eimeria acervulina Tyzzer, 1929

AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines, faeces (+ PCR); R1, R2 (17, 167, 431, 601, 786, 801, 869, 870, 1059, 1060, 1521, 1714, 1749, 1781, 1878)

Eimeria adenoides Moore & Brown, 1951

AVE *Alectoris chukar* Gray, 1830 [chukar partridge]; gut; R2 (989)

Eimeria aepyromni Barker *et al.*, 1988

MAM *Aepyprymnus rufescens* (Gray, 1837) [rufous bettong]; faeces; zoo (Aust.) (61)

Eimeria ahsata Honess, 1942

MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)

Eimeria alabamensis Christensen, 1941

MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R5 (167)

Eimeria alijevei 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, 1471, 1790)

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 assimilis* Ramsey, 1877 [allied rock-wallaby]; faeces; R1 (59)

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, 1591)

Eimeria brunetti Levine, 1942

AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines, faeces (+ PCR); RU, R1, R2 (167, 431, 601, 801, 870, 1060, 1521, 1714, 1749, 1878)

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 crandallis*** Honess, 1942
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; RU (167)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria cunnamullensis*** Mykytowycz, 1964
MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces, small intestine; R4, zoo (India) (52, 167, 865, 948, 1677)
- Eimeria cylindrica*** Wilson, 1931
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 749, 934, 937)
- Eimeria deblickei*** 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 *Glossopsitta concinna* (Shaw, 1791) [musk lorikeet]; intestines; R3 (1423, 1790)
AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; intestines; R6 (748, 990, 1790)
- Eimeria dykova*** Molnar & Rohde, 1988
ACT *Cheilodactylus fuscus* Castelnau, 1879 [red morwong]; intestinal mucosa; R14 (788)

***Eimeria echidnae* Barker et al., 1985**

MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; faeces; R3 (57, 1790)

***Eimeria egerniae* Cannon, 1967**

REP *Egernia whitii* (Lacepede, 1804) [White's skink]; faeces, gall bladder; R4 (172)

***Eimeria ellipsoidalis* Becker & Frye, 1929**

MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R1, R5 (167, 749, 934, 936, 937, 1591)

***Eimeria exigua* Yakimoff, 1934**

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R2, R6 (484, 1107, 1108, 1463, 1464, 1599)

***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, 1463, 1464)

***Eimeria flindersi* Barker et al., 1989**

MAM *Macropus antilopinus* (Gould, 1842) [antelope wallaroo]; faeces; R1 (62)

MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R5 (62)

MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R3 (62)

***Eimeria gaimardi* Barker et al., 1988**

MAM *Bettongia gaimardi* (Desmarest, 1822) [Tasmanian bettong]; faeces; R3 (61)

***Eimeria gallopavonis* Hawkins, 1952**

AVE *Meleagris gallopavo* Linnaeus, 1758 [domestic turkey]; intestines; RU (167, 801)

***Eimeria gastrosauris* 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 assimilis* Ramsey, 1877 [allied rock-wallaby]; faeces; R1 (59)

MAM *Petrogale godmani* Thomas, 1923 [Godman's 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, 1790)

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 hypsiprymnodontis Barker *et al.*, 1988

MAM *Hypsiprymnodon 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)

MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; faeces; R1 (59)

Eimeria intestinalis Kheisin, 1948

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R6 (484, 1463, 1464)

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, 1599)

Eimeria jamescooki Paperna, 2003

REP *Cryptoblepharus virgatus* (Garman, 1901) [snake-eyed skink, cream-striped shining skink]; faeces, gut; R1 (1590)

Eimeria jolchijevi Musaev, 1970

MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (608, 881)

Eimeria kairensis Barker *et al.*, 1988

MAM *Hypsiprymnodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)

Eimeria kanyana Bennett *et al.*, 2006

MAM *Perameles bougainville* Quoy & Gaimard, 1824 [western barred bandicoot]; faeces; R6 (1298)

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) [pale-flecked garden sunskink]; faeces, small intestine; R1 (172)

Eimeria leiolopismatis Cannon, 1967

REP *Leiolopisma challengerii* Bullinger, 1887 [orange-tailed shade skink]; faeces, small intestine; R1 (172)

Eimeria leporilli O'Callaghan & O'Donoghue, 1999

MAM *Leporillus conditor* (Sturt, 1848) [greater stick-nest rat]; faeces; R5 (1581)

Eimeria leuckarti (Flesch, 1883) Reichenow, 1940

MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces, intestines; RU, R1, R3 (29, 51, 167, 730, 991)

Eimeria lumholtzi Barker *et al.*, 1988

MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; faeces; R1 (60)

Eimeria macropodis Wenyon & Scott, 1925; syn. *E. fausti* Yakimoff & Matschoulsky, 1936; syn. *E. cunnamullensis* Mykytowycz, 1964; syn. *E. purchasei* Mykytowycz, 1964

MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; faeces; R1, R4, zoo (USSR) (62, 865, 1272)

MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R4, R5, zoo (Aust., USSR) (62, 865, 1272)

MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces; R4, zoo (USSR) (62, 865, 1272)

MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; faeces, small intestine; R4, zoo (USSR) (52, 62, 167, 865, 946, 947, 948, 949, 1272)

MAM *Macropus irma* (Jourdan, 1837) [western brush wallaby]; faeces; R4, R6, zoo (USSR) (62, 865, 1272)

MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; faeces; R2, R4, zoo (Aust., USSR) (62, 865, 1272)

MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; faeces; R1, R4, zoo (Aust., USSR) (62, 865, 1272)

MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R4, zoo (UK, USSR) (62, 865, 947, 946, 948, 949, 967, 1233, 1272)

MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces; R4, R6, zoo (USSR) (62, 865, 1272)

Eimeria magna Perard, 1925

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059, 1060, 1107, 1108, 1463, 1464, 1599)

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, faeces (+ PCR); RU, R1, R2 (167, 431, 601, 753, 801, 870, 1059, 1060, 1521, 1711, 1712, 1714, 1749, 1781, 1878)

Eimeria media Kessel, 1929

MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1060, 1107, 1108, 1463, 1464, 1599)

Eimeria mitis Tyzzer, 1929

AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; intestines, faeces (+ PCR); RU, R1 (601, 649, 1060, 1521, 1749, 1878)

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 rat-kangaroo]; faeces; R3 (61)

Eimeria mykutowyczi 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, faeces (+ PCR); RU, R1, R2, R5, R6 (167, 431, 451, 452, 454, 511, 601, 801, 869, 870, 1059, 1060, 1521, 1714, 1749, 1878)

Eimeria neodebliecki Vetterling, 1965

MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1, R5 (167, 594)

Eimeria nesowai Lom & Dykova, 1995

ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; intestinal mucosa; R2 (672)

Eimeria nieschulzi Dieben, 1924

MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; gut; RU (692)

Eimeria ninakohlyakimovae Yakimoff & Rastegaieff, 1930

- MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2, R5 (167, 608, 881)
- Eimeria obendorfi* Barker et al., 1988**
MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; faeces; R3 (60)
- Eimeria occidentalis* Barker et al., 1988**
MAM *Petrogale brachyotis* (Gould, 1841) [short-eared rock-wallaby]; faeces; R8 (59)
MAM *Petrogale lateralis* Gould, 1842 [black-footed rock-wallaby]; faeces; R7, R8 (59)
MAM *Petrogale rothschildi* Thomas, 1904 [Rothschild's rock-wallaby]; faeces; R6 (59)
- Eimeria ovina* Levine & Ivens, 1970; = *E. arloingi* (Marotel, 1905) Martin, 1909**
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria ovinoidalis* McDougald, 1979; = *E. ninakohlyakimovae* Yakimoff & Rastegaieff, 1930**
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria pallida* Christensen, 1938**
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; R1, R2 (167, 608)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria parma* Barker et al., 1989**
MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; faeces; zoo (Aust.) (62)
- Eimeria parryi* Barker et al., 1989**
MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; faeces; zoo (Aust.) (62)
- Eimeria parva* Kotlan et al., 1929**
MAM *Capra hircus* Linnaeus, 1758 [goat]; faeces; RU (167)
MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria pellita* Supperer, 1952**
MAM *Bos taurus* Linnaeus, 1758 [ox]; faeces; R5 (167)
- Eimeria perforans* (Leuckart, 1879) Sluiter & Swellengrebel, 1912**
MAM *Lepus europaeus* Pallas, 1778 [hare]; faeces; RU (692, 1059, 1060)
MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU, R2, R4, R6 (484, 692, 862, 864, 1057, 1059, 1060, 1107, 1108, 1463, 1464, 1599)
- Eimeria petrogale* Barker et al., 1988**
MAM *Petrogale assimilis* Ramsey, 1877 [allied rock-wallaby]; faeces; R1 (59)
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, R2 (59, 1916, 1919)
MAM *Petrogale persephone* Maynes, 1982 [Proserpine rock-wallaby]; faeces; R1 (59, 72)
- Eimeria philypnodon* Molnar & Rohde, 1988**
ACT *Philypnodon grandiceps* (Kreffft, 1864) [big-headed gudgeon]; intestinal mucosa; R2 (789)
- Eimeria piriformis* Kotlan & Pospesch, 1934**

- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; R2, R4, R6 (484, 864, 1060, 1107, 1108, 1463, 1464, 1599)
- Eimeria pleurostici*** Molnar & Rohde, 1988
 ACT *Sphaeroides pleurosticus* (Gunther, 1871) [banded toad]; intestinal mucosa; R14 (788)
- Eimeria porci*** Vetterling, 1965
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1 (594)
- Eimeria potoroi*** Barker *et al.*, 1988
 MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed rat-kangaroo]; faeces; R3 (61)
- Eimeria praecox*** Johnson, 1930
 AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; faeces, intestines (+ PCR); R1, R2 (601, 801, 1521, 1714, 1749, 1878)
- Eimeria prionotemni*** Barker *et al.*, 1989
 MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; faeces; R5, zoo (Aust.) (62)
 MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; faeces; R1 (62)
 MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; faeces; R5, zoo (Aust.) (62)
 MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; faeces; R1, zoo (Aust.) (62)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; faeces; R3 (62)
- Eimeria psittacina*** Gottschalk, 1972
 AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; NR; RU (1790)
- Eimeria punctata*** Landers, 1955
 MAM *Ovis aries* Linnaeus, 1758 [sheep]; faeces; R5 (167, 880)
- Eimeria quokka*** Barker *et al.*, 1988
 MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; faeces; R6 (60)
- Eimeria ringaroomaensis*** Barker *et al.*, 1988
 MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; faeces; R3 (60)
- Eimeria rohdei*** Lom & Dykova, 1995
 ACT *Monacanthus chinensis* Osbeck, 1765 [fan-bellied leatherjacket]; caecal mucosa; R14 (672)
- Eimeria rufusi*** Prasad, 1960
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; faeces; zoo (UK) (167, 946, 947, 948, 949, 967)
- Eimeria scabra*** Henry, 1931
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1 (167, 594, 1214)
- Eimeria serventyi*** Pellerdy, 1974
 AVE *Puffinus tenuirostris* (Temminck, 1835) [mutton bird]; kidney; R3 (167, 446, 808, 1790)
- Eimeria setonicis*** Barker *et al.*, 1988
 MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; faeces; R6 (60)

***Eimeria sharmani* Barker et al., 1988**

- MAM *Petrogale assimilis* Ramsey, 1877 [allied rock-wallaby]; faeces; R1 (59)
 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, R2 (59, 1916, 1919)
 MAM *Petrogale persephone* Maynes, 1982 [Proserpine rock-wallaby]; faeces; R1 (72)
 MAM *Petrogale rothschildi* Thomas, 1904 [Rothschild's rock-wallaby]; faeces; R6 (59)

***Eimeria sillaginis* Molnar & Rohde, 1988**

- ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; intestinal mucosa; R13, R14 (669, 672, 788)

***Eimeria spearei* Barker et al., 1988**

- MAM *Hypsiprymnodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)

***Eimeria spratti* Barker et al., 1988**

- MAM *Hypsiprymnodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)

***Eimeria sternfeldi* McAllister et al., 1993**

- REP *Tiliqua multifasciata* Sternfeld, 1919 [centralian blue-tongued lizard]; faeces; zoo (USA) (737)

***Eimeria stiedae* (Lindemann, 1895) Kisskalt & Hartmann, 1907; syn. *Coccidium oviforme* Leuckart, 1879; syn. *Coccidium cuniculi* (Rivolta, 1878) Labbe, 1899; syn. *Psorospermium cunicui* Rivolta, 1878**

- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces, liver, gall bladder; R1, R2, R4, R5, R6 (167, 320, 321, 448, 484, 557, 562, 567, 569, 573, 583, 692, 862, 864, 1057, 1059, 1060, 1107, 1108, 1463, 1464, 1599)

***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, 1790)

***Eimeria tenella* (Railliet & Lucet, 1891) Fantham, 1909; = *Coccidium avium* (Silvestrini & Rivolta, 1871) Leuckart, 1879**

- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; caeca, intestines, faeces (+ PCR); R1, R2, R3, R6 (17, 25, 26, 27, 76, 167, 431, 451, 452, 454, 511, 601, 801, 804, 869, 870, 1059, 1060, 1482, 1521, 1714, 1749, 1781, 1878)

***Eimeria thylogale* Barker et al., 1988**

- MAM *Thylogale billardieri* (Desmarest, 1822) [Tasmanian pademelon]; faeces; R3 (60)

***Eimeria tinarooensis* Barker et al., 1988**

MAM *Hypsiprymnodon moschatus* Ramsay, 1876 [musky rat-kangaroo]; faeces; R1 (61)

Eimeria toganmainensis Mykytowycz, 1964

MAM *Macropus eugenii* (Desmarest, 1817) [tamar 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 trichosuri O'Callaghan & O'Donoghue, 2001

MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; faeces; R1, R2, R3, R5 (1582)

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, 1790)

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, 1591)

***Eimeria* sp.**

- ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; intestines, pyloric caeca; RU (1030)
- ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; intestines; R4 (33, 35, 79, 839, 983, 1030)
- ACT *Monacanthus chinensis* Osbeck, 1765 [fan-bellied leatherjacket]; pyloric caeca; R13 (669)
- ACT *Myxus elongatus* Gunther, 1861 [sand mullet]; pyloric caeca; R13 (669)
- AVE *Anser anser domesticus* Linnaeus 1758 [domestic goose]; intestine; RU (801)
- AVE *Cacatua roseicapilla* (Vieillot, 1817) [galah]; intestines; RU (1790)
- AVE *Carduelis chloris* (Linnaeus, 1758) [European greenfinch]; intestines; RU (446, 447, 1052)
- AVE *Cygnus atratus* (Latham, 1790) [black swan] syn. *Chenopsis atrata*; kidney; RU (1790)
- AVE *Hirundo nigricans* (Vieillot, 1817) [tree martin]; faeces; R1 (899, 1790)
- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; intestines, faeces; RU, R1 (899, 990, 1052)
- AVE *Dromaius novaehollandiae* (Latham, 1790) [emu]; gut; RU (1106, 1790)
- AVE *Erythrura gouldiae* (Gould, 1844) [Gouldian finch] syn. *Chloebia gouldiae*; intestines; RU (1790)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; faeces (+PCR); RU, R2 (422, 1878)
- AVE *Lichenostomus penicillatus* (Gould, 1837) [white-plumed honeyeater]; intestines; RU (446, 1790)
- AVE *Menura novaehollandiae* Latham, 1801 [superb lyrebird]; intestines; RU (1790)
- AVE *Morus serrator* (Gray, 1843) [Australasian gannet]; kidney; RU (1790)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; intestines; RU (446, 1052)
- AVE *Pandion haliaetus* (Linnaeus, 1758) [osprey]; faeces; R1 (899, 1790)
- AVE *Phylidonyris novaehollandiae* (Latham, 1790) [New Holland honeyeater, whiskered honeyeater, yellow-winged honeyeater] syn. *Meliornis novaehollandiae*; intestines; RU (1790)
- AVE *Rallus philippensis* Linnaeus, 1766 [buff banded rail]; faeces; R1 (899, 1790)
- AVE *Sphecotheres viridis* Vieillot, 1816 [figbird]; faeces; R1 (899, 1790)
- AVE *Tadorna tadornoides* (Jardine & Selby, 1828) [Australian shelduck, chesnut-breasted shelduck] syn. *Casarca tadornoides*; kidney; RU (1790)
- AVE *Trichoglossus chlorolepidotus* (Kuhl, 1820) [scaly-breasted lorikeet]; faeces; R1 (899, 1790)
- 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, R6 (493, 1533, 1837)
- 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 *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; NR; RU (1790)
- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; faeces; RU (321, 863, 1837)
- 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 *Stenella longirostris* (Gray, 1828) [long-snouted spinner dolphin]; intestines; RU (1790)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R6 (1635, 1864)
- 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, 1696)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; faeces; R1, R2, R3 (899, 968, 970, 973, 1696)
- MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; faeces; RU (28)
- REP *Acanthophis antarticus* (Shaw & Nodder, 1802) [common death adder]; faeces, intestines; R1, R5 (743, 899)
- REP *Austrelaps 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* Krefft, 1869 [Stephen's banded snake]; faeces; R1 (899)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; faeces; R1 (899)
- REP *Notechis ater* (Krefft, 1866) [black tiger snake]; faeces; R1 (899)
- REP *Oxyuranus microlepidotus* (McCoy, 1879) [inland taipan]; faeces; R1 (899)
- REP *Pseudechis australis* (Gray, 1842) [king brown snake]; faeces; R1 (899)
- REP *Pseudechis porphyriacus* (Shaw, 1794) [red-bellied black snake]; faeces; R1 (899)
- REP *Pseudonaja nuchalis* Gunther, 1858 [western brown snake]; intestines; R5 (743)
- REP *Stegonotus cucullatus* (Dumeril, Bibron & Dumeril, 1854) [slaty grey snake]; faeces; R1 (899)
- REP *Tiliqua occipitalis* (Peters, 1863) [western blue-tongued lizard]; faeces; R1 (899)
- REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; faeces; R1 (899)
- REP *Underwoodsaurus milii* (Bory de Saint-Vincent, 1825) [thick-tailed gecko]; faeces; R1 (899)

Epieimeria anguillae (Leger & Hollande, 1922)

- ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; intestinal mucosa; R2 (789)

***Epieimeria* sp.**

- ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gut; RU (858)
- ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; gut; RU (858)
- ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; gut; RU (858)
- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; gut; RU (858)
- ACT *Cheilodactylus fuscus* Castelnau, 1879 [red morwong]; gut; RU (858)
- ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gut; RU (858)
- ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; gut; RU (858)
- ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; gut; RU (858)
- ACT *Tetraodon* sp.; gut; RU (858)
- ACT Unidentified gudgeon species; gut; RU (858)

- Globidium macropodis*** (Gilruth & Bull, 1912) Wenyon, 1926; syn. *Ileocystis macropodis* Gilruth & Bull, 1912
MAM *Macropus* sp.; intestinal mucosa; zoo (Aust.) (397)
- Globidium mucosum*** (Blanchard, 1885) Noller, 1920
MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; small intestine; zoo (UK, EUR) (1054, 1274)
- Globidium* sp.**
MAM *Macropus* sp.; intestinal mucosa; zoo (Aust.) (397)
REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; gut; R1 (1589)
- 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* (Kreff, 1864) [empire gudgeon]; intestinal mucosa; R2 (628, 634, 789, 858)
- Goussia carpelli*** (Leger & Stankovitch, 1921) Lom & Dykova, 1982
ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; intestines; R4 (669, 672)
- Goussia cruciata*** (Thelohan, 1892) Labbe, 1896
ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; liver; R14 (672)
- Goussia langdoni*** Molnar & Rohde, 1988
ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; intestines; R4 (628, 634, 789, 858, 1030)
- Goussia lomi*** Molnar & Rohde, 1988
ACT *Maccullochela peeli* (Mitchell, 1838) [Murray cod]; intestinal mucosa; R4 (628, 634, 789, 858, 951, 1030)
- Goussia microcanthi*** Molnar & Rohde, 1988
ACT *Microcanthus strigatus* (Cuvier & Valenciennes, 1831) [stripey]; intestinal mucosa; R14 (788)
- Goussia piekarskii*** Lom & Dykova, 1995
ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; small intestine; R4 (672)
- Goussia thelohani*** Labbe, 1896
ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; liver; R14 (672)
ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; liver; R14 (672)
- Goussia* sp.**
ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; liver; R13 (669)
ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gut; R2 (789)
ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; faeces, gut; R2 (789)
ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; intestine; R4 (669)
ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; liver; R13 (669)

- ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; liver; R14 (669, 788)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; NR; RU (1790)
 REP *Crocodylus porosus* Schneider, 1801 [salt water crocodile]; intestines; R1 (919, 1790)

***Hoarella* sp.**

- AMP *Litoria caerulea* (White, 1790) [green tree frog]; faeces; R1 (899)
 AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; faeces; R1 (899)

***Ileocystis macropodis* Gilruth & Bull, 1912**

- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; small intestine; zoo (UK) (1164, 1233)

***Cystoisospora belli* Wenyon, 1923 [= *Isoospora belli*]**

- MAM *Homo sapiens* Linnaeus, 1758 [human], faeces (+ PCR); R1, R2, R5, R6, R8 (142, 763, 1329, 1404, 1409, 1411, 1528, 1612, 1737)

***Cystoisospora canis* Nemeseri, 1959 [= *Isoospora canis*]**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R5, R6 (95, 167, 1040, 1332)

***Cystoisospora felis* Wenyon, 1923 [= *Isoospora felis*]**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2 (67, 373, 692, 1060)
 MAM *Felis catus* Linnaeus, 1758 [cat]; faeces (+ PCR); R1, R2, R3, R4, R5, R6, R8, R10, R12, R26 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148, 1241, 1541, 1580, 1710, 1737, 1747, 1837, 1863)

***Cystoisospora ohioensis* Dubey, 1975 [= *Isoospora ohioensis*]**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces (+ PCR); R2, R5, R6 (67, 95, 167, 692, 1040, 1060, 1332, 1737)
 MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; faeces; R2 (67, 692, 1060)

***Cystoisospora rivolta* (Grassi, 1879) Wenyon, 1923 [= *Isoospora rivolta*]**

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces (+ PCR); R1, R2, R3, R4, R5, R6, R8, R10, R12, R26 (67, 68, 167, 220, 222, 373, 424, 692, 763, 957, 1060, 1065, 1085, 1148, 1541, 1580, 1710, 1737, 1747, 1837, 1863)

***Cystoisospora suis* Biester, 1934 [= *Isoospora suis*]**

- MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces (+ PCR); R1, R2, R3, R5, R6 (167, 304, 305, 1635, 1737, 1823)

***Cystoisospora* sp.**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R8 (220, 373, 593, 763, 1148)
 MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R3 (781)
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R6 (1823)
 MAM *Canis familiaris dingo* Linnaeus, 1758 (= *Canis lupus dingo*)[dingo]; faeces; RU (1837)

***Isoospora ablephari* Cannon, 1967**

- REP *Ablepharus boutonii* (Macleay, 1877) [callous-palmed shinning-skink]; faeces, intestine; R1 (171)
 REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; faeces, intestine; R1 (171)

***Isoospora amphiboluri* Cannon, 1967**

- REP *Amphibolurus barbatus* (Cuvier, 1829) [bearded dragon]; faeces, duodenum; R1 (171)
 REP *Amphibolurus vitticeps* Ahl, 1926 [inland bearded dragon]; faeces; zoo (USA) (738)

Isospora boxae Grulet *et al.*, 1982

- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)

Isospora cannoni Finkelman & Paperna, 1994

- REP *Diporiphora australis* (Steindachner, 1867) [Australian two-pored dragon]; small intestine; R1 (367, 1587)

Isospora cryptoblephari Finkelman & Paperna, 1994

- REP *Cryptoblepharus virgatus* (Garman, 1901) [snake-eyed skink, cream-striped shining skink]; small intestine; R1 (366)

Isospora cytoheteronotis Finkelman & Paperna, 2002

- REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; faeces, intestines; R1 (1414)

Isospora delmae Finkelman & Paperna, 1994

- REP *Delma nasuta* Kluge, 1974 [sharp-snouted legless lizard]; small intestine; R5 (366)

Isospora egerniae Cannon, 1967

- REP *Egernia whitii* (Lacepede, 1804) [White's skink]; faeces, intestine; R4 (171)

Isospora gehyrae Finkelman & Paperna, 2002

- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; faeces; R5 (1414)

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 nucleoheteronotis Finkelman & Paperna, 2002

- REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; faeces, intestines; R1 (1414)

Isospora oedurae Finkelman & Paperna, 2002

- REP *Oedura rhombifer* Gray, 1845 [velvet gecko]; faeces, intestines; R1 (1414)

***Isoospora spratti* Grulet *et al.*, 1982**

AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; faeces; R5 (432)

***Isoospora* sp.**

- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; large intestine; RU (1087)
 AVE *Acanthorhynchus tenuirostris* (Latham, 1801) [eastern spinebill]; faeces; R1 (899, 1790)
 AVE *Corvus orru* Bonaparte, 1851 [Torresian crow]; faeces; R1 (899, 1790)
 AVE *Cracticus nigrogularis* (Gould, 1837) [pied butcherbird]; faeces; R1 (899)
 AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; faeces; R1 (899, 1790)
 AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie]; faeces; R1 (899)
 AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; faeces; R1 (899, 1790)
 AVE *Manorina melanotis* (Wilson, 1911) [black-eared miner]; faeces; RU (1790)
 AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; tissues; R5 (433, 1790)
 AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; faeces; R1 (899, 1790)
 AVE *Trichoglossus haematodus* (Linnaeus, 1771) [rainbow lorikeet]; faeces; R1 (899)
 REP *Amphibolurus barbatus* (Cuvier, 1829) [bearded dragon]; faeces; R1 (899)
 REP *Amphibolurus vitticeps* Ahl, 1926 [inland bearded dragon] syn. *Pogona vitticeps*; intestines; colony (USA) (1493)
 REP *Boiga irregularis* (Merrem, 1802) [brown tree snake]; faeces; R1 (1358)
 REP *Carlia rhomboidalis* (Peters, 1869) [blue-throated rainbow-skink]; intestines; R1 (1587)
 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, intestines; R1 (899, 1587, 1790)
 REP *Phyllurus cornutus* (Ogilby, 1892) [northern leaf-tailed gecko]; faeces, intestine; R1 (171)
 REP *Pseudotoxodactylus 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)

***Octospora hystrix* Barker *et al.*, 1985**

MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; faeces; R2 (57, 1790)

***Octospora* sp.**

- AMP *Litoria caerulea* (White, 1790) [green tree frog]; faeces; R1 (899)
 AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; faeces; R1 (899)

***Tyzzeria* sp.**

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

Unidentified coccidia

- ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; gut; RU (788)
 ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; pancreas, intestines; R21 (609, 658)
 ACT *Chelidonichthys kumu* (Lesson & Garnot, 1826) [red gunard]; gut; RU (788)
 ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; intestine; R13 (669)
 ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; intestine; R13 (669)
 ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; gut; RU (788)
 ACT *Terapon jarbua* (Forskål, 1775) [-]; gall bladder; R21 (658)

ANN	Unidentified tubificid worms; coelum, intestines; R13 (1448)
AVE	<i>Agapornis</i> sp.; intestines; RU (990)
AVE	<i>Anas platyrhynchos</i> Linnaeus, 1758 [mallard]; faeces; R2 (1059, 1060)
AVE	<i>Coturnix</i> sp.; intestines; RU (990)
AVE	<i>Eudyptula minor</i> (Forster, 1781) [little penguin]; kidney, intestines; RU, R2 (31, 904, 990, 1453, 1790)
AVE	<i>Serinus canaria</i> Linnaeus, 1758 [canary]; intestines; RU (990)
MAM	<i>Aepyprymnus rufescens</i> (Gray, 1837) [rufous bettong]; faeces; R1 (fauna park) (1082)
MAM	<i>Antechinus stuartii</i> Macleay, 1841 [brown antechinus]; small intestine; R2 (55)
MAM	<i>Bos taurus</i> Linnaeus, 1758 [ox]; gut; RU (692, 1059)
MAM	<i>Canis familiaris</i> Linnaeus, 1758 [dog]; faeces; RU (692, 1059)
MAM	<i>Dendrolagus lumholtzi</i> Collett, 1884 [Lumholtz's tree-kangaroo]; faeces; R1 (fauna park) (1082)
MAM	<i>Lagorchestes conspicillatus</i> Gould, 1842 [spectacled hare-wallaby]; faeces; R1 (fauna park) (1082)
MAM	<i>Macropus agilis</i> (Gould, 1842) [agile wallaby]; faeces; R1 (fauna park) (1082)
MAM	<i>Macropus eugenii</i> (Desmarest, 1817) [tammar wallaby]; small intestine, liver; RU, zoo (31, 1086, 1355)
MAM	<i>Macropus fuliginosus</i> (Desmarest, 1817) [western grey kangaroo]; ; stomach, intestines, faeces; RU, zoo (Aust., Japan) (28, 31, 368, 369, 1086, 1273)
MAM	<i>Macropus giganteus</i> Shaw, 1790 [eastern grey kangaroo]; faeces, intestines; RU, zoo (Aust., USA) (135, 368, 369, 1468)
MAM	<i>Macropus rufogriseus</i> (Desmarest, 1817) [Bennett's wallaby]; intestines; zoo (Aust., UK) (31, 368, 1054, 1086)
MAM	<i>Macropus parma</i> Waterhouse, 1846 [parma wallaby]; liver; R2 (1355)
MAM	<i>Mus musculus</i> Linnaeus, 1758 [house mouse] syn. <i>M. domesticus</i> ; faeces; R6 (1654)
MAM	<i>Ornithorhynchus anatinus</i> (Shaw & Nodder, 1799) [platypus]; intestines; R2 (1538)
MAM	<i>Oryctolagus cuniculus</i> (Linnaeus, 1758) [rabbit]; caecum; RU (1060)
MAM	<i>Ovis aries</i> Linnaeus, 1758 [sheep]; gut; RU (692, 1059, 1060)
MAM	<i>Petaurus australis</i> Shaw, 1791 [yellow-bellied glider]; blood (+ PCR); R1, R2 (1780)
MAM	<i>Petrogale penicillata</i> (Gray, 1825) [brush-tailed rock-wallaby]; faeces; R1 (59)
MAM	<i>Petrogale lateralis</i> Gould, 1842 [black-footed rock-wallaby]; faeces; R1 (fauna park) (1082)
MAM	<i>Rattus norvegicus</i> (Berkenhout, 1769) [brown rat]; gut; RU (360, 692,)
MAM	<i>Rattus rattus</i> (Linnaeus, 1758) [black rat]; faeces; RU (360, 692)
MAM	<i>Sus scrofa</i> Linnaeus, 1758 [pig]; gut; RU (692, 1059, 1060)
MOL	<i>Pinctada maxima</i> (Jameson, 1901) [pearl oyster]; heart; R25 (1460, 1719)
MOL	<i>Striostrea mytiloides</i> (Lamarck, 1819) [tropical oyster, blacklip oyster]; ovary; R20 (10, 660, 1252, 1253)
REP	<i>Crocodylus porosus</i> Schneider, 1801 [estuarine or salt water crocodile]; gut; R1, R8 (1331)

Family: SARCOCYSTIDAE [tissue cyst-forming coccidia, heteroxenous life-cycles]

Besnoitia wallacei (Tadros & Laarman, 1976) Dubey, 1977

MAM	<i>Felis catus</i> Linnaeus, 1758 [cat]; faeces; R3, R26 (167, 733, 952, 1085, 1747, 1790)
MAM	<i>Mus musculus</i> Linnaeus, 1758 [house mouse]; heart, tongue, lungs (exptl. infection); R3 (733, 1790)
MAM	<i>Rattus norvegicus</i> (Berkenhout, 1769) [brown rat]; tissues; R3 (733)
MAM	<i>Rattus rattus</i> (Linnaeus, 1758) [black rat]; various tissues (exptl. infection); R3 (733)

***Besnoitia* sp.**

MAM	<i>Macropus fuliginosus</i> (Desmarest, 1817) [western grey kangaroo]; NR; RU (1790)
-----	--

***Frenkelia* sp.**

- AVE *Falco berigora* Vigors & Horsfield, 1827 [brown falcon]; intestines; RU (833)
 AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; intestines; RU (833, 1790)
 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]; NR (exptl. infection); R3 (853)
 MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (167, 731, 1085, 1790)
 MAM *Ovis aries* Linnaeus, 1758 [sheep]; NR (exptl. infection), antibodies (IFAT); R3 (848)
 MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; NR (exptl. infection), antibodies (ELISA); R2 (985)
 MAM *Mus musculus* Linnaeus, 1758 [house mouse]; muscles; R5 (546, 1790)
 MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; skeletal muscle; RU (731)

***Hammondia heydorni* (Tadros & Laarman, 1976) Dubey, 1977**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces, intestines; R4, R6 (1040, 1332, 1398)

***Hammondia* sp.**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; R2, R5 (167, 593)

***Neospora caninum* Dubey *et al.*, 1988**

- MAM *Bos taurus* Linnaeus, 1758 [ox]; central nervous system, foetal tissues (+ PCR)(+ culture), antibodies (IFAT, ELISA, Western blot); R1, R2, R3 (121, 313, 316, 912, 1288, 1289, 1513, 1548, 1614, 1620, 1663, 1692, 1702, 1763, 1832)
 MAM *Canis familiaris* Linnaeus, 1758 [dog]; central nervous system, skin (+ PCR), antibodies (IFAT); RU, R2, R3, R6 (49, 314, 316, 389, 856, 1620, 1692, 1763, 1833)
 MAM *Canis familiaris dingo* Linnaeus, 1758 (= *Canis lupus dingo*)[dingo]; faeces (+PCR); R2 (1801, 1837)
 MAM *Mus musculus* Linnaeus, 1758 [house mouse]; brain (+ PCR), antibodies (Western blot) (exptl. infection); R1, R2 (1290, 1546, 1548, 1613, 1751, 1782, 1837, 1865)
 MAM *Ovis aries* Linnaeus, 1758 [sheep]; central nervous system; R2 (316)

***Sarcocystis arieticanis* Heydorn, 1985**

- MAM *Ovis aries* Linnaeus, 1758 [sheep]; muscle; RU, R6 (312, 330, 854, 1039, 1041)

***Sarcocystis betrami* Doflein, 1901; syn. *S. equicanis* Rommel & Geisel, 1975**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (29, 167)
 MAM *Equus caballus* Linnaeus, 1758 [horse]; muscle; RU (29, 167)

***Sarcocystis bettongiae* Bourne, 1934**

- MAM *Bettongia lesueuri* (Quoy & Gaimard, 1824) [burrowing bettong]; skeletal muscle; R6 (122, 312, 606, 1790)

***Sarcocystis blanchardi* Doflein, 1901**

- MAM *Bos taurus* Linnaeus, 1758 [ox]; muscle; RU (570, 692, 1059)

***Sarcocystis capracanis* Fischer, 1979**

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (167)
 MAM *Capra hircus* Linnaeus, 1758 [goat]; muscles; R5 (167, 379, 886)

Sarcocystis cruzi (Hasselmann, 1923) Wenyon, 1926; syn. *S. bovicanis* Heydorn *et al.*, 1975

- MAM *Bos taurus* Linnaeus, 1758 [ox]; muscles, various organs, antibodies (IHAT, ELISA); R2, R5, R6 (167, 178, 312, 379, 568, 581, 692, 886, 1102, 1038, 1041, 1044, 1045, 1046)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU, R6 (167, 1041, 1043, 1044, 1047)
- MAM *Vulpes vulpes* (Linnaeus, 1758) [fox]; faeces; RU (167)

Sarcocystis cuniculi Brumpt, 1913

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R3 (167, 835, 1085)
- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; muscle; R3 (835)

Sarcocystis falcatula Stiles, 1893

- AVE *Barnardius zonarius* (Shaw, 1805) [Port Lincoln ringneck]; various tissues; zoo (USA) (480)
- AVE *Cacatua galerita* (Latham, 1790) [sulphur-crested cockatoo]; various tissues; zoo (USA) (480)
- AVE *Cacatua leadbeateri* (Vigors, 1831) [Major Mitchell cockatoo]; various tissues; zoo (USA) (480)
- AVE *Callocephalon fimbriatum* (Grant, 1803) [gang-gang cockatoo]; various tissues; zoo (USA) (480)
- AVE *Eclectus roratus* (Müller, 1776) [eclectus parrot]; various tissues; zoo (USA), aviary (USA) (480, 923, 1516)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; various tissues; zoo (USA) (480)
- AVE *Nymphicus hollandicus* (Kerr, 1792) [cockateil]; various tissues; zoo (USA) (480)
- AVE *Platycercus caledonicus* (Gmelin, 1788) [green rosella]; various tissues; zoo (USA) (480)
- AVE *Probosciger aterrimus* (Gmelin, 1788) [palm cockatoo]; various tissues; zoo (USA) (480)
- AVE *Purpureicephalus spurius* (Kuhl, 1820) [red-capped parrot]; various tissues; zoo (USA) (480)

Sarcocystis fayeri Dubey *et al.*, 1977

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; faeces; RU (29, 167)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; muscle; RU (29, 167)

Sarcocystis fusiformis (Railliet, 1897) Bernard & Bauche, 1912

- MAM *Bubalus bubalis* (Linnaeus, 1758) [water buffalo]; muscles; RU (167)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (167, 1085)

Sarcocystis gigantea (Railliet, 1886) Ashford, 1977; syn. *Balbiana gigantea* Railliet, 1886; syn. *S. ovifelis* Heydorn *et al.*, 1975

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces, intestines; RU, R3, R5 (167, 376, 814, 843, 854, 908, 997, 1085)
- MAM *Ovis aries* Linnaeus, 1758 [sheep]; muscle, antibodies (CFT, IFAT, ELISA); R1, R2, R3, R4, R5, R6 (24, 167, 330, 376, 377, 379, 435, 525, 531, 549, 568, 569, 570, 692, 766, 814, 837, 838, 843, 844, 854, 886, 887, 892, 895, 908, 1060, 1102, 1131, 1133, 1135, 1236)

Sarcocystis hirsuta Moule, 1888; syn. *S. bovipfelis* 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 Dissanaïke & Kan, 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. *Balbiana mucosa* Blanchard, 1885

- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; gut wall; R1, R3 (312, 520, 890, 1790)
 MAM *Petrogale inornata* Gould, 1842 [unadorned rock-wallaby]; gut wall; R1 (312, 890, 1790)
 MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; colonic submucosa, zoo (EUR) (96, 97, 230, 606, 617, 663, 782, 872, 1234, 1790)
 MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; intestinal submucosa; R3 (520, 1790)

Sarcocystis murinotechis Munday & Mason, 1980

- MAM *Mastacomys fuscus* Thomas, 1882 [broad-toothed rat]; heart, skeletal muscle, lung, kidney; R3 (836, 1861)
 MAM *Pseudomys higginsi* (Trouessart, 1897) [long-tailed mouse]; heart, skeletal muscle, lung, kidney; R3 (836, 1861)
 MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat]; heart, skeletal muscle, lung, kidney; RU (836, 1861)
 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, 1861)
 MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; heart, skeletal muscle, lung, kidney; RU (836, 1861)
 REP *Notechis ater* (Krefft, 1866) [black tiger snake]; intestine; RU (836, 1790, 1861)

Sarcocystis muris (Railliet, 1886) Labbe, 1899

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (1085)
 MAM *Mus musculus* Linnaeus, 1758 [house mouse]; muscle (exptl. infection); R5 (886, 1130)
 MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; muscle; RU, R2 (568, 569, 570, 583, 692)
 MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; muscle, R2 (569, 568, 570, 583, 692)

Sarcocystis porcifelis Dubey, 1976

- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; RU (1085)

Sarcocystis pythonis Tiegs, 1931

- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; muscle; RU (606, 1157)
- Sarcocystis rzepezykii*** Duszynski & Upton, 2009; muscle; RU (1861)
- MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat, allied rat] ; muscle; RU (1861)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet & diamond pythons]; faeces; RU (1861)
- Sarcocystis singaporensis*** Zaman & Colley, 1975
- MAM *Rattus colletti* (Thomas, 1904) [dusky rat]; muscles (+ exptl. infection); RU (Eur) (1861, 1869)
- MAM *Rattus villosissimus* (Waite, 1898) [long-haired rat]; muscles (+ exptl. infection); RU (Eur) (1861, 1869)
- REP *Aspidites melanocephalus* (Krefft, 1864) [black-headed python]; faeces; RU (1861)
- REP *Python reticulatus* (Schneider, 1801) [reticulated python]; faeces; RU (1861)
- 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 villivillosi*** Beaver & Maleckar, 1981
- REP *Aspidites melanocephalus* (Krefft, 1864) [black-headed python]; faeces; RU (1861)
- REP *Python reticulatus* (Schneider, 1801) [reticulated python]; faeces; RU (1861)
- Sarcocystis* sp.**
- AVE *Accipiter fasciatus* (Vigors & Horsfield, 1827) [brown goshawk]; muscle; RU (446, 833, 1790)
- AVE *Anas gibberifrons* Müller, 1842 [grey teal]; muscle; RU (833)
- AVE *Anas superciliosa* Gmelin, 1789 [Pacific black duck]; muscle; RU (833)
- AVE *Anhinga rufa* (Daudin, 1802) [darter]; muscle; RU (833, 1790)
- AVE *Anseranus semipalmata* (Latham, 1798) [magpie goose]; muscle; RU (833)
- AVE *Ardea pacifica* Latham, 1801 [Pacific heron]; muscle; RU (833)
- AVE *Catharacta lonnbergi* Mathews, 1912 [skua]; muscle; RU (833, 1790)
- 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, 1790)
- 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, 1790)
- AVE *Egretta alba* (Linnaeus, 1758) [great egret]; muscle; RU (833)
- AVE *Elanus notatus* Gould, 1838 [black-shouldered kite]; muscle; RU (446, 833, 1790)
- AVE *Emblema bella* (Latham, 1801) [beautiful firetail]; muscle; RU (833)
- AVE *Falco berigora* Vigors & Horsfield, 1827 [brown falcon]; muscle, intestines; RU (833, 1790)
- AVE *Fulica atra* Linnaeus, 1758 [Eurasian coot]; muscle; RU (833, 1790)
- AVE *Gallinula mortierii* (Dubois, 1840) [Tasmanian native hen]; muscle; RU (833, 1790)
- 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, 1790)
- 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, 1790)
- 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, 1790)
- AVE *Nycticorax caledonicus* (Gmelin, 1789) [rufous night heron]; muscle; RU (833)
- AVE *Nymphicus hollandicus* (Kerr, 1792) [cockateil]; brain; pet shop (USA) (1474)
- 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, 1790)
- 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, 1790)
- AVE *Platycercus elegans* (Gmelin, 1788) [crimson rosella]; muscle; RU (833)
- AVE *Platycercus eximius* (Shaw, 1792) [eastern rosella]; muscle RU (446, 833, 1790)
- AVE *Poliiocephalus poliocephalus* (Jardine & Selby, 1827) [hoary-headed grebe]; muscle; RU (833, 1790)
- 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, 1790)
- AVE *Sericornis frontalis* (Vigors & Horsfield, 1827) [white-browed scrubwren]; muscle; RU (833)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; muscle; RU (833, 1790)
- 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 caeruleascens* Latham, 1801 [silver-eye]; muscle; RU (833, 1790)
- MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; muscle; RU (826, 830, 1726)
- MAM *Antechinus swainsonii* (Waterhouse, 1840) [dusky antechinus]; muscle; RU (826, 830, 1726)
- 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, R4, R6, R8 (95, 167, 220, 312, 371, 373, 375, 593, 692, 763, 815, 819, 823, 1040, 1148, 1332, 1398)
- MAM *Capra hircus* Linnaeus, 1758 [goat]; muscles, adrenals, kidney, lung, brain, antibodies (CFT); R1, R5, R10 (469, 1530)
- MAM *Dasyurus hallucatus* (Gould, 1842) [northern quoll]; muscle, tongue; RU, R9 (606, 692, 1577, 1726, 1790)
- MAM *Dasyurus maculatus* (Kerr, 1792) [tiger quoll]; faeces; RU (830, 1790)
- MAM *Delphinus* sp. [dolphin]; muscle; RU (830, 1790)
- MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; muscle; R1 (1086, 1790)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R2, R3, R5, R26 (220, 312, 373, 375, 424, 828, 830, 840, 1747, 1837, 1863)
- MAM *Homo sapiens* Linnaeus, 1758 [human], muscle, antibodies (ELISA), faeces; R1, R2, R5 (692, 763, 861, 924, 925)
- MAM *Hydromys chrysogaster* Geoffroy, 1804 [water rat]; muscle; RU, R1 (830, 1074, 1790)
- MAM *Isodon macrourus* (Gould, 1842) [northern brown bandicoot]; muscle; RU (830)
- MAM *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot]; skeletal muscle; RU (606, 691)
- MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; skeletal muscle; RU (830, 1083, 1086, 1790)

- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; muscle; RU (826, 830, 1790)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby, red-necked wallaby]; gut wall, muscle; RU, zoo (UK) (606, 826, 830, 1054, 1165, 1790)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; muscle; RU, R4 (30, 826, 830, 1086, 1790)
- MAM *Mastacomys fuscus* Thomas, 1882 [broad-toothed rat]; muscle; RU (830, 1790)
- MAM *Melomys cervinipes* (Gould, 1852) [fawn-footed melomys]; muscle; R1 (830, 1790)
- 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 *Parantechinus bilarni* (Johnson, 1954) [sandstone antechinus] syn. *A. bilarni*; muscle; RU (1726) [erroneously cited as *Pseudantechinus bilarni*]
- MAM *Peradorcas concinna* Gould, 1842 [narbarlek]; muscle; RU (826, 830, 1086, 1790)
- 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, 1790)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; muscle; RU (826)
- MAM *Physeter macrocephalus* Linnaeus, 1758 [sperm whale] syn. *P. catadon*; muscle; RU (754, 830, 917, 1790)
- MAM *Planigale maculata* (Gould, 1851) [common planigale]; NR, muscle; RU, R2 (1726, 1790, 1868)
- MAM *Pseudantechinus macdonnellensis* (Spencer, 1896) [fat-tailed antechinus]; muscle; RU (1726)
- MAM *Parantechinus rosamondae* (Ride, 1964) [little red antechinus] syn. *Antechinus rosamondae*; muscle; RU, R2 (1726, 1868) [cited as *Dasykaluta rosamondae* in (1726)]
- MAM *Pseudantechinus ningbing* Kitchner, 1988 [Ninbing pseudantechinus]; muscle; RU (1726)
- MAM *Pseudocheirus archeri* (Collett, 1884) [green ringtail possum]; muscle; RU (830, 1084, 1790)
- MAM *Pseudomys higginsii* (Trouessart, 1897) [long-tailed mouse]; muscle; RU (830, 1790)
- MAM *Pteropus poliocephalus* Temminck, 1825 [grey-headed flying-fox]; NR; RU (1790)
- MAM *Rattus fuscipes* (Waterhouse, 1839) [bush rat]; skeletal muscle; RU, R1 (606, 830, 1033, 1034, 1790)
- MAM *Rattus lutreolus* (Gray, 1841) [swamp rat]; muscle; R1, R3 (754, 830, 1790)
- 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, 1790)
- MAM *Rattus* sp.; diaphragm; R1 (398)
- MAM *Sarcophilus harrisii* (Boitard, 1841) [Tasmanian devil]; faeces, muscle; R3 (830, 1726, 1790)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; muscles; R3, R4 (754, 818)
- MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; muscle; RU (826, 830, 1790)
- MAM *Trichosurus caninus* (Ogilby, 1836) [mountain brushtail possum]; muscle; R1, R2 (830, 969, 973, 1696, 1790)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; muscle; R1, R2 (830, 970, 973, 1696, 1790)
- MAM *Uromys caudimaculatus* (Krefft, 1867) [white-tailed rat]; muscle; R1 (830, 1790)
- MAM *Vulpes vulpes* (Linnaeus, 1758) [fox]; faeces; R5 (375)
- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; muscle; RU, R2 (830, 1086, 1306, 1790)
- REP *Amphibolurus barbatus* (Cuvier, 1829) [bearded dragon]; muscle; RU (606, 1790)

- REP *Austrelaps superbis* (Gunther, 1858) [copperhead]; intestines; RU (833)
- REP *Boiga irregularis* (Merrem, 1802) [brown tree snake]; faeces; R1 (1358)
- REP *Leioposisma metallicum* (O'Shaughnessy, 1874) [metallic skink]; muscle; RU (833, 1790)
- REP *Morelia spilotes* (Lacepede, 1804) [carpet python]; faeces, small intestines; R1, R4 (743, 899, 1033, 1790)
- REP *Notechis ater* (Krefft, 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, 1790)
- REP *Varanus varius* (White, 1790) [lace monitor]; muscle; RU (833)
- Toxoplasma gondii*** (Nicolle & Manceaux, 1908) Nicolle & Manceaux, 1909
- ANN *Lumbricus rubellus* Hoffmeister, 1843 [earthworm]; NR (paratenic host); R3 (1305)
- ANN *Perionyn excavatus* (Perrier, 1872) [earthworm]; NR (paratenic host); R3 (1305)
- AVE *Casuaris casuaris* (Linnaeus, 1758) [southern cassowary]; brain, antibodies (MAT); RU, zoo (USA) (1106, 1585, 1790)
- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; NR; RU (167)
- AVE *Corvus mellori* Matthews, 1912 [little raven]; NR; RU (167)
- AVE *Ducula spilorrhoea* Gray, 1858 [Torres Strait pigeon]; lung, spleen, brain; R4, R6 (463, 1396, 1790)
- AVE *Eudyptula minor* (Forster, 1781) [little penguin]; liver, spleen; R3 (1535)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; muscles; RU (167, 801)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; brain, intestines, kidney, liver, lung, muscles (exptl. infection); lab (USA) (1394)
- AVE *Platycercus elegans* (Gmelin, 1788) [crimson rosella]; lung; R1 (463, 1396, 1790)
- AVE *Polytelis anthopeplus* (Lear, 1831) [regent parrot]; lung, liver, spleen; R5 (463, 1790)
- AVE *Ptilorhynchus violaceus* (Vieillot, 1816) [satin bowerbird]; liver, spleen, intestine; R5 (463, 1396, 1790)
- AVE *Pycnonotus jocosus* (Linnaeus, 1758) [red-whiskered bulbul]; liver, spleen, muscle; R2 (463, 1396, 1790)
- AVE *Sericulus chrysocephalus* (Lewin, 1808) [regent bowerbird]; liver, spleen, intestine; R2 (463, 1396, 1790)
- AVE *Serinus canaria* Linnaeus, 1758 [canary]; central nervous system; RU, R2 (167, 667, 1396)
- MAM *Antechinus stuartii* Macleay, 1841 [brown antechinus]; tissue cysts; RU (38, 1790)
- 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 *Bettongia penicillata* Gray, 1837 [brush-tailed bettong, woylie]; brain, heart (PCR); R1, R6 (1355, 1701, 1790, 1797)
- MAM *Canis familiaris dingo* Linnaeus, 1758 [dingo]; antibodies (DAT); R2 (555, 1790)
- MAM *Canis familiaris* Linnaeus, 1758 [dog]; various tissues (brain, heart, kidney, lung, liver, adrenal gland), antibodies (CFT, HAT); RU, R1, R2, R4 (167, 224, 310, 459, 692, 1059, 1060, 1222, 1238, 1247, 1398)
- MAM *Capra hircus* Linnaeus, 1758 [goat]; various tissues (+ PCR), antibodies (IFAT, IHAT); RU, R2, R3, R6 (167, 747, 831, 853, 875, 910, 1102, 1797)
- MAM *Dasyercus* (syn. *Dasyuroides*) *byrnei* (Spencer, 1896) [kowari]; tissue cysts, RU, R2 (38, 1544, 1790, 1868)
- MAM *Dasyercus cristicauda* (Krefft, 1867) [mulgara]; tissue cysts; RU, R2 (38, 1790, 1868)
- MAM *Dasyurus viverrinus* (Shaw, 1800) [eastern quoll]; antibodies (MAT); R3 (1882)
- MAM *Dasyurus maculatus* (Kerr, 1792) [tiger quoll, spotted-tail quoll]; antibodies (MAT); R3 (1882)
- MAM *Dendrolagus lumholtzi* Collett, 1884 [Lumholtz's tree-kangaroo]; NR, R6, zoo (Aust.) (167,

- 1790)
- MAM *Equus caballus* Linnaeus, 1758 [horse]; muscle, antibodies (CFT); R1, R6 (167, 224, 310, 1797)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces, various tissues (+ PCR), antibodies (LAT, MAT, HAT, DAT, IHAT, IFAT, ELISA), R1, R2, R3, R4, R5, R6, R8, R26 (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, 1294, 1665, 1675, 1710, 1747, 1797, 1837, 1863, 1882)
- 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, 1387, 1483, 1488, 1649, 1675)
- 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, 1790)
- MAM *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot]; lung, brain, antibodies (CFT); R1 (224, 826, 961, 962, 1060, 1790)
- MAM *Lasiorhinus latifrons* (Owen, 1845) [southern hairy-nosed wombat]; NR; RU (303)
- MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; heart; RU (1083, 1086, 1790)
- MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; various tissues (+ PCR)(+ culture), antibodies (IHAT, DAT, MAT); R2, R3, R5, R6, zoo (EUR, USA) (167, 296, 297, 519, 528, 944, 985, 986, 1355, 1529, 1579, 1790)
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; various tissues (+ PCR), antibodies (IHA, LAT, MAT, DT, ELISA); R2, R6, zoo (USA) (309, 310, 1355, 1496, 1701, 1790, 1797)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; various tissues, antibodies (IHAT); RU, R1, zoo (USA) (528, 944, 1086, 1355, 1790)
- MAM *Macropus parma* Waterhouse, 1846 [parma wallaby]; various organs; R6, zoo (Aust., USA) (167, 310, 1240, 1355, 1790)
- MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby]; NR; RU (1790)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; lungs, antibodies (IHAT, CSFA); zoo (USA) (100, 310, 1002, 1790)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; various tissues (+ PCR)(+ culture), antibodies (DAT, MAT, ELISA), R1, R3, R6, zoo (USA, UK, EUR) (31, 36, 167, 310, 434, 521, 551, 553, 725, 784, 826, 981, 1086, 1102, 1355, 1579, 1790, 1797, 1882)
- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; brain, tissues, liver, peritoneum (+ exptl.), antibodies (DT); R1, R2, R3, R5, R6 (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, 1483, 1547, 1649, 1797, 1871)
- MAM *Neophoca cinerea* (Peron, 1816) [Australian sea-lion]; heart; RU (348, 1790)
- MAM *Onychogalea fraenata* (Gould, 1841) [bridled nail-tail wallaby]; antibodies (LAT); R1 (1686)
- MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; NR, antibodies (DT); R3 (1649)
- 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] syn. *Antechinus apicalis*; tissue cysts; RU, R2 (38, 1790, 1868)
- MAM *Pseudantechinus macdonnellensis* (Spencer, 1896) [fat-tailed antechinus] syn. *Antechinus macdonnellensis*; tissue cysts; RU, R2 (38, 1790, 1868)
- MAM *Perameles gunnii* Gray, 1838 [eastern barred bandicoot]; various tissues, central nervous system, antibodies (DAT, MAT)(+ exptl. infection); R2, R3 (911, 1304, 1305, 1549, 1578,

- 1790)
- MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; brain, antibodies (CFT); R1 (224, 826, 961, 962, 1790)
- MAM *Petrogale penicillata* (Gray, 1825) [brush-tailed rock-wallaby]; antibodies (MAT); R1 (1916)
- MAM *Petrogale xanthopus* Gray, 1855 [yellow-footed rock-wallaby]; NR; RU (310, 1790)
- MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; various tissues (heart, brain, liver, spleen, lymph nodes, bladder, kidney, adrenal glands); RU, R1, zoo (Aust., USA) (31, 168, 288, 462, 826, 899, 1397, 1790)
- MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed rat-kangaroo]; lungs, liver, muscle, antibodies (IHAT); zoo (USA) (528, 944, 1790)
- MAM *Rattus fuscipes* (Waterhouse, 1839) [allied rat]; various organs, antibodies (CFT); R1 (167, 224, 692, 961, 1790)
- MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; brain, antibodies (CFT, DT); R1 (224, 692, 961, 1649)
- MAM *Rattus* sp.; diaphragm, brain; R1 (398)
- MAM *Sarcophilus harrisi* (Boitard, 1841) [Tasmanian devil]; antibodies (MAT); R3 (1882)
- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; muscle, brain, kidney, antibodies (DT); R2, R6 (167, 310, 390, 826, 1086, 1355, 1790)
- MAM *Sminthopsis crassicaudata* (Gould, 1844) [fat-tailed dunnart]; tissue cysts; RU, R2 (38, 1790, 1868)
- MAM *Sminthopsis laniger* (Gould, 1856) [kultarr] syn. *Antechinomys laniger*; tissue cysts; RU, R2 (38, 1790, 1868)
- MAM *Sminthopsis leucopus* (Gray, 1842) [white-footed dunnart]; tissue cysts; RU, R2 (38, 1790, 1868)
- MAM *Sminthopsis macroura* (Gould, 1845) [stripe-faced dunnart]; tissue cysts; RU, R2 (38, 1790, 1868)
- MAM *Sousa chinensis* (Osbeck, 1765) [Indo-Pacific hump-backed dolphin]; brain, lungs, heart, liver, spleen, adrenal gland (+ immunohistochemistry, + EM); R21 (1317, 1790)
- MAM *Suricata suricatta* (Schreber, 1776) [meerkat]; brain (PCR), R6 (1797)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; muscles; antibodies (IFAT, DT); R3, R5 (167, 307, 310, 550, 817, 1019, 1085, 1649, 1837)
- MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; various tissues, antibodies (DT, DAT, MAT, ELISA); R3 (31, 167, 551, 553, 811, 826, 905, 1086, 1355, 1790, 1882)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; NR; R1, R2 (1696)
- MAM Unidentified kangaroo species; muscles (PCR); R6 (1797)
- MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; various organs (+ PCR), antibodies (DAT); RU, R2 (28, 31, 168, 303, 972, 1102, 1641, 1790, 1797)
- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; various organs; RU, R1, zoo (USA), (310, 1141, 1086, 1355, 1790)

Toxoplasma wenyoni Coutelen, 1932

- MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; brain; zoo (UK) (229, 310, 1449)

***Toxoplasma* sp.**

- AVE *Corvus coronoides* (Vigors & Horsfield, 1827) [Australian raven]; various tissues; R1 (224)
- AVE *Eudyptula minor* (Forster, 1781) [little penguin]; NR; RU (1396, 1790)
- AVE *Falco peregrinus* Tunstall, 1771 [Peregrine falcon]; NR; RU (1790)
- AVE *Leucosarcia melanoleuca* (Latham, 1801) [wonga pigeon]; liver, spleen, intestines, lung; R2 (463, 989, 1396, 1790)
- AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; NR; RU (1790)
- AVE *Ninox strenua* (Gould, 1838) [powerful owl]; liver, lung; R2 (989, 1790)

- AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth, mopoke]; NR; RU (1790)
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; leucocytes; R2 (641, 1059)
- AVE *Polytelis swainsonii* (Desmarest, 1826) [superb parrot]; liver, lung, spleen; R2 (463, 989, 1790)
- MAM *Antechinus minimus* (Geoffroy, 1803) [swamp antechinus]; NR; RU (826, 1790)
- MAM *Antechinus swainsonii* (Waterhouse, 1840) [dusky antechinus]; NR; RU (826, 1790)
- MAM *Dasyurus* sp.; various tissues, immunolabelling; RU (168, 1726)
- MAM *Dasyurus viverrinus* (Shaw, 1800) [eastern quoll]; lung; RU (1059, 1790)
- MAM *Dugong dugon* (Müller, 1776) [dugong]; NR; RU (1790)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; various organs; RU, zoo (USA) (438, 528, 1086, 1790)
- MAM *Macropus* sp.; various tissues, antibodies (IHAT); RU, zoo (USA) (168, 981, 1002)
- MAM *Macrotis lagotis* (Reid, 1837) [bilby]; various tissues; RU (168, 1790)
- MAM *Melomys cervinipes* (Gould, 1852) [fawn-footed melomys]; brain, antibodies (CFT); R1 (224, 1790)
- MAM *Melomys littoralis* (Lonnberg, 1916) [climbing rat]; antibodies (CFT); R1 (224, 1790)
- MAM *Myrmecobius fasciatus* Waterhouse, 1836 [numbat]; various tissues; RU (168, 1790)
- MAM *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; heart; RU, R2 (1538, 1790)
- 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, 1790)
- MAM *Pseudocheirus* sp.; various tissues, immunolabelling; RU (168)
- MAM *Rattus lutreolus* (Gray, 1841) [swamp rat]; NR; RU (1790)
- MAM *Rattus sordidus* (Gould, 1858) [canefield rat]; antibodies (CFT); R1 (224)
- MAM *Rattus rattus* (Linnaeus, 1758) [black rat]; antibodies (CFT); R1 (224)
- MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; brain, lung, liver, spleen, kidney; R2 (1545, 1790)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; brain, heart, antibodies (CFT); R1, R2 (224, 826, 970, 973, 1060, 1455, 1790)
- MAM *Uromys caudimaculatus* (Kreffft, 1867) [white-tailed rat]; antibodies (CFT); R1 (224)

Unidentified coccidian sp.

- MAM *Bos taurus* Linnaeus, 1758 [ox]; foetal brain; R2 (941)
- MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; adipose tissue; R4 (315)
- MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; lung, liver, kidney, heart, spleen, intestines; R2 (1395, 1545)

Class: HAEMATOZOA [rudimentary apical complex, motile zygote (kinete)]

Order: HAEMOSPORIDA [parasites in blood of vertebrates, insect vectors]

Family: PLASMODIIDAE

Billbraya australis Paperna & Landau, 1990

REP *Phyllodactylus marmoratus* (Gray, 1845) [marbled gecko]; blood; R5 (927, 1380)

Fallisia copemani Paperna & Landau, 1990

REP *Carlia rhomboidalis* (Peters, 1869) [blue-throated rainbow-skink]; blood; R1 (928, 929, 1048, 1127)

Haemocystidium chelodinae Johnston & Cleland, 1909

- REP *Chelodina longicollis* (Shaw, 1794) [long-necked tortoise]; blood; R1 (211, 564, 570, 572, 575, 577, 695)
- REP *Chelodina oblonga* Gray, 1841 [oblong turtle]; blood; R2 (211, 575, 577, 695)
- REP *Elseya dentata* (Gray, 1863) [northern snapping turtle]; blood; R1 (695)
- REP *Elseya latisternum* Gray, 1867 [saw-shelled turtle]; blood; R1 (695)
- REP *Emydura krefftii* (Gray, 1871) [Krefft's river turtle]; blood; R1 (211, 212, 572, 575, 695)
- REP *Emydura macquarii* (Gray, 1830) [Murray turtle]; blood; R2 (577, 581, 695)

***Haemocystidium* sp.**

- REP *Oedura tyroni* De Vis, 1884 [southern spotted velvet gecko]; blood; R1 (577, 581)

Haemoproteus apodus Bennett, Caines & Whiteway, 1986

- AVE *Hirundapus caudacutus* (Latham, 1801) [white-throated needletail]; blood; R1 (1280)

Haemoproteus burhini Bennett, Earle & Squires-Parsons, 1995

- AVE *Burhinus grallarius* (Latham, 1801) [bush stone-curlew, bush thick-knee] syn. *B. magirostris*; blood; R1 (1280)

Haemoproteus centropi de Mello, 1936

- AVE *Centropus phasianus* (Latham, 1801) [pheasant coucal]; blood; R1 (1280, 1594)
- AVE *Eudynamys scolopacea* (Linnaeus, 1758) [common koel]; blood; R1 (1280)

Haemoproteus chelodinae (Johnston & Cleland, 1909) syn. *Haemocystidium chelodinae*

- REP *Elseya latisternum* Gray, 1867 [saw-shelled turtle]; blood; R1 (1476, 1477)
- REP *Emydura signata* Ahl, 1932 [short-necked tortoise]; blood; R1 (1477)

Haemoproteus clamator Peirce & Adlard, 2005

- AVE *Eudynamys scolopacea* (Linnaeus, 1758) [common koel]; blood; R1 (1594)

Haemoproteus columbae Kruse, 1890

- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; blood, lung; R1, R6 (694, 1280, 1517, 1596)
- AVE *Leucosarcia melanoleuca* (Latham, 1801) [wonga pigeon]; blood; R1 (1280, 1517)
- AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; blood; R1 (1280)
- AVE *Ptilinopus superbus* (Temminck, 1810) [superb fruit-dove]; blood; R1 (128, 217, 581, 694)

Haemoproteus coraciae de Mello & Afonso, 1935

- AVE *Eurystomus orientalis* (Linnaeus, 1766) [dollarbird]; blood; R1 (1280)

Haemoproteus cuculis Peirce & Adlard, 2005

- AVE *Eudynamys scolopacea* (Linnaeus, 1758) [common koel]; blood; R1 (1594)

Haemoproteus danilewskyi Kruse, 1890; syn. *Plasmodium danilewskyi* Grassi & Feletti, 1890

- AVE *Acanthochaera chrysoptera* (Latham, 1801) [little wattlebird]; blood; R1 (217, 579, 581, 694, 1371)
- AVE *Ardea novaehollandiae* Latham, 1790 [white-faced heron]; blood; R1 (128, 217, 581, 694)
- AVE *Chlamydera nuchalis* (Jardine & Selby, 1830) [great bowerbird]; blood; R1 (128, 217, 581, 694, 1371)
- AVE *Corvus orru* Bonaparte, 1851 [Torresian crow]; blood; R1 (1280)
- AVE *Cracticus destructor* Temminck, 1824 [butcherbird]; blood; R1 (128, 217, 581, 1371)
- AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; blood; R1 (128, 694)

- AVE *Dicrurus hottentottus* (Linnaeus, 1766) [spangled drongo]; blood; R1 (128, 217, 581, 694)
 AVE *Eudynamys cyanocephala* Latham, 1801 [cuckoo]; blood; R1 (128, 217, 581, 1371)
 AVE *Eudynamys orientalis* (Linnaeus, 1766) [koel]; blood; R1 (694)
 AVE *Gymnorhina leuconota* (Gould, 1837) [white-backed magpie]; blood; zoo (UK) (579, 694, 959)
 AVE *Haliastur girrenera* Vieillot, 1817 [white-headed sea-eagle]; blood; R1 (128, 217, 581, 694)
 AVE *Megalurus gramineus* (Gould, 1845) [little grassbird]; blood; R1 (128, 217, 581, 694)

Haemoproteus fallisi Bennett & Campbell, 1972

- AVE *Zoothera dauma* (Latham, 1801) [White's thrush, mountain thrush, ground thrush] syn. *Oreocichla lunulata*, *Geocichla lunulata*, *Zoothera lunulata*; blood; R1 (1280)

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, 1371)

Haemoproteus halcyonis de Mello, 1936

- AVE *Halycon sancta* Vigors & Horsfield, 1827 [sacred kingfisher] syn. *Todirhamphus sanctus*; blood, skeletal muscle; R1 (1280, 1596)

Haemoproteus mackerrasi Paperna & Landau, 1991; syn. *Haemocystidium simondi* Castellani & Willey, 1904; syn. *Haemoproteus simondi* (Castellani & Willey) Wenyon, 1926

- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; blood; R1 (40, 695, 1380)
 REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; blood; R1 (40, 695, 930, 1586)
 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 mathislegeri Levine & Campbell, 1971

- AVE *Nycticorax caledonicus* (Gmelin, 1789) [rufous night heron]; blood; R1 (1280)

Haemoproteus megapodius Nandi & Mandal, 1980

- AVE *Alectura lathamii* Gray, 1831 [Australian brush turkey]; blood; R1 (1280)

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, 1371, 1693)
 AVE *Anas gibberifrons* Muller, 1842 [grey teal]; blood; R2 (74)
 AVE *Anas superciliosa* Gmelin, 1789 [Pacific black duck]; blood; R2 (74, 694)
 AVE *Anser anser domesticus* Linnaeus 1758 [domestic goose]; blood; RU (801)
 AVE *Chenonetta jubata* (Latham, 1801) [maned duck]; blood; R2 (74)
 AVE *Tadorna tadornoides* (Jardine & Selby, 1828) [chestnut-breasted shelduck]; blood; R2, zoo (UK) (74, 579, 694, 959)

Haemoproteus nisi Peirce & Marquiss, 1983

- AVE *Aquila audax* (Latham, 1801) [wedge-tailed eagle]; blood; R1 (1280)

Haemoproteus noctuae Celli & San Felice, 1891

- AVE *Ninox boobook* Latham, 1801 [boobook owl]; blood; R1 (128, 217, 581, 1280, 1371)
 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, 1371)

Haemoproteus oedurae Paperna & Landau, 1991

- REP *Oedura castelnaui* (Thomiot, 1889) [northern velvet gecko]; blood; R1 (930, 1586)

Haemoproteus pelouroi Tendeiro, 1947

- AVE *Threskiornis molucca* Cuvier, 1829 [white ibis]; blood; R1 (1280)

Haemoproteus phodili Bishop & Bennett, 1989

- AVE *Tyto alba* (Scopoli, 1769) [barn owl]; blood; R1 (1280)

Haemoproteus ptilotis (Cleland & Johnston, 1909) Bennett *et al.*, 1994; syn. *Haemoproteus philemon* (Cleland & Johnston, 1909) Coatney, 1936; syn. *Halteridium philemon* Cleland & Johnston, 1909; syn. *Halteridium ptilotis* Cleland & Johnston, 1909

- AVE *Lichenostomus chrysops* (Latham, 1801) [yellow-faced honeyeater]; blood; R2 (206, 208, 211, 216, 217, 570, 571, 578, 579, 694, 1693)
 AVE *Lichenostomus fuscus* (Gould, 1837) [brown honeyeater]; blood; R1 (210, 217, 579, 581, 694, 1371)
 AVE *Lichenostomus melanops* (Latham, 1801) [yellow-tufted honeyeater]; blood; zoo (UK) (694, 960)
 AVE *Lichenostomus penicillatus* (Gould, 1837) [white-plumed honeyeater]; blood; R4 (694, 1371)
 AVE *Lichenostomus plumulus* (Gould, 1841) [yellow-fronted honeyeater]; blood; R6 (208, 211, 212, 217, 571, 578, 579, 694, 1371)
 AVE *Lichenostomus virescens* (Vieillot, 1817) [singing honeyeater]; blood; R5 (210, 217, 579)
 AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood; R1 (75, 1280)
 AVE *Philemon corniculatus* (Latham, 1790) [noisy friarbird]; blood, heart, spleen; R1, R2 (128, 206, 208, 210, 211, 217, 570, 571, 578, 579, 581, 694, 1280, 1596)
 AVE *Phylidonyris novaehollandiae* (Latham, 1790) [yellow-winged honeyeater]; blood; R2 (206, 208, 211, 217, 570, 571, 578, 579, 694)

Haemoproteus syrni (Mayer, 1911) emend. Coatney, 1936

- AVE *Ninox boobook* Latham, 1801 [boobook owl]; blood; R1 (1280)

Haemoproteus underwoodsauri Paperna & Landau, 1991

- REP *Underwoodsaurus milii* (Bory de Saint-Vincent, 1825) [thick-tailed gecko]; blood; R5 (930)

Haemoproteus zosteropsis Chakravarty & Kar, 1945 emend. Bennett & Peirce, 1981

- AVE *Zosterops caeruleascens* Latham, 1801 [silver-eye]; blood; R1 (1280)

Haemoproteus sp.

- AVE *Acanthogenys rufogularis* Gould, 1838 [spiny-cheeked honeyeater]; blood; R4 (217, 216, 694, 1371)
 AVE *Acanthorhynchus tenuirostris* (Latham, 1801) [eastern spinebill]; blood; R1 (1293)
 AVE *Ailuroedus (Scenopoeetes) dentiostriis* (Ramsay, 1875) [tooth-billed catbird]; blood; R1 (1293)
 AVE *Ailuroedus melanotis* (Gray, 1858) [spotted catbird]; blood; R1 (1293)
 AVE *Alectura lathami* Gray, 1831 [Australian brush turkey]; blood; R1 (210, 216, 217, 579, 581, 694, 1371, 1790)

- AVE *Aphelocephala leucopsis* (Gould, 1840) [southern whiteface]; blood; R5 (210, 217, 579, 694, 1371, 1790)
- AVE *Ardeotis australis* (Gray, 1829) [plain turkey]; blood; R1 (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 *Colluricincla boweri* (Ramsay, 1885) [Bower's shrike-thrush]; blood; R1 (1293)
- AVE *Colluricincla megarhyncha* (Quoy & Gaimard, 1830) [little shrike-thrush]; blood; R1 (1293)
- AVE *Columba livia* Gmelin, 1789 [domestic pigeon]; blood; R1 (899)
- AVE *Corvus orru* Bonaparte, 1851 [Torresian crow]; blood; R1 (899, 1790)
- AVE *Cracticus nigrogularis* (Gould, 1837) [pied butcherbird]; blood, liver; R1 (1280, 1596, 1790)
- AVE *Dacelo novaeguineae* (Hermann, 1783) [kookaburra]; blood; R1, R2 (217, 571, 578, 579, 694, 1232, 1280, 1790)
- 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, 1371)
- AVE *Eopsaltria australis* (Shaw, 1790) [eastern yellow robin]; blood; R1 (1293)
- AVE *Eudynamys cyanocephala* Latham, 1801 [cuckoo]; blood; R1 (217, 1371)
- AVE *Eudynamys scolopacea* (Linnaeus, 1758) [common koel]; blood; R1 (899, 1790)
- AVE *Falco cenchroides* Vigors & Horsfield, 1827 [Nankeen kestrel]; blood; R1 (899, 1790)
- AVE *Gallinula tenebrosa* Gould, 1846 [dusky moorhen]; blood; R1 (1280)
- AVE *Gerygone albogularis* (Gould, 1838) [white-throated gerygone]; blood; RU, R1 (216, 217, 1371)
- AVE *Gerygone olivacea* (Gould, 1838) [white-throated gerygone]; blood; R1 (694, 1790)
- AVE *Grallina picata* Latham, 1801 [Australian magpie lark]; blood; R1 (210, 217, 579, 581, 694, 1280, 1371, 1790)
- AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie]; blood; R1, R4 (694, 1280, 1790)
- AVE *Heteromyias (Poecilodryas) albispecularis* (Salvadori, 1875) [grey-headed robin]; blood; R1 (1293)
- AVE *Lichenostomus frenatus* (Ramsay, 1874) [bridled honeyeater]; blood; R1 (1293)
- AVE *Lichenostomus hindwoodi* (Longmore & Boles) [Eungella honeyeater]; blood; R1 (1293)
- AVE *Lichenostomus penicillatus* (Gould, 1837) [white-plumed honeyeater]; blood; R4, zoo (UK) (216, 217, 445)
- AVE *Machaerirhynchus flaviventer* Gould, 1851 [yellow-breasted boatbill]; blood; R1 (1293)
- AVE *Manorina flavigula* (Gould, 1839) [yellow-throated miner]; blood; R4 (210, 217, 579, 694, 1371, 1790)
- AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood, heart, spleen, skeletal muscle; R1 (210, 217, 579, 581, 694, 1596)
- AVE *Meliphaga lewinii* (Swainson, 1837) [Lewin's honeyeater]; blood; R1 (1293)
- AVE *Melithreptus brevirostris* (Vigors & Horsfield, 1827) [brown-headed honeyeater]; blood; R5 (217, 694, 1371)
- 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, 1371)
- AVE *Merops ornatus* Latham, 1801 [rainbow bee-eater]; blood; R1 (210, 217, 579, 581, 694, 1371, 1790)
- AVE *Microeca fascinans* (Latham, 1801) [brown flycatcher]; blood; R1 (210, 217, 579, 581, 694, 1371)
- AVE *Myiagra rubecula* (Latham, 1801) [leaden flycatcher]; blood; R2 (208, 211, 212, 217, 571, 578, 579, 694)
- AVE *Myzomela obscura* (Gould, 1842) [dusky honeyeater]; blood; R1 (1293)

- AVE *Myzomela sanguinolenta* (Latham, 1801) [scarlet honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694, 1371)
- 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, 1790)
- AVE *Orthonyx spaldingii* Ramsay, 1868 [chowchilla]; blood; R1 (1293)
- AVE *Pardalotus melanocephalus* (Gould, 1838) [black-headed pardalote]; blood; R1 (210, 216, 217, 581, 694, 1371, 1790)
- AVE *Petroica phoenicea* Gould, 1837 [flame robin]; blood; R4 (210, 217, 579, 694, 1371)
- AVE *Philemon citreogularis* (Gould, 1837) [little friarbird]; blood; R1 (1280)
- AVE *Philemon corniculatus* (Latham, 1790) [noisy friarbird]; blood, liver; R1, R2 (217, 1371, 1596)
- AVE *Platycercus adelaidae* Gould, 1840 [Adelaide rosella]; blood; R5 (210, 217, 579, 694, 1371, 1790)
- AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth]; blood; R1 (694, 1790)
- AVE *Pomatostomus superciliosus* (Vigors & Horsfield, 1827) [white-browed babbler]; blood; R5 (208, 211, 212, 217, 571, 579, 694, 1371)
- AVE *Ptilorhynchus violaceus* (Vieillot, 1816) [satin bowerbird]; blood; R2, zoo (UK) (694, 1234, 1790)
- AVE *Sericornis citreogularis* Gould, 1838 [yellow-throated scrubwren]; blood; R1 (1293)
- AVE *Sericornis magnirostris* (Gould, 1838) [large-billed scrubwren]; blood; R1 (1293)
- AVE *Sphecothebes viridis* Vieillot, 1816 [figbird]; blood; RU (217)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood, heart, skeletal muscle; R1, R2 (461, 694, 899, 1280, 1454, 1790)
- AVE *Threskiornis molucca* Cuvier, 1829 [white ibis]; blood; R1 (899, 1790)
- AVE *Tregellasia capito* (Gould, 1851) [pale-yellow robin]; blood; R1 (1293)
- AVE *Xanthotis macleayana* (Ramsay, 1875) [Macleay's honeyeater]; blood; R1 (1293)
- AVE *Zosterops caeruleascens* Latham, 1801 [silver-eye]; blood; R1, R2 (208, 210, 211, 212, 571, 578, 579, 581, 641, 694, 1790)
- AVE *Zosterops 'dorsalis'*; blood; RU (217)
- AVE *Zoothera dauma* (Latham, 1801) [White's thrush, mountain thrush, ground thrush] syn. *Oreocichla lunulata*, *Geocichla lunulata*, *Zoothera lunulata*; blood; R1 (1293)
- 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, 1588, 1642, 1643, 1644, 1646)
- ART *Aponomma hydrosauri* (Denny, 1843) [reptile tick]; intestines; R5 (1642)
- REP *Trachydosaurus rugosus* Gray, 1825 [sleepy lizard]; blood; R5 (1076, 1316, 1588, 1642, 1643, 1645, 1646, 1647)

***Hemolivia* sp.**

- REP *Egernia stokesii* (Gray, 1845) [Gidgee skink]; blood; R5 (1429, 1430)

Hepatocystis levinei Landau *et al.*, 1985

- ART *Culicoides nubeculosus* Macfie, 1758 [-]; gut, salivary glands (exptl. infection); R1 (623, 1315)
- MAM *Pteropus poliocephalus* Temminck, 1825 [grey-headed flying-fox]; blood, liver; R1 (623, 1315)
- MAM *Pteropus alecto* Temminck, 1837 [black flying-fox]; blood, liver; R1 (1891)

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 [fruit bat]; blood; R1 (692, 744)
 MAM *Pteropus gouldii* Peters, 1867 [black flying-fox]; 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 sacpulatus* Peters, 1862 [little red flying-fox]; blood, R1 (64, 345, 642, 692, 693)
 MAM *Pteropus* sp.; blood, RU (286, 1611)

***Hepatocystis* sp.**

- MAM *Dobsonia moluccense* (Quoy & Gaimard, 1810) [bare-backed fruit-bat]; blood; R9 (692, 726)
 MAM *Pteropus alecto* Temminck, 1837 [black flying-fox]; blood; R1 (899, 1790, 1891)

Johnsprentia copemani Landau *et al.*, 2012

- MAM *Pteropus alecto* Temminck, 1837 [black flying-fox]; blood, lungs; R1 (1891, 1892)

Leucocytozoon anellobiae (Cleland & Johnston, 1911) Johnston, 1912

- AVE *Acanthochaera chrysoptera* (Latham, 1801) [little wattlebird]; blood; R1 (75, 216, 217, 579, 581, 694)
 AVE *Acanthogenys rufogularis* Gould, 1838 [spiny-cheeked honeyeater]; blood; R1 (216, 217, 694)
 AVE *Entomyzon cyanotis* (Latham, 1801) [blue-faced honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
 AVE *Grallina picata* Latham, 1801 [peewit, peewee, Australian magpie lark] syn. *G. cyanoleuca*; blood; R1 (1280)
 AVE *Lichenostomus fuscus* (Gould, 1837) [brown honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
 AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood, heart, spleen; R1 (75, 210, 216, 217, 579, 581, 694, 1280, 1596)
 AVE *Myzomela sanguineolenta* (Latham, 1801) [scarlet honeyeater]; blood; R1 (210, 216, 217, 579, 581, 694)
 AVE *Philemon corniculatus* (Latham, 1790) [noisy friarbird]; blood; R1 (128, 217, 581, 694, 1280)
 AVE *Sphecotheses viridis* Vieillot, 1816 [figbird]; blood; R1 (210, 217, 216, 579, 581)

Leucocytozoon ardea Rodhain, Pons, Vandenbranden & Bequaert, 1913

- AVE *Ardea novaehollandiae* Latham, 1790 [white-faced heron] blood; R1 (1280)

Leucocytozoon artamidis Peirce *et al.*, 2005

- AVE *Cracticus nigrogularis* (Gould, 1837) [pied butcherbird]; blood, kidney, spleen, lung; R1 (1595)
 AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; blood, kidney, spleen, lung; R1 (1595)
 AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie, black-backed magpie]; blood, heart, kidney, spleen, lung; R1 (1595)
 AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood, heart, kidney, spleen, lung; R1 (1595)

Leucocytozoon caprimulgi Kerandel, 1913

- AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth]; blood; R1 (217, 581, 694)

Leucocytozoon dacelo Bennett, Earle, Peirce & Nandi, 1993

AVE *Dacelo novaeguineae* (Hermann, 1783) [kookaburra]; blood; R1 (1280)

Leucocytozoon danilewskyi Ziemann, 1898

AVE *Ninox novaeseelandiae* (Gmelin, 1788) [southern boobook]; blood; R4 (694)

Leucocytozoon dubreuili Mathis & Leger, 1911

AVE *Zoothera dauma* (Latham, 1801) [White's thrush, mountain thrush, ground thrush] syn. *Oreocichla lunulata*, *Geocichla lunulata*, *Zoothera lunulata*; blood; R1 (1280)

Leucocytozoon ibisi Adlard, Peirce & Lederer, 2002

AVE *Threskiornis molucca* Cuvier, 1829 [white ibis]; blood; R1 (1279)

Leucocytozoon marchouxi Mathis & Leger, 1910

AVE *Ocyphaps lophotes* (Temminck & Laugier, 1822) [crested pigeon]; blood; R1 (1280)

Leucocytozoon oriolis Bennett & Peirce, 1992

AVE *Sphecotheres viridis* Vieillot, 1816 [figbird] syn. *S. maxillaris*, *Oriolus viridis*; blood, liver, lung, skeletal muscle; R1 (1280, 1596)

Leucocytozoon podargii Adlard, Peirce & Lederer, 2002

AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth, mopoke]; blood, heart, liver, kidney, skeletal muscle, lung, spleen; R1 (1279, 1596)

Leucocytozoon sakharoffi Sambon, 1908

AVE *Corcorax melanorhamphos* (Vieillot, 1817) [white-winged cough]; blood; R1 (210, 216, 217, 579, 581, 694)

AVE *Corvus orru* Bonaparte, 1851 [Torresian crow]; blood; R1 (1280)

Leucocytozoon vandenbrandeni Rodhain, 1931

AVE *Phalacrocorax melanoleucos* (Vieillot, 1817) [little pied cormorant]; blood; R4 (694)

***Leucocytozoon* sp.**

AVE '*Ailuroedus smithi*'; blood; R1 (217)

AVE *Alisterus scapularis* (Lichtenstein, 1816) [Australian king-parrot]; tissues; zoo (UK) (1216)

AVE *Cacatua galerita* (Latham, 1790) [sulphur-crested cockatoo]; blood, kidney; R1 (1280, 1596)

AVE *Columba livia* Gmelin, 1789 [domestic pigeon, feral pigeon]; blood, R1 (1280)

AVE *Climacteris picumnus* Temminck, 1824 [brown treecreeper]; blood; R4 (694, 1790)

AVE *Cracticus nigrogularis* (Gould, 1837) [pied butcherbird]; blood; R1 (1280)

AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; blood, liver; R1 (1280, 1596)

AVE *Eurystomus orientalis* (Linnaeus, 1766) [dollarbird]; blood; R1 (1280)

AVE *Falco cenchroides* Vigors & Horsfield, 1827 [Australian kestrel, Nankeen kestrel]; blood, brain, kidney, lung, liver, heart; R6 (1616)

AVE *Geopelia humeralis* (Temminck, 1821) [bar-shouldered dove]; liver, heart, kidney; R2 (989, 1790)

AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie]; blood, heart, kidney, lung, spleen; R1, R2 (461, 694, 989, 1280, 1596, 1790)

AVE *Lichenostomus penicillatus* (Gould, 1837) [white-plumed honeyeater]; blood; zoo (UK) (445)

AVE *Manorina melanocephala* (Latham, 1801) [noisy miner/minah]; blood, spleen, lung, skeletal muscle; R1 (1596)

- AVE *Menura novaehollandiae* Latham, 1801 [superb lyrebird]; various organs; R2 (487, 989)
- AVE *Neophema pulchella* (Shaw, 1792) [turquoise parrot]; tissues; zoo (EUR, UK) (1053, 1216)
- AVE *Ninox connivens* (Latham, 1801) [barking owl]; blood; R1 (899)
- AVE *Nycticorax caledonicus* (Gmelin, 1789) [rufous night heron]; heart; R2 (989)
- AVE *Oriolus sagittatus* (Latham, 1801) [olive-backed oriole]; blood; R1 (210, 216, 579, 581, 694, 1790)
- AVE *Pardalotus melanocephalus* (Gould, 1838) [black-headed pardalote]; blood; R1 (210, 581, 694, 1790)
- AVE *Philemon corniculatus* (Latham, 1790) [noisy friarbird, leatherhead]; blood, heart, spleen, liver; R1 (1596, 1790)
- 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, 1280, 1790)
- 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, 1790)
- AVE *Sphecotheres vieilloti* Vigors & Horsfield, 1827 [southern figbird]; blood; R1 (694, 1790)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood, muscle, heart, kidney, lung, liver; R1, R2 (461, 694, 1280, 1518, 1596, 1790)
- AVE *Threskiornis molucca* Cuvier, 1829 [white ibis]; blood; R1 (1280)
- AVE *Trichoglossus haematodus* (Linnaeus, 1771) [rainbow lorikeet]; blood; R1 (1280)

Unidentified apicomplexan (*Leucocytozoon?*)

- AVE *Falco cenchroides* Vigors & Horsfield, 1827 [Nankeen kestrel]; brain, eye, kidney, lung, liver; R6 (1617)
- AVE *Falco peregrinus* Tunstall, 1771 [Peregrine falcon]; brain, eye, lung, kidney; R6 (1617)

Pirhemocyon tarentolae Chatton & Blanc, 1914

- REP *Gehyra variegata* (Dumeril & Bibron, 1836) [tree dtella]; blood; R1 (695, 1094)
- REP *Phyllurus platurus* (White, 1790) [southern leaf-tailed gecko]; blood; R2 (66, 695)

Pirhemocyon sp.

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

Plasmodium berghei Vincke & Lips, 1948 emend. Garnham, 1966

- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood, brain (exptl. infection); R1, R2, R6 (614, 1373, 1432, 1451, 1472, 1603, 1759, 1848)

Plasmodium biziurae Gilruth *et al.*, 1910 emend. Garnham, 1966; syn. *Proteosoma biziurae* 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 *Malacorrhynchus membranaceus* (Latham, 1801) [pink eared duck]; blood; R1 (694)

Plasmodium circularis Telford & Stein, 2000

- REP *Egernia stokesii* (Gray, 1845) [Gidgee skink]; blood; R5 (1674)

Plasmodium circumflexum (Kikuth, 1931)

AVE Un-named species; blood; RU (1296)

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 (+ culture); 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, 1285, 1291, 1297, 1314, 1335, 1373, 1375, 1485, 1506, 1537, 1610, 1667, 1676, 1757, 1758, 1774, 1787, 1788, 1810)

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 stokesii* (Gray, 1845) [Gidgee skink]; blood; R5 (1674)

REP *Egernia striolata* (Peters, 1870) [tree skink]; blood; R1 (1048, 1126, 1127)

REP *Egernia whitii* (Lacepede, 1804) [White's skink]; blood (exptl. infection); R1 (1048, 1126, 1127)

Plasmodium malariae (Feletti & Grassi, 1889) Int. Comm. Zool Nomen., 1954 emend. Garnham, 1966

ART *Anopheles punctulatus* Dönitz, 1901 [anopheline mosquito]; NR; 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, 1375)

Plasmodium ovale Stephens, 1922 emend. Garnham, 1966

MAM *Homo sapiens* Linnaeus, 1758 [human], blood; R8 (90, 91, 370)

Plasmodium relictum (Grassi & Feletti, 1891) Corradetti *et al.*, 1963; syn. *Plasmodium passeris* Johnston & Cleland, 1909; syn. *P. praecox* Grassi & Feletti, 1891

ART *Culex quinquefasciatus* Say, 1823 [brown house mosquito]; salivary glands (exptl. infection); R1 (643)

AVE *Anas gibberifrons* Muller, 1842 [grey teal]; blood; R2 (74)

AVE *Larus novaehollandiae* Stephens, 1826 [silver gull]; blood; R2 (643)

- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; blood; R2 (208, 211, 215, 216, 446, 562, 567, 568, 570, 571, 573, 578, 641, 643, 694)
- AVE *Serinus canaria* Linnaeus, 1758 [canary]; blood (exptl. infection); R1 (643)
- AVE *Sturnus vulgaris* Linnaeus, 1758 [common starling]; blood; R2 (446, 641, 694)
- AVE Un-named species; blood; RU (1296)

Plasmodium vaughani Novy & MacNeal, 1905 emend. Corradetti *et al.*, 1963

- AVE *Manorina melanocephala* (Latham, 1801) [noisy miner]; blood; R1 (75)

Plasmodium vivax (Grassi & Feletti, 1890) Int. Comm. Zool. Nomen., 1954 emend. Garnham, 1966

- ART *Anopheles amictus* Edwards, 1921 [anopheline mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)
- ART *Anopheles annulipes* Walker, 1856 [common Australian anopheline]; salivary glands (exptl. infection); R1 (90, 685, 1006, 1088, 1089)
- ART *Anopheles bancrofti* Giles, 1902 [black Australian anopheline]; salivary glands (exptl. infection); R1 (90, 685, 1089)
- ART *Anopheles farauti* Laveran, 1902 [Australian malaria mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1088, 1089)
- ART *Anopheles meraukensis* Venhuis, 1932 [anopheline mosquito]; gut (exptl. infection); R1 (90, 685)
- ART *Anopheles punctulatus* Dönitz, 1901 [anopheline mosquito]; salivary glands (exptl. infection); R1 (22, 194, 342, 344, 687, 688, 1006, 1088, 1089)
- ART *Anopheles stigmaticus* Skuse, 1889 [anopheline mosquito]; salivary glands (exptl. infection); R1 (90, 685, 1089)
- MAM *Homo sapiens* Linnaeus, 1758 [human], blood; RU, R1, R2, R3, R8, R9 (22, 82, 84, 85, 86, 87, 88, 89, 90, 91, 129, 194, 218, 219, 240, 342, 343, 344, 370, 510, 562, 567, 573, 581, 685, 686, 687, 688, 689, 692, 791, 877, 878, 1006, 1250, 1314, 1323, 1375, 1481, 1506, 1537, 1667)

Plasmodium yoelii Landau & Killick-Kendrick, 1966 emend. Killick-Kendrick, 1974

- MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood (exptl. infection); R2 (614)

***Plasmodium* sp.**

- ART *Aedes australis* (Erichson, 1842) [saltwater mosquito]; midgut, salivary glands; R2 (641)
- ART *Culex quinquefasciatus* Say, 1823 [brown house mosquito]; gut; R2 (641, 694)
- AVE *Acanthiza katherina* De Vis, 1905 [mountain thornbill]; blood; R1 (1293)
- AVE *Ailuroedus (Scenopoeetes) dentirostris* (Ramsay, 1875) [tooth-billed catbird]; blood; R1 (1293)
- AVE *Ailuroedus melanotis* (Gray, 1858) [spotted catbird]; blood; R1 (1293)
- AVE *Barnardius semitorquatus* (Quoy & Gaimard, 1830) [twenty-eight parrot]; blood; RU (694)
- AVE *Cacatua galerita* (Latham, 1790) [sulphur-crested cockatoo]; kidney; R1 (1596)
- AVE *Cacatua roseicapilla* (Vieillot, 1817) [galah]; blood; R1 (1280)
- AVE *Cacatua sanguinea* Gould, 1840 [little corella] syn. *C. pastinator* (Gould, 1841); blood; R1 (1280)
- AVE *Catharacta lonnbergi* Mathews, 1912 [skua]; blood, liver; R2 (1454, 1790)
- AVE *Colluricincla boweri* (Ramsay, 1885) [Bower's shrike-thrush]; blood; R1 (1293)
- AVE *Colluricincla megarhyncha* (Quoy & Gaimard, 1830) [little shrike-thrush]; blood; R1 (1293)
- AVE *Corvus orru* Bonaparte, 1851 [Torresian crow]; blood; R1 (1280)
- AVE *Cracticus nigrogularis* (Gould, 1837) [pied butcherbird]; blood, liver; R1 (1280, 1596)
- AVE *Erythrura trichroa* (Kittlitz, 1883) [blue-faced parrot finch]; blood; R2 (1454, 1790)
- AVE *Falco hypoleucus* Gould, 1840 [grey falcon]; blood; R1 (128, 215, 217, 446, 581, 694, 1790)

- AVE *Gymnorhina tibicen* (Latham, 1801) [Australian magpie, black-backed magpie]; blood, heart, spleen, kidney; R1 (1280, 1596, 1790)
- AVE *Heteromyias (Poecilodryas) albispecularis* (Salvadori, 1875) [grey-headed robin]; blood; R1 (1293)
- AVE *Larus novaehollandiae* Stephens, 1826 [silver gull]; blood; R2 (446, 694, 1790)
- AVE *Lichenostomus frenatus* (Ramsay, 1874) [bridled honeyeater]; blood; R1 (1293)
- AVE *Machaerirhynchus flaviventer* Gould, 1851 [yellow-breasted boatbill]; blood; R1 (1293)
- AVE *Manorina melanocephala* (Latham, 1801) [noisy miner/minah, soldier bird]; blood, spleen, lung, liver; R1 (1280, 1596)
- AVE *Meliphaga lewinii* (Swainson, 1837) [Lewin's honeyeater]; blood; R1 (1293)
- AVE *Meliphaga notata* (Gould, 1867) [yellow-spotted honeyeater]; blood; R1 (1293)
- AVE *Monarcha (Arses) kaupi* (Gould, 1851) [pied monarch]; blood; R1 (1293)
- AVE *Monarcha trivittatus* (Temminck, 1829) [spectacled monarch]; blood; R1 (1293)
- AVE *Ninox connivens* (Latham, 1801) [barking owl]; blood; R1 (899, 1790)
- AVE *Pachycephala pectoralis* (Latham, 1801) [golden whistler]; blood; R1 (1293)
- AVE *Passer domesticus* (Linnaeus, 1758) [house sparrow]; blood; R2, R5 (432, 641, 1790)
- AVE *Pitta versicolor* Swainson, 1825 [noisy pitta]; blood; R1 (1293)
- AVE *Podargus strigoides* (Latham, 1801) [tawny frogmouth, mopoke]; blood; R1 (1280)
- AVE *Rhipidura fuliginosa* (Sparrman, 1787) [grey fantail]; blood; R1 (1293)
- AVE *Rhipidura rufifrons* (Latham, 1801) [rufous fantail]; blood; R1 (1293)
- AVE *Sericornis magnirostris* (Gould, 1838) [large-billed scrubwren]; blood; R1 (1293)
- AVE *Sphecotheres viridis* Vieillot, 1816 [figbird] syn. *S. maxillaris*, *Oriolus viridis*; blood, lung; R1 (1280, 1596)
- AVE *Sterna bergii* Lichtenstein, 1823 [crested tern]; blood; R1 (1280)
- AVE *Strepera graculina* (Shaw, 1790) [pied currawong]; blood, heart, skeletal muscle; R1 (1280, 1596, 1790)
- AVE *Trichoglossus chlorolepidotus* (Kuhl, 1820) [scaly-breasted lorikeet]; blood; R1 (1280)
- AVE *Trichoglossus haematodus* (Linnaeus, 1771) [rainbow lorikeet]; blood; R1 (1280)
- MAM *Homo sapiens* Linnaeus, 1758 [human], blood; RU, R1, R8, R9 (193, 322, 692, 729, 1235)
- REP *Egernia stokesii* (Gray, 1845) [Gidgee skink]; blood; R5 (1429)

Polychromophilus melanipherus Dionisi, 1899 emend Landau *et al.* 1980

- MAM *Hipposideros semoni* Matschie, 1903 [greater wart-nosed horseshoe-bat]; blood; R1 (387, 692, 693)
- MAM *Eptesicus pumilus* (Gray, 1841) [little cave eptesicus]; blood; R1 (287)
- MAM *Miniopterus blepotis* (Temminck, 1840) [bent-wing bat]; blood; R1 (387, 692, 693)
- MAM *Miniopterus schreibersii* (Kuhl, 1817) [common bent-wing bat]; blood; RU, R2, R5 (287, 622, 692, 1234)
- MAM *Nyctophilus bifax* Thomas, 1915 [North Queensland long-eared bat]; blood; R1 (387, 693)
- MAM *Vespadelus pumilis* (Gray, 1841) [eastern forest bat]; 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)

Sprattiella alecto Landau *et al.*, 2012

- MAM *Pteropus alecto* Temminck, 1837 [black flying-fox]; blood, kidney; R1 (1891)

Unidentified haemosporidia

- AVE *Acanthorhynchus tenuirostris* (Latham, 1801) [eastern spinebill]; blood; R1 (1293)
- AVE *Columba leucomela* Temminck, 1821 [white-headed pigeon]; blood; R1 (1280)
- AVE *Cracticus torquatus* (Latham, 1801) [grey butcherbird]; blood; R1 (1280)

AVE	<i>Crateroscelis (Oreoscopus) gutturalis</i> (DeVis, 1889) [Australian fernwren]; blood; R1 (1293)
AVE	<i>Eopsaltria australis</i> (Shaw, 1790) [eastern yellow robin]; blood; R1 (1293)
AVE	<i>Zosterops caeruleus</i> Latham, 1801 [silver-eye]; blood; R2 (208, 212)
MAM	<i>Miniopterus schreibersii</i> (Kuhl, 1817) [common bent-wing bat]; blood; RU (692, 767)
MAM	<i>Myotis myotis</i> (Bechstein, 1819) [greater mouse-eared bat]; blood; RU (692, 767)
MAM	<i>Myotis nattererii</i> (Kuhl, 1819) [Natterer's bat]; blood; RU (692, 767)
REP	<i>Crocodylus porosus</i> Schneider, 1801 [salt water crocodile]; erythrocytes; R1 (919)
REP	<i>Morelia spilotes</i> (Lacepede, 1804) [carpet python]; blood; R4 (743)

Order: PIROPLASMIDA [merogony in mammals, gamogony and sporogony in ticks]

Family: BABESIIDAE

Babesia bigemina (Smith & Kilbourne, 1893); syn. *Piroplasma bigeminum* (Smith & Kilbourne, 1893) Patton, 1895; syn. *Pyrosoma bigeminum* Smith & Kilbourne, 1893

ART	<i>Boophilus microplus</i> (Canestini, 1887) [cattle tick]; gut, haemolymph, Malpighian tubules, ova, salivary glands, NR; RU; R1 (145, 149, 153, 259, 261, 264, 581, 645, 709, 711, 999)
MAM	<i>Bos taurus</i> (var. <i>indicus</i>) Linnaeus, 1766 [zebu]; blood; R1 (268, 1311)
MAM	<i>Bos taurus</i> 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, 1308, 1310, 1311, 1336, 1378, 1379, 1487, 1653, 1698)
MAM	<i>Bubalus bubalis</i> (Linnaeus, 1758) [water buffalo]; blood; RU (162, 1151)
MAM	<i>Equus caballus</i> Linnaeus, 1758 [horse]; blood; R1 (149)
MAM	<i>Ovis aries</i> Linnaeus, 1758 [sheep]; blood; R1 (149)

Babesia bovis (Babes, 1888) Starcovicci, 1893; syn. *B. argentina* (Lignieres, 1903)

ART	<i>Boophilus microplus</i> (Canestini, 1887) [cattle tick]; gut, ova, salivary glands, haemolymph; R1 (256, 260, 262, 264, 709, 711, 714, 717, 721, 902, 1000, 1014, 1103)
MAM	<i>Bos taurus</i> (var. <i>indicus</i>) Linnaeus, 1766 [zebu]; blood, antibodies (IHAT); R1 (268, 721)
MAM	<i>Bos taurus</i> Linnaeus, 1758 [ox]; blood, antibodies (CFT, IFAT, IHAT, HAT, ELISA, RIA), DNA (PCR); 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, 1308, 1309, 1310, 1312, 1336, 1376, 1377, 1378, 1379, 1408, 1522, 1550, 1653, 1682, 1698)
MAM	<i>Bubalus bubalis</i> (Linnaeus, 1758) [water buffalo]; blood; RU (162, 1151)

Babesia canis (Piana & Galli-Valerio, 1895)

MAM	<i>Canis familiaris</i> Linnaeus, 1758 [dog]; blood; R1, R8, R10 (167, 476, 477, 517, 605, 674, 1060, 1258, 1377, 1378, 1379)
MAM	<i>Canis familiaris dingo</i> Linnaeus, 1758 [dingo]; blood; R6 (167)
ART	<i>Rhipicephalus sanguineus</i> (Latrielle, 1806) [brown dog tick]; homogenate (PCR); R1 (1900)

Babesia canis vogeli Reichenow, 1937

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; blood (+ PCR); RU, R8 (1480, 1827, 1867, 1900)
MAM *Canis familiaris dingo* Linnaeus, 1758 (= *Canis lupus dingo*)[dingo]; blood; RU (1837)
- Babesia duncani*** Conrad *et al.*, 2006
MAM *Homo sapiens* Linnaeus, 1758 [man]; blood (PCR), antibodies (IFAT); R2 (1904, 1914)
- Babesia gibsoni*** Patton, 1910
MAM *Canis familiaris* Linnaeus, 1758 [dog]; blood (+ PCR), antibodies (IFAT), (+ exptl); RU, R2, R6 (1417, 1480, 1569, 1827, 1828, 1900)
- Babesia equi*** (Laveran, 1901)
MAM *Equus caballus* Linnaeus, 1758 [horse]; blood, antibodies (IFAT); R1 (29, 165, 167, 192, 715)
- Babesia macropus*** Dawood *et al.*, 2013
MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo] syn. *M. canguru*; blood, tissues (+ PCR); R1 (1903)
- Babesia microti*** (Franca, 1910)
MAM *Homo sapiens* Linnaeus, 1758 [man]; blood (PCR), antibodies (IFAT); R2 (1901, 1904, 1914)
- Babesia ovis*** (Babes, 1892) Starcovici, 1893
MAM *Ovis aries* Linnaeus, 1758 [sheep]; NR (cDNA); RU (1377, 1379)
- Babesia rodhaini*** van den Berghe *et al.*, 1950
MAM *Mus musculus* Linnaeus, 1758 [house mouse]; blood (exptl. infection); R1, R2 (253, 327, 614, 674, 1378)
MAM *Rattus norvegicus* (Berkenhout, 1769) [brown rat]; blood (exptl. infection); R1 (674)
- Babesia tachyglossi*** Backhouse & Bolliger, 1959
MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; blood; R2 (43, 1004)
- Babesia thylacis*** Mackerras, 1959
MAM *Dasyurus hallucatus* (Gould, 1842) [northern quoll]; blood; R8 (1292)
MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; R1 (693)
- Babesia* sp.**
ART *Boophilus microplus* (Canestini, 1887) [cattle tick]; NR; R1 (1059)
ART *Rhipicephalus sanguineus* (Latrielle, 1806) [brown dog tick]; homogenate (PCR); R8 (1480)
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, R2 (899, 1484, 1790)
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] syn. *A. agilis* pp. [cf. 1726]; blood; R2 (28, 31, 55, 826, 851, 1726, 1790)
MAM *Bettongia penicillata* Gray, 1837 [brush-tailed bettong, woylie]; blood (+ PCR); R6 (1902)
MAM *Bos taurus* Linnaeus, 1758 [ox]; blood; R1, R8, R9 (395, 396, 513, 514, 515, 587, 650, 805, 966, 1058)

- MAM *Canis familiaris* Linnaeus, 1758 [dog]; blood; R1 (1655)
 MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; blood (+ PCR); RU (1790)
 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 [comb-eared skink]; blood; R1 (899)
 REP *Heteronotia binoei* (Gray, 1845) [Bynoe's gecko]; blood; R1 (899)

Family: THEILERIIDAE

Theileria brachyuri Clark & Spencer, 2007

- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; blood (+ PCR); R6 (1872)

Theileria buffeli Neveu-Lemaire, 1912 [= *T. orientalis*]

- MAM *Bos taurus* Linnaeus, 1758 [ox]; blood (+ exptl.) (+ ELISA, IFAT); R1 (1420, 1489, 1661, 1662)

Theileria fuliginosa Clark & Spencer, 2007

- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; blood (+ PCR); R6 (1872)

Theileria gilberti Lee *et al.*, 2009

- MAM *Potorous gilberti* (Gould, 1841) [Gilbert's potoroo]; blood (+ PCR); R6 (1821)

Theileria mutans (Theiler, 1906) Franca, 1909; syn. *T. buffeli* (Neveu-Lemaire, 1912); syn. *T. orientalis* (Yakimov & Sudachenkov, 1931) Neveu-Lemaire, 1943; syn. *T. sergenti* Yakimoff & Dekhtereff, 1930

- ART *Haemaphysalis bancrofti* Nuttall & Warburton, 1915 [wallaby tick]; NR; 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 orientalis Yakimoff & Soudatschenkoff, 1931

- MAM *Bos taurus* Linnaeus, 1758 [ox]; blood (exptl. infection)(+ ELISA); R1 (1489)

Theileria ornithorhynchi Mackerras, 1959

- MAM *Ornithorhynchus anatinus* (Shaw & Nodder, 1799) [platypus]; blood; R1, R2, R3 (693, 750, 1372, 1662, 1790) [incorrectly recorded as *T. binneyi* in 1059, 1060]

Theileria penicillata Clark & Spencer, 2007

- MAM *Bettongia penicillata* Gray, 1837 [brush-tailed bettong, woylie] ; blood (+ PCR); R6 (1872)

Theileria peramelis Mackerras, 1959

- MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot]; blood; R1 (691, 693, 826, 851, 1059, 1662)
 MAM *Perameles nasuta* Geoffroy, 1804 [long-nosed bandicoot]; blood; R1 (693)
 MAM *Potorous tridactylus* (Kerr, 1792) [long-nosed rat-kangaroo]; blood; R1 (693)

Theileria sergenti Yakimoff & Dekhtereff, 1930

- MAM *Bos taurus* Linnaeus, 1758 [ox]; blood (exptl. infection) (+ ELISA); R1 (1489)

***Theileria tachyglossi* Priestley, 1915**

MAM *Tachyglossus aculeatus* (Shaw & Nodder, 1792) [short-beaked echidna]; blood, various organs; R1, R2 (693, 974, 1059, 1060, 1662, 1877)

***Theileria* sp.**

ART *Haemaphysalis bancrofti* Nuttall & Warburton, 1915 [wallaby tick]; NR; R1 (1001)

ART *Haemaphysalis longicornis* Neumann, 1901 [bush tick, NZ cattle tick]; NR; 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 rat-kangaroo]; blood (+ PCR); RU, R2 (691, 692, 826, 851, 1086, 1821)

MAM *Bettongia lesueuri* (Quoy & Gaimard, 1824) [burrowing bettong, boodie]; blood (+ PCR); R6 (1902)

Phylum: MICROSPORA [form unicellular spores with coiled polar filament, all parasitic]

Class: MICROSPOREA [polar filament well-formed]

Order: MINISPORIDA [minute spores]

Family: CHYTRIDIOPSIDAE

***Steinhausia mytilovum* (Field, 1924)**

MOL *Mytilus galloprovincialis* Lamarck, 1819 [mussel] ; ova; R19 (1719)

***Steinhausia* sp.**

MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster] syn. *Crassostrea commercialis*, *S. commercialis*; ovocytes; R1 (1287)

Order: MICROSPORIDA [polaroplast present]

Suborder: PANSPOROBLASTINA [sporophorous vesicle present]

Family: AMBLYOSPORIDAE

***Amblyospora dyxenoides* Sweeney *et al.*, 1988**

ART *Culex annulirostris* Skuse, 1889 [common banded mosquito]; oenocytes, fat bodies; R4 (638, 1118, 1119, 1120, 1121)

ART *Mesocyclops albicans* (Smith) [-]; NR; R4 (638, 1118, 1119)

ART *Mesocyclops* sp.; NR; 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 cyclopid species; NR; R1 (1122, 1123)

***Amblyospora trinus* Becnel & Sweeney, 1996**

ART *Culex halifaxii* Theobald, 1903 [culicine mosquito]; larval fat bodies; R1 (71)

***Amblyospora* sp.**

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

(1123)

Family: DUBOSCQIIDAE

Duboscqia aediphaga Kettle & Piper, 1988ART *Aedes vigilax* (Skuse, 1889) [saltmarsh mosquito]; larval fat bodies; R1 (611)***Duboscqia dengihilli*** Sweeney *et al.*, 1993ART *Anopheles hilli* Woodhill & Lee, 1944 [anopheline mosquito]; NR; R1 (1668)ART *Apocyclops dengizicus* (Lepeschkin, 1900) [copepod]; NR; R1 (1668)***Duboscqia* sp.**ART *Anopheles hilli* Woodhill & Lee, 1944 [anopheline mosquito]; larval fat bodies; R1 (1123)ART *Apocyclops dengizicus* (Lepeschkin, 1900) [copepod]; NR; R1 (1123)

Family: GLUGEIDAE

Glugea vincentiae Vagelli *et al.*, 2005ACT *Vincentia conspersa* Klunzinger, 1872 [cardinal fish]; subcutaneous tissue; R14 (1792)***Pleistophora sciaenae*** Johnston & Bancroft, 1918ACT *Johnius belangeri* (Cuvier, 1830) [little jewfish]; ovary; R13 (79, 584, 627, 858)***Pleistophora* sp.**ACT *Leionura atun* (Euphrasen, 1791) [barracouta]; NR; RU (858)ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; muscles; R3 (858, 1570)ART *Cherax destructor* (Clark, 1936) [inland yabby]; muscles; R5 (893)***Vavraia oncooperae*** (Milner & Beaton, 1977) Malone *et al.*, 1987; syn. *Pleistophora oncooperae* Milner & Beaton, 1977ART *Oncopera alboguttata* Tindale, 1933 [Ebor grassgrub]; muscle, fat bodies, connective tissues; R2, R4 (723, 774, 775, 776, 777)ART *Oncopera rufobrunnea* Tindale, 1933 [underground grassgrub]; muscle, fat bodies, connective tissues; R2, R3, R4 (723, 774, 775, 776, 777, 1270)***Vavraia parastacida*** Langdon, 1991ART *Cherax albidus* Clark, 136 [white yabby]; muscles; R6 (635)ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; muscle; R1 (630, 631)ART *Cherax quinquecarinatus* (Gray, 1845) [gilgy]; muscles; R6 (630, 631)ART *Cherax tenuimanus* (Smith, 1912) [marron]; muscles; R6 (630, 631, 635)***Vavraia* sp.**ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; NR; RU (175)ART *Cherax tenuimanus* (Smith, 1912) [marron]; NR; RU (175)

Family: PSEUDOPLEISTOPHORIDAE

Octosporea muscaedomesticae Flu, 1911ART *Lucilia cuprina* (Wiedemann, 1830) [green bottle fly, sheep blowfly]; midgut; R5 (226, 1075)

Family: THELOHANIIDAE

Agmasoma penaei (Sprague, 1950) Hazard & Oldacre, 1976; 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)

Thelohania duorara Iverson & Manning, 1959

- ART *Penaeus esculentus* Haswell, 1879 [tiger prawn]; NR; 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 merguensis* de Man, 1888 [banana prawn]; muscles; R21 (10, 921)
 ART *Penaeus semisulcatus* de Haan, 1844 [green tiger prawn]; muscles, connective tissue; R21 (10, 918)

Thelohania montirivulorum Moodie *et al.*, 2003

- ART *Cherax destructor* (Clark, 1936) [inland yabby]; muscle (+ PCR); R1 (1552)

Thelohania parastaci Moodie *et al.*, 2003

- ART *Cherax destructor* (Clark, 1936) [inland yabby]; muscle (+ PCR); R1 (1553)

***Thelohania* sp.**

- ART *Cherax albidus* Clark, 136 [white yabby]; muscle; R6 (1486)
 ART *Cherax destructor* (Clark, 1936) [inland yabby]; 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]; NR; RU (175)
 ART *Macrobrachium rosenbergii* (de Man, 1879) [giant river prawn]; muscle; RU (920)
 ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; foregut; R13 (1067)

Family: BURENELLIDAE

Vairimorpha cheracis Moodie *et al.*, 2003

- ART *Cherax destructor* (Clark, 1936) [inland yabby]; muscle (+ PCR); R1 (1554)

Family: TUZETIIDAE

Tuzetia boeckella Milner & Mayer, 1982

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

Suborder: APANSPOROBLASTINA [sporophorous vesicle absent]

Family: NOSEMATIDAE

***Ichthyosporidium* sp.**

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

***Nosema* sp.**

- MAM *Homo sapiens* Linnaeus, 1758 [human], faeces (incidental finding); R1 (741)
 ART *Oncopera tindalei* Common, 1966 [Tindale's grass grub]; NR; R2 (775, 1270)
 ART *Samea multiplicalis* (Guenée, 1854) [moth]; homogenate; R1 (779, 1639)

Family: UNIKARYONIDAE

***Encephalitozoon cuniculi* Levaditi et al., 1923**

- MAM *Homo sapiens* Linnaeus, 1758 [human], antibodies (IFAT); RU (1246)
 MAM *Oryctolagus cuniculus* (Linnaeus, 1758) [rabbit]; various organs, antibodies (IFAT); R2, R6 (231, 232, 233, 234, 235, 236, 975, 1136, 1140, 1536)

***Encephalitozoon hellem* Didier et al., 1991**

- AVE *Agapornis roseicollis* (Vieillot, 1818) [peach-faced lovebird, rosy-faced lovebird]; NR; RU (1790)
 AVE *Eclectus roratus* (Muller, 1776) [eclectus parrot]; intestines, kidney; aviary (USA) (1652)
 AVE *Erythrura gouldiae* (Gould, 1844) [Gouldian finch]; small intestines; R2 (1357)
 AVE *Melopsittacus undulatus* (Shaw, 1805) [budgerigar]; intestines, liver; pet shop (USA) (92, 1700)

***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, 1409)
 MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; intestines (+ PCR); R1 (1755, 1790)

***Encephalitozoon* sp.**

- MAM *Homo sapiens* Linnaeus, 1758 [human]; intestines; R2 (1410)
 MAM *Isodon obesulus* (Shaw, 1797) [southern brown bandicoot, quenda] syn. *Thylacis obesulus*; brain; R3 (691)

***Enterocytozoon bieneusi* Desportes et al., 1985**

- MAM *Homo sapiens* Linnaeus, 1758 [human], faeces, intestines; R5 (679, 1409, 1410, 1411)

***Septata intestinalis* Cali et al., 1993**

- MAM *Homo sapiens* Linnaeus, 1758 [human], intestines, nasal epithelium; R2 (1356, 1411)

Family: PEREZIIDAE

***Ameson nelsoni* (Sprague, 1950); syn. *Nosema nelsoni* (Sprague, 1950)**

- ART *Penaeus esculentus* Haswell, 1879 [tiger prawn]; muscles; R21 (918, 919)
 ART *Penaeus merguensis* de Man, 1888 [banana prawn]; muscles; R21, R27 (918, 919)
 ART *Penaeus semisulcatus* de Haan, 1844 [green tiger prawn]; muscles; R21, R27 (918, 919)

***Ameson* sp.**

- ART *Portunus pelagicus* (Linnaeus, 1766) [sand crab]; muscles, blood, ovaries; R13 (1067, 1666)

INCERTAE SEDIS

***Microsporidium lotaensis* Kettle & Piper, 1988**

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

***Microsporidium* sp.**

ART *Cherax tenuimanus* (Smith, 1912) [marron]; NR; RU (10)

Unidentified microsporan

ACT *Cephalopholis boenak* (Bloch, 1790) [brown-barred rockcod]; mesentery; R13 (899)

ACT *Choerodon venustus* (De Vis, 1884) [Venus tuskfish]; liver; R13 (899)

ACT *Engraulis australis* (Gunther, 1868) [southern anchovy]; muscle; R18 (636)

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

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

ACT *Hyperlophus vittatus* (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 *Cherax quadricarinatus* (von Martens, 1868) [redclaw]; connective tissue; R1 (1403)

ART *Panulirus cygnus* George, 1962 [western rock lobster]; musculature; R18 (282)

ART *Panulirus ornatus* (Fabricius, 1798) [ornate spiny lobster]; musculature; R27 (282)

ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; hepatopancreas; R1 (1470)

AVE *Agapornis roseicollis* (Vieillot, 1818) [peach-faced lovebird, rosy-faced lovebird]; intestines; R1 (1572)

REP *Amphibolurus vitticeps* Ahl, 1926 [inland bearded dragon] syn. *Pogona vitticeps*; liver, kidney, gut, brain, ovary; zoo (USA) (1475)

Phylum: MYXOZOA [form multicellular valved spores with 1-7 polar capsules]

Class: MYXOSPOREA [myxosporidia, spores with 1-2 sporoplasms, 1-6 polar capsules]

Order: BIVALVULIDA [spores with 2 valves]

Suborder: SPHAEROMYXINA [short polar filament not tube-like]

Family: SPHAEROMYXIDAE

***Sphaeromyxa nesogobii* Su & White, 1994**

ACT *Nesogobius* sp. [goby]; gall bladder; R15 (1110)

***Sphaeromyxa noblei* Lom, 2004**

ACT *Heteroclinus whiteleggi* (Ogilby, 1894) [Whitelegg's weedfish]; gall bladder; R13 (1527)

***Sphaeromyxa* sp.**

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

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

Suborder: VARIISPORINA [polar capsules not in sutural plane]

Family: MYXIDIIDAE

***Coccomyxa meridiei* Lom et al., 1992**

ACT *Herklotsichthys castelnaui* (Ogilby, 1897) [silver herring]; gall bladder; R13 (669)

Coccomyxa tenuiparies Lom *et al.*, 1992

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

Cystodiscus australis Hartigan *et al.*, 2012

AMP *Bufo marinus* (Linnaeus, 1758) [marine or cane toad] syn. *Rhinella marina*; gall bladder, brain (+PCR); R1 (1880, 1911)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; gall bladder, liver, brain (+ PCR); R1 (1911)

AMP *Litoria aurea* (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*; gall bladder, liver, brain (+ PCR); R1 (1911)

AMP *Litoria gracilentata* (Peters, 1869) [dainty green tree frog]; faeces (+ PCR); R1 (1909)

Cystodiscus axonis Hartigan *et al.*, 2012

AMP *Bufo marinus* (Linnaeus, 1758) [marine or cane toad] syn. *Rhinella marina*; gall bladder, liver, brain (+ PCR); R1 (1880, 1910, 1911)

AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; brain (+ PCR); R1 (1912)

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; gall bladder, liver, brain (+ PCR); R1 (1910, 1911)

AMP *Litoria aurea* (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*; liver, gall bladder, brain (+ PCR); R1 (1910, 1911)

AMP *Litoria booroolongensis* (Moore, 1961) [Booroolong frog]; liver, gall bladder, brain; R1 (1880, 1910)

AMP *Litoria castanea* (Steindachner, 1867) [yellow-spotted tree frog, yellow-spotted bell frog]; liver, gall bladder, brain (+ PCR); R1 (1880, 1910, 1912)

AMP *Litoria gracilentata* (Peters, 1869) [dainty green tree frog]; faeces (+ PCR); R1 (1909)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog] syn. *Hyla peronii*; liver, brain (+ PCR); R1 (1910, 1911)

AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog, southern bell frog]; liver, gall bladder, brain (+ PCR); R1 (1880, 1910, 1911)

AMP *Litoria wilcoxi* Gunther, 1864 [stony creek frog]; brain (+ PCR); R1 (1912)

***Cystodiscus* sp.**

AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; gall bladder, liver; R1, R2 (1881, 1910)

AMP *Litoria nasuta* (Gray, 1842) [rocket frog] syn. *Hyla nasuta*; gall bladder; R2 (1881)

AMP *Bufo marinus* (Linnaeus, 1758) [marine or cane toad] syn. *Rhinella marina*; gall bladder; R1 (1910)

AMP *Litoria aurea* (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*; gall bladder, liver; R1 (1910)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog] syn. *Hyla peronii*; liver; R1 (1910)

AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog, southern bell frog]; gall bladder, R1 (1910)

AMP *Litoria booroolongensis* (Moore, 1961) [Booroolong frog]; bile ducts; R1 (1910)

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; syn. *Cytodiscus immersus* Lutz, 1889

- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad] syn. *Rhinella marina*; gall bladder; R1, R2 (274, 277, 1087, 1837, 1880, 1907)
- 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, 1907)
- 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 aurea* (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*; gallbladder; R2 (1907)
- AMP *Litoria caerulea* (White, 1790) [green tree frog]; gall bladder; R1, R2 (274, 1907)
- 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 [broad-palmed frog]; 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 [Nyakala frog]; 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 [whirring tree frog]; gall bladder; R1 (274)
- AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; gall bladder; R1 (274)
- AMP *Litoria tyleri* Martin *et al.*, 1979 [Tyler's tree frog]; gall bladder; R1 (274)
- AMP *Litoria verreauxii* (Dumeril, 1853) [Verreaux's tree frog]; gall bladder; R1 (274)
- AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; gall bladder; R1 (274)
- AMP *Ranidella parinsignifera* (Main, 1957) [eastern sign-bearing froglet]; gall bladder; R1 (274)
- AMP *Uperoleia laevigata* Keferstein, 1867 [smooth toadlet]; gall bladder; R1 (274)

Myxidium queenslandicus Gunter & Adlard, 2008

- ACT *Abudefduf sexfasciatus* (Lacepede, 1801) [scissortail sergeant]; gall bladder (+ PCR); R21 (1745)
- ACT *Abudefduf vaigiensis* (Quoy & Gaimard, 1825) [Indo-Pacific sergeant]; gall bladder (+ PCR); R21 (1745)

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* sp.**

- ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; gills; R2, R3 (481)
- ACT *Anguilla reinhardtii* Steindachner, 1867 [long-finned eel]; gills; R1 (481)
- ACT *Coryphaena hippurus* Linnaeus, 1758 [dolphin fish]; kidney; R18 (633)
- ACT *Callionymus limiceps* Ogilby, 1908 [dragonet]; gall bladder; R13 (899)
- ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; gall bladder; R13 (669)
- AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; gall bladder, brain (adults), bile ducts (tadpoles) (+ PCR); R2 (1908)

- AMP *Litoria aurea* (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*; bile ducts, liver, brain, spinal cord (tadpoles and adults)(+ PCR); R2 (1908)
- AMP *Litoria caerulea* (White, 1790) [green tree frog]; bile ducts, gall bladder; R1 (479)
- AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog, southern bell frog]; brain, spinal cord (+ PCR); R2 (1908)
- AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog] syn. *Hyla peronii*; gall bladder, brain (+ PCR); R2 (1908)

***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 leptatherinae* Su & White, 1995**

- ACT *Atherinosoma microstoma* (Günther, 1861) [small mouth hardyhead]; liver, gall bladder; R15 (1664)
- ACT *Kestratherina brevirostris* (Pavlov et al., 1988) [short snout hardyhead]; liver, gall bladder; R15 (1664)
- ACT *Kestratherina esox* (Klunzinger, 1872) [pike head hardyhead]; liver, gall bladder; R15 (1664)
- ACT *Kestratherina hepsetoides* (Richardson, 1843) [small scale hardyhead]; liver, gall bladder; R15 (1664)
- ACT *Leptatherina presbyteroides* (Richardson, 1843) [silver fish]; liver, gall bladder; R15 (1664)

***Zschokkella macrocapsula* Su & White, 1994**

- ACT *Atherinosoma microstoma* (Günther, 1861) [small mouth hardyhead]; gall bladder; R15 (1110)
- ACT *Leptatherina presbyteroides* (Richardson, 1843) [silver fish]; gall bladder; R15 (1110)

***Zschokkella* sp.**

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

Family: ORTHOLINEIDAE

***Ortholinea alata* Kent & Moser, 1990 [= *Kentmoseria alata* (Kent & Moser, 1990) Lom & Dykova, 1995; = *Paraortholinea alata*]**

- ACT *Chaetodon rainfordi* McCulloch, 1923 [northern butterfly fish]; kidney, R21 (610, 1777)

***Ortholinea australis* Lom et al., 1992**

- ACT *Acanthopagrus australis* (Günther, 1859) [yellowfin bream]; gall bladder; R13 (669)
- ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; liver; R13 (669)

***Ortholinea striateculus* Su & White, 1994**

- ACT *Leptatherina presbyteroides* (Richardson, 1843) [silver fish]; ureter; R15 (1110)

***Ortholinea* sp.**

- ACT *Chaetodon rainfordi* McCulloch, 1923 [northern butterfly fish]; kidney, R21 (658)

***Triangula percae* Langdon, 1987**

- ACT *Perca fluviatilis* Linnaeus, 1758 [redfin perch]; brain, R2, R4 (350, 625, 627, 628, 634, 803, 858)

Family: PARVICAPSULIDAE

***Parvicapsula* sp.**

ACT *Chaetodon aureofasciatus* Macleay, 1878 [-]; gall bladder; R21 (658, 802)

ACT *Diodon hystrix* Linnaeus, 1758 [porcupine fish]; kidney; R21 (658)

Family: SINUOLINEIDAE

***Sinuolinea lesteri* Moser et al., 1989**

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

***Sinuolinea* sp.**

ACT *Chromis atripectoralis* Welander & Schultz, 1951 [-]; gall bladder; R21 (658, 802)

Family: CERATOMYXIDAE

***Ceratomyxa arripica* Su & White, 1994**

ACT *Arripis trutta* Whitley, 1949 [Australian salmon]; gall bladder; R15 (1110)

***Ceratomyxa atkinsoni* Gunter et al., 2009**

ACT *Lethrinus atkinsoni* Seale, 1910 [Pacific yellow-tail emperor]; gall bladder (+ PCR); R21 (1783)

***Ceratomyxa barnesi* Gunter et al., 2009**

ACT *Siganus lineatus* (Valenciennes, 1835) [golden-lined spinefoot]; gall bladder (+ PCR); R21 (1783)

***Ceratomyxa brayi* Gunter & Adlard, 2009**

ACT *Cephalopholis boenak* (Bloch, 1790) [brown-barred rockcod, chocolate hind]; gall bladder (+ PCR); R21 (1773)

***Ceratomyxa bryanti* Gunter & Adlard, 2008**

ACT *Abudefduf whitleyi* (Allen & Robertson, 1974) [Whitley's sergeant]; gall bladder (+ PCR); R21 (1745)

***Ceratomyxa burgerae* Gunter & Adlard, 2008**

ACT *Dascyllus aruanus* (Linnaeus, 1758) [whitetail dascyllus]; gall bladder (+ PCR); R21 (1745)

***Ceratomyxa buri* Yokoyama & Fukoda, 2001**

ACT *Seriola lalandi* Valenciennes, 1833 [yellowtail kingfish] syn. *S. grandis*; gall bladder; R14, R16 (1776)

***Ceratomyxa capricornensis* Gunther & Adlard, 2008**

ACT *Dischistodus perspicillatus* (Cuvier, 1830) [white damsel]; gall bladder (+ PCR); R21 (1745)

***Ceratomyxa cheilinae* Heiniger et al., 2008**

ACT *Cheilinus chlorourus* (Bloch, 1791) [floral wrasse]; gall bladder (+ PCR); R21 (1746)

***Ceratomyxa choerodona* Heiniger et al., 2008**

ACT *Choerodon cyanodus* (Richardson, 1843) [blue tuskfish]; gall bladder (+ PCR); R21 (1746)

***Ceratomyxa cribbi* Gunther & Adlard, 2008**

- ACT *Pomacentrus chrysurus* (Cuvier, 1830) [whitetail damselfish]; gall bladder (+ PCR); R21 (1745)
- Ceratomyxa cutmorei*** Gunter & Adlard, 2009
 ACT *Epinephelus fasciatus* (Forsskal, 1775) [black-tipped rock-cod, blacktip grouper]; gall bladder (+ PCR); R21 (1773)
- Ceratomyxa dennisi*** Gunter & Adlard, 2008
 ACT *Acanthochromis polyacanthus* (Bleeker, 1855) [spiny chromis]; gall bladder (+ PCR), R21 (1745)
- Ceratomyxa diamanti*** Gunter *et al.*, 2009
 ACT *Polydactylus macrochir* (Gunther, 1867) [king threadfin]; gall bladder (+ PCR); R21 (1783)
- Ceratomyxa ernsti*** Gunter *et al.*, 2009
 ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; gall bladder (+ PCR); R21 (1783)
- Ceratomyxa falcatus*** Gunter & Adlard, 2008
 ACT *Abudefduf whitleyi* (Allen & Robertson, 1974) [Whitley's sergeant]; gall bladder (+ PCR); R21 (1745)
- Ceratomyxa gleasoni*** Gunter & Adlard, 2009
 ACT *Plectropomus leopardus* (Lacepede, 1802) [leopard coral trout]; gall bladder (+ PCR); R21 (1773)
- Ceratomyxa hallettae*** Gunter *et al.*, 2009
 ACT *Lethrinus harak* Forsskal, 1775 [thumbprint emperor]; gall bladder (+ PCR); R21 (1783)
- Ceratomyxa heinigeræ*** Gunter *et al.*, 2009
 ACT *Choerodon cephalotes* (Castelnau, 1875) [purple tuskfish]; gall bladder (+ PCR); R21 (1783)
- Ceratomyxa hooperi*** Gunter & Adlard, 2009
 ACT *Epinephelus quoyanus* (Cuvier & Valenciennes, 1830) [longfinned wire netting cod, longfin grouper]; gall bladder (+ PCR); R21 (1773)
- Ceratomyxa jonesi*** Gunter *et al.*, 2009
 ACT *Pseudolabrus guentheri* Bleeker, 1862 [Gunther's wrasse]; gall bladder (+ PCR); R21 (1783)
- Ceratomyxa kenti*** Gunter & Adlard, 2008
 ACT *Abudefduf sexfasciatus* (Lacepede, 1801) [scissortail sergeant]; gall bladder (+ PCR); R21 (1745)
- Ceratomyxa lunula*** Gunther & Adlard, 2008
 ACT *Neoglyphidodon melas* (Cuvier, 1830) [bowtie damselfish]; gall bladder (+ PCR); R21 (1745)
- Ceratomyxa milleri*** Gunter *et al.*, 2009
 ACT *Lutjanus fulviflamma* (Forsskal, 1775) [dory snapper]; gall bladder (+ PCR); R21 (1783)
- Ceratomyxa moseri*** Gunther & Adlard, 2008
 ACT *Pomacentrus wardi* Whitley, 1927 [Ward's damselfish]; gall bladder (+ PCR); R21 (1745)

Ceratomyxa nolani Gunter & Adlard, 2009

ACT *Epinephelus quoyanus* (Cuvier & Valenciennes, 1830) [longfinned wire netting cod, longfin grouper]; gall bladder (+ PCR); R21 (1773)

Ceratomyxa nowakae Gunter *et al.*, 2009

ACT *Gymnocranius audleyi* Ogilby, 1916 [iodine bream, collared large-eye bream]; gall bladder (+ PCR); R21 (1783)

Ceratomyxa oxycheilinae Heiniger *et al.*, 2008

ACT *Oxycheilinus digramma* (Lacepede, 1801) [cheek-lined wrasse]; gall bladder (+ PCR); R21 (1746)

Ceratomyxa rhodei Moser *et al.*, 1989

ACT *Petroscirtes fallax* Smith-Vaniz, 1976 [-]; gall bladder; R21 (658, 802)

Ceratomyxa robertsthomsoni Gunter *et al.*, 2009

ACT *Liza vaigiensis* (Quoy & Gaimard, 1825) [square-tail mullet]; gall bladder (+ PCR); R21 (1783)

Ceratomyxa seriolae Yokoyama & Fukoda, 2001

ACT *Seriola lalandi* Valenciennes, 1833 [yellowtail kingfish] syn. *S. grandis*; gall bladder; R14, R16 (1776)

Ceratomyxa sewelli Gunther & Adlard, 2008

ACT *Pomacentrus wardi* Whitley, 1927 [Ward's damselfish]; gall bladder (+ PCR); R21 (1745)

Ceratomyxa sprengi Moser *et al.*, 1989

ACT *Chaetodon aureofasciatus* Macleay, 1878 [-]; gall bladder; R21 (658, 802)

ACT *Chaetodon rainfordi* McCulloch, 1923 [northern butterfly fish]; gall bladder; R21 (658, 802)

ACT *Choerodon venustus* (De Vis, 1884) [Venus tuskfish]; gall bladder; R21 (658, 802)

ACT *Lutjanus amabilis* (De Vis, 1885) [crimson hussar]; gall bladder; R21 (658, 802)

ACT *Suggrundus bosschei* (Bleeker, 1860) [-]; gall bladder; R21 (658, 802)

Ceratomyxa talboti Gunther & Adlard, 2008

ACT *Dischistodus chrysopoecilus* (Schlegel & Muller, 1839) [lagoon damselfish]; gall bladder (+ PCR); R21 (1745)

ACT *Chrysiptera cyanae* (Quoy & Gaimard, 1825) [sapphire devil]; gall bladder (+ PCR); R21 (1745)

ACT *Plectroglyphidodon leucozonus* (Bleeker, 1859) [singlebar devil]; gall bladder (+ PCR); R21 (1745)

ACT *Neoglyphidodon melas* (Cuvier, 1830) [bowtie damselfish]; gall bladder (+ PCR); R21 (1745)

ACT *Pomacentrus chrysurus* (Cuvier, 1830) [whitetail damselfish]; gall bladder (+ PCR); R21 (1745)

Ceratomyxa thalassomae Heiniger *et al.*, 2008

ACT *Thalassoma lunare* (Linnaeus, 1758) [moon wrasse]; gall bladder (+ PCR); R21 (1746)

Ceratomyxa whippsi Gunter & Adlard, 2009

ACT *Cephalopholis boenak* (Bloch, 1790) [brown-barred rockcod, chocolate hind]; gall bladder (+ PCR); R21 (1773)

ACT *Abudefduf whitleyi* (Allen & Robertson, 1974) [Whitley's sergeant]; muscles (+ PCR); R21 (1791)

- ACT *Acanthochromis polyacanthus* (Bleeker, 1855) [spiny chromis, spiny puller]; muscles (+ PCR); R21 (1791)
- ACT *Amphiprion akindynos* Allen, 1972 [Barrier Reef anemonefish]; muscles (+ PCR); R21 (1791)
- ACT *Amphiprion melanopus* Bleeker, 1852 [fire clownfish]; muscles (+ PCR); R21 (1791)
- ACT *Chromis viridis* (Cuvier, 1830) [blue green damselfish]; muscles (+ PCR); R21 (1791)
- ACT *Neoglyphidodon melas* (Cuvier, 1830) [bowtie damselfish]; muscles (+ PCR); R21 (1791)
- ACT *Pomacentrus chrysurus* (Cuvier, 1830) [whitetail damsel]; muscles (+ PCR); R21 (1791)
- ACT *Apogon properuptus* (Whitley, 1964) [southern orange-lined cardinal fish]; muscles (+ PCR); R21 (1791)

***Ceratomyxa yokoyamai* Gunter & Adlard, 2009**

- ACT *Epinephelus maculatus* (Bloch, 1790) [highfin grouper]; gall bladder (+ PCR); R21 (1773)

***Ceratomyxa* sp.**

- ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; gall bladder; R13 (669)
- ACT *Centropogon australis* (White, 1790) [southern fortescue]; gall bladder; R13 (669)
- ACT *Chaetodon trifasciatis* Park, 1797 [-]; gall bladder; R21 (658, 802)
- ACT *Epinephelus quoyanus* (Cuvier & Valenciennes, 1830) [wire netting cod]; gall bladder; R13, R21 (658, 802, 899)
- ACT *Herklotsichthys castelnaui* (Ogilby, 1897) [silver herring]; gall bladder; R13 (669)
- ACT *Labroides australis* Randall, 1981 [-]; gall bladder; R21 (658, 802)
- ACT *Labroides* sp.; gall bladder; R21 (658, 802)
- ACT *Lutjanus bohar* (Forsskål, 1775) [red bass]; gall bladder; R13 (899)
- ACT *Ostracion cubicus* Linnaeus, 1758 [-]; gall bladder; R21 (658, 802)
- ACT *Plectropomus leopardus* (Lacepede, 1802) [leopard coral trout]; gall bladder; R13, R21 (658, 802, 899)
- ACT *Scorpis lineolatus* Kner, 1865 [silver sweep]; NR; R13 (669)
- ACT *Sufflamen chrysopterus* (Bloch & Schneider, 1801) [flagtail triggerfish, halfmoon triggerfish] syn. *S. chrysopterus*; gall bladder; R21 (658, 802)

***Leptotheca beveridgei* Moser et al., 1989**

- ACT *Scorpaenopsis gibbosus* (Bloch & Schneider, 1801) [-]; gall bladder; R21 (658, 802)

***Leptotheca* sp.**

- ACT *Terapon jarbua* (Forskål, 1775) [-]; gall bladder; R21 (658, 802)

Family: SPHAEROSPORIDAE

***Hoferellus carasii* Akhmerov, 1960; syn. *Mitraspora cyprini* Fujita, 1912**

- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; kidney; RU (858)

***Hoferellus cyprini* (Doflein, 1898)**

- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; kidney; RU (627)

***Mitraspora* sp.**

- ACT *Cyprinus carpio* [European carp]; kidney; R1, R3, R6 (627)

***Sphaerospora aldrichettae* Su & White, 1994**

- ACT *Aldrichetta forsteri* (Cuvier & Valenciennes, 1836) [yellow-eyed mullet]; gall bladder; R15 (1110)

***Sphaerospora mayi* Moser et al., 1989**

ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; gall bladder; R21 (658, 802)

***Sphaerospora* sp.**

ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; kidney; R13 (1025)

ACT *Cyprinus carpio* [European carp]; kidney; R1, R3, R4, R6 (627)

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

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

Family: CHLOROMYXIDAE

***Chloromyxum noblei* Moser et al., 1989**

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

CHO *Taeniura lymma* (Forsk. 1775) [blue-spotted ray]; gall bladder; R21 (658, 802)

***Chloromyxum pristiophori* Woolcock, 1935**

CHO *Pristiophorus cirratus* (Latham, 1793) [common saw shark]; gall bladder; R14 (79, 1255)

***Chloromyxum* sp.**

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

ACT *Gyrinocheilus aymonieri* (Tirant, 1883) [Siamese headbreather, sucking catfish]; gall bladder; RU (imported) (1405)

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

Suborder: PLATYSPORINA [polar capsules in sutural plane]

Family: COCCOMYXIDAE

***Auerbachia caranxi* Heiniger et al., 2011**

ACT *Caranx papuensis* Alleyne & MacLeay, 1877 [brassy trevally]; gall bladder (+ PCR); R21 (1870)

***Auerbachia chaetodoni* Heiniger et al., 2011**

ACT *Chaetodon unimaculatus* Bloch, 1787 [teardrop butterflyfish]; gall bladder (+ PCR); R21 (1870)

***Auerbachia scomberoidi* Heiniger et al., 2011**

ACT *Scomberoides lysan* (Forsskal, 1775) [double-spotted queenfish]; gall bladder (+ PCR); R21 (1870)

***Coccomyxa colurodontidis* Heiniger et al., 2011**

ACT *Colurodontis paxmani* Hutchins, 1977 [Paxman's leatherjacket]; gall bladder (+ PCR); R21 (1870)

***Coccomyxa gobioidi* Heiniger et al., 2011**

ACT *Gobiodon citrinus* (Ruppell, 1838) [poison goby]; gall bladder (+ PCR); R21 (1870)

Family: MYXOBOLIDAE

***Henneguya australis* Johnston & Bancroft, 1918**

- ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gills; R10 (34, 79, 584, 839, 1030)
- Henneguya gracilis*** Johnston & Bancroft, 1918
 ACT *Scortum hillii* (Castelnau, 1877) [Hills grunter]; gill filaments; R10 (79, 584, 627)
- Henneguya lesteri*** Hallett & Diamant, 2001
 ACT *Sillago analis* Whitley, 1943 [golden-lined whiting]; gills (+ PCR); R13 (1445)
- Henneguya* sp.**
 ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; gill, gut, fin, cornea; R13 (1024)
 ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; NR; RU (627, 1030)
 ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [blackfish]; gills; R13 (669)
 ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gills; 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 acanthopagri*** Lom & Dykova, 1994
 ACT *Acanthopagrus australis* (Günther, 1859) [common marine bream, yellowfin bream]; intestines; R13 (1526)
- Myxobolus aldrichetti*** Su & White, 1994
 ACT *Aldrichetta forsteri* (Cuvier & Vaenciennes, 1836) [yellow-eyed mullet]; gills; R15 (1110)
- Myxobolus cerebralis*** Hofer, 1903
 ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; cartilage; RU (670)
- Myxobolus coneii*** Lom & Dykova, 1994
 ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; liver; R13 (1526)
- Myxobolus episquamalis*** Egusa *et al.*, 1990
 ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; scales, fins; R13 (1021)
- Myxobolus fallax*** Browne *et al.*, 2002
 AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; testes; R2 (1324, 1880, 1905)
- Myxobolus galaxii*** Langdon, 1990
 ACT *Galaxias olidus* Gunther, 1866 [mountain galaxias]; spinal cord; R2 (629)
- Myxobolus girellae*** Lom & Dykova, 1994
 ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [luderick, blackfish]; kidney, caeca; R13 (1526)
- 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, 1880)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; NR; RU (1790)

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 purkynjei Lom & Dykova, 1994

ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [luderick, blackfish]; gills; R13 (1526)

Myxobolus rohdei Lom & Dykova, 1994

ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; kidney; R13 (1526)

Myxobolus spinacurvatura Lom & Dykova, 1994

ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; intestines, liver, gall bladder; R13 (1526)

***Myxobolus* sp.**

ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; liver, gut; R13 (669, 1024)

ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; skin; RU (858)

ACT *Chaetodon rainfordi* McCulloch, 1923 [northern butterfly fish]; kidney; R21 (658)

ACT *Crenimugil labiosus* (Cuvier & Valenciennes, 1836) [-]; gall bladder; R21 (658, 802)

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

ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [blackfish]; pyloric caeca; R13 (669)

ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; skin, gall bladder, intestines; R13, R21 (144, 658, 669, 802)

ACT *Platycephalus bassensis* Cuvier & Valenciennes, 1829 [sand flathead]; brain; R14 (1020)

ACT *Pseudocaranx dentex* (Bloch & Schneider, 1801) [silver trevally]; liver; R13 (669)

ACT *Sufflamen chrysopterus* (Bloch & Schneider, 1801) [flagtail triggerfish, halfmoon triggerfish] syn. *S. chrysopterus*; kidney; R21 (658)

AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; genitals; R2 (209, 212, 561, 1880)

AMP *Litoria caerulea* (White, 1790) [green tree frog] syn. *Hyla caerulea*; NR; RU (1880)

AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; NR; RU (1880)

AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog] syn. *Hyla lesueuri*; NR; RU (1880)

AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog] syn. *Hyla peronii*; NR; RU (1790, 1880)

AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog]; NR; RU, R2 (1880, 1906)

Myxosoma ogilbyi Johnston & Bancroft, 1918

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

***Myxosoma* sp.**

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

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

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

ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; gills; R4 (35, 1030)

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; gills; R4 (35, 1030)

Order: MULTIVALVULIDA [spore with 3 or more valves]

Family: TRILOSPORIDAE

Unicapsula seriolae Lester, 1982

ACT *Seriola lalandi* Valenciennes, 1833 [yellowtail kingfish] syn. *S. grandis* Castelnau, 1872; muscle; R13 (144, 628, 634, 655, 670, 803, 858, 1776, 1777)

***Unicapsula* sp.**

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

ACT *Argyrosomus japonicus* Temminck & Schlegel, 1843 [mulloway, Japanese croaker]; muscle (+ PCR); R13 (1708)

Family: HEXACAPSULIDAE

***Hexacapsula* sp.**

ACT *Grammatorcynus bicarinatus* (Quoy & Gaimard, 1825) [shark mackerel]; muscle (+ PCR); R13 (1708)

ACT *Scomberomorus commerson* (Lacepede, 1800) [narrow-barred Spanish mackerel]; muscle (+ PCR); R13 (1708)

ACT *Thalassoma lunare* (Linnaeus, 1758) [moon wrasse]; muscle (+ PCR); R13 (1708)

Family: KUDOIDAE

Kudoa amamiensis Egusa & Nakajima, 1980

ACT *Abudefduf bengalensis* (Bloch, 1787) [Bengal sergeant]; muscles (+ PCR); R21 (1744)

ACT *Abudefduf whitleyi* (Allen & Robertson, 1974) [Whitley's sergeant]; muscles (+ PCR); R21 (1744)

ACT *Caranx sexfasciatus* Quoy & Gaimard, 1825 [bigeye trevally]; muscles (+ PCR); R21 (1744)

ACT *Pempheris ypsilychnus* (Mooi & Jubb, 1996) [sweeper]; muscle (+ PCR); R21 (1707)

Kudoa ciliatae Lom *et al.*, 1992

ACT *Sillago analis* Whitley, 1943 [golden-lined whiting]; intestine; R13 (443)

ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; intestine; R13 (443, 669)

ACT *Sillago maculata* Quoy & Gaimard, 1824 [winter whiting]; intestine; R13 (443)

Kudoa chaetodoni Burger *et al.*, 2007

ACT *Chaetodon unimaculatus* Bloch, 1787 [teardrop butterflyfish]; brain; R21 (1333)

Kudoa grammatorcyni Adlard, Bryant, Whipps & Kent, 2005

ACT *Grammatorcynus bicarinatus* (Quoy & Gaimard, 1825) [shark mackerel]; muscles; R21 (1281)

Kudoa gunterae Burger & Adlard, 2009

ACT *Abudefduf sexfasciatus* (Lacepede, 1801) [scissortail sergeant]; muscles (+ PCR); R21 (1791)

ACT *Abudefduf septemfasciatus* (Cuvier, 1830) [banded sergeant]; muscles (+ PCR); R21 (1791)

ACT *Abudefduf sordidus* (Forsskal, 1775) [blackspot sergeant]; muscles (+ PCR); R21 (1791)

ACT *Apogon properuptus* (Whitley, 1964) [southern orange-lined cardinal fish]; muscles (+ PCR); R21 (1791)

ACT *Chromis viridis* (Cuvier, 1830) [blue green damselfish]; muscles (+ PCR); R21 (1791)

ACT *Chrysiptera cyanae* (Quoy & Gaimard, 1825) [sapphire devil]; muscles (+ PCR); R21 (1791)

ACT *Dascyllus aruanus* (Linnaeus, 1758) [whitetail dascyllus]; muscles (+ PCR); R21 (1791)

ACT *Dischistodus pseudochrysopoecilus* (Allen & Robertson, 1974) [monarch damsel]; muscles (+ PCR); R21 (1791)

- ACT *Neoglyphidodon melas* (Cuvier, 1830) [bowtie damselfish]; muscles (+ PCR); R21 (1791)
- ACT *Plectroglyphidodon leucozonus* (Bleeker, 1859) [singlebar devil]; muscles (+ PCR); R21 (1791)
- ACT *Pomacentrus chrysurus* (Cuvier, 1830) [whitetail damselfish]; muscles (+ PCR); R21 (1791)
- Kudoa kenti*** Burger & Adlard, 2009
- ACT *Amphiprion melanopus* Bleeker, 1852 [fire clownfish]; muscles (+ PCR); R21 (1791)
- ACT *Amphiprion akindynos* Allen, 1972 [Barrier Reef anemonefish]; muscles (+ PCR); R21 (1791)
- ACT *Dischistodus perspicillatus* (Cuvier, 1830) [white damselfish]; muscles (+ PCR); R21 (1791)
- ACT *Plectroglyphidodon leucozonus* (Bleeker, 1859) [singlebar devil]; muscles (+ PCR); R21 (1791)
- Kudoa lethrini*** Burger *et al.*, 2007
- ACT *Gymnocranius audleyi* Ogilby, 1916 [collared large-eye bream]; brain; R21 (1333)
- ACT *Lethrinus harak* Forsskal, 1775 [thumbprint emperor]; brain; R21 (1333)
- Kudoa minithyrsites*** Whipps *et al.*, 2003
- ACT *Pempheris ypsilychnus* (Mooi & Jubb, 1996) [sweeper] ; muscle (+ PCR); R21 (1707, 1708)
- Kudoa monodactyli*** Gunter *et al.*, 2006
- ACT *Monodactylus argentatus* (Linnaeus, 1758) [silver batfish]; muscles (+ PCR); R13 (1443)
- Kudoa paraquadricornis*** Burger & Adlard, 2009
- ACT *Caranx ignobilis* (Forsskal, 1775) [giant trevally]; muscles (+ PCR); R21 (1791)
- ACT *Carangoides plagiotaenia* Bleeker, 1857 [barcheek trevally]; muscles (+ PCR); R21 (1791)
- ACT *Caranx papuensis* Alleyne & MacLeay, 1877 [brassy trevally]; muscles (+ PCR); R21 (1791)
- ACT *Caranx sexfasciatus* Quoy & Gaimard, 1825 [bigeye trevally]; muscles (+ PCR); R21 (1791)
- Kudoa permulticapsula*** Whipps *et al.*, 2003
- ACT *Scomberomorus commerson* (Lacepede, 1800) [narrow-barred Spanish mackerel]; muscle (+ PCR); R21 (1706, 1708, 1777)
- Kudoa quadricornis*** Whipps *et al.*, 2003
- ACT *Carangoides fulvoguttatus* (Forsk., 1775) [gold-spotted trevally] ; muscle (+ PCR); R21 (1706, 1708)
- Kudoa scomberomori*** Adlard, Bryant, Whipps & Kent, 2005
- ACT *Scomberomorus commerson* (Lacepede, 1800) [narrow-barred Spanish mackerel]; muscles; R21 (1281)
- Kudoa thalassomi*** Adlard, Bryant, Whipps & Kent, 2005
- ACT *Thalassoma lunare* (Linnaeus, 1758) [moon wrasse]; muscles; R21 (1281)
- Kudoa thyrsites*** (Gilchrist, 1924); syn. *Chloromyxum thyrsites* (Gilchrist, 1924)
- ACT *Coryphaena hippurus* Linnaeus, 1758 [dolphin fish, mahi mahi]; muscles (+ PCR); R13, R18 (628, 632, 633, 634, 670, 858, 1705, 1707)
- 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 *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; muscles; R3 (1570)

- 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 whippsi Burger & Adlard, 2009

- ACT *Abudefduf bengalensis* (Bloch, 1787) [Bengal sergeant] ; muscles (+ PCR); R21 (1791)

***Kudoa* sp.**

- ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; muscles; R1 (629)
 ACT *Seriola lalandi* Valenciennes, 1833 [yellowtail kingfish] syn. *S. grandis* Castelnau, 1872; muscle; R21 (79, 658, 1017, 1776)
 ACT *Thunnus maccoyii* Castelnau, 1872 [southern bluefin tuna]; muscles, nerves; R18 (629, 858, 1803)
 CHO *Hemiscyllium ocellatum* (Bonnaterre, 1788) [epaulette shark]; muscle; R21 (474)

Family: PENTACAPSULIDAE

Pentacapsula neurophila Grossel *et al.*, 2003

- ACT *Latris lineata* (Bloch & Schneider, 1801) [Tasmanian trumpeter]; brain (+ PCR); R3 (1441, 1708, 1777)

INCERTAE SEDIS

***Myxosporidium* sp.**

- AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; NR; RU (464)

Unidentified myxozoan

- ACT *Chaetodon aureofasciatus* Macleay, 1878 [-]; gall bladder; R21 (802)
 ACT *Chaetodon trifasciatis* Park, 1797 [-]; gall bladder; R21 (802)
 ACT *Choerodon cyanodus* (Richardson, 1843) [-]; gall bladder; R21 (658, 802)
 ACT *Chromis atripectoralis* Welander & Schultz, 1951 [-]; gall bladder; R21 (802)
 ACT *Epinephelus fasciatus* (Forsk., 1775) [black-lipped rock-cod]; gall bladder; R21 (658, 802)
 ACT *Gymnocranius bitorquatus* Cockerell, 1916 [-]; gall bladder; R21 (658, 802)
 ACT *Lutjanus carponotatus* (Richardson, 1842) [yellow stripey]; gall bladder; R21 (658, 802)
 ACT *Monacanthus chinensis* Osbeck, 1765 [fan-bellied leatherjacket]; urinary bladder; R13 (669)
 ACT *Mugil cephalus* Linnaeus, 1758 [sea mullet]; gall bladder; R21 (802)
 ACT *Pempheris compressus* Shaw, 1790 [smallscale bullseye]; liver; R13 (669)
 ACT *Plectropomus leopardus* (Lacepede, 1802) [leopard coral trout]; gall bladder; R21 (802)
 ACT *Pomacentrus wardi* Whitley, 1927 [-]; gall bladder; R21 (658, 802)
 ACT *Siganus punctatus* (Bloch & Schnieder, 1801) [gold-spotted spinefoot]; gall bladder; R21 (658, 802)
 ACT *Sparus* sp.; internal organs; R13 (23, 79)
 ACT *Tetractenos glaber* (Freminville, 1813) [smooth toadfish]; gall bladder; R13 (669)
 ACT *Trachinotus blochi* (Lacepede, 1802) [snub-nosed dart]; gall bladder; R21 (658, 802)
 ACT Unidentified mullet species; internal organs; R13 (23, 79)

Class: ACTINOSPORA [actinosporidia, spores with 3 polar capsules and 3 valves]

Order: ACTINOMYXIDA [parasites of aquatic worms]

Family: SPHAEROACTINOMYXIDAE

***Endocapsa rosulata* Hallett et al., 1999**

- ANN *Heterodrilus keenani* Erseus, 1981; coelum, intestines; R21 (1447, 1448, 1777)
 ANN *Thalassodrilides gurwitschi* (Hrabe, 1971); coelum, intestines; R21 (1447, 1448)
 ANN *Heronidrilus* sp.; coelum, intestines; R21 (1447, 1448)
 ANN Unidentified tubificid worms; coelum; R13, R21 (1448)

***Endocapsa stepheni* Hallett et al., 1999**

- ANN *Heterodrilus keenani* Erseus, 1981; coelum; R21 (1447, 1448)
 ANN *Heterodrilus queenslandicus* (Jamieson, 1977); coelum; R21 (1447, 1448)
 ANN Unidentified tubificid worms; coelum; R21 (1447, 1448)

***Endocapsa* sp.**

- ANN Unidentified tubificid worms; coelum; R13 (1448)

***Sphaeractinomyxon ersei* Hallett et al., 1998**

- ANN *Bathydriulus* sp.; coelum; R21 (1447, 1448)
 ANN *Doliodrillus diverticulatus* Erseus, 1985 [oligochaete]; coelum, intestines; R13 (444, 1448)
 ANN *Limnodriloides lateroporus* Erseus, 1997; coelum; R21 (1447, 1448)
 ANN *Limnodriloides victoriensis* Brinkhurst & Baker, 1979; coelum; R13 (1448)
 ANN *Thalassodrilides gurwitschi* (Hrabe, 1971); coelum; R21 (1447, 1448)
 ANN Unidentified tubificid spp.; coelum; R13, R21 (1446, 1448)

***Sphaeractinomyxon leptocapsula* Hallett et al., 1999**

- ANN *Heronidrilus* sp. ; coelum; R21 (1447, 1448)

***Sphaeractinomyxon* spp.**

- ANN Unidentified tubificid spp.; coelum; R13 (1448)

***Tetraspora discoidea* Hallett & Lester, 1999**

- ANN *Doliodrillus diverticulatus* Erseus, 1985; coelum; R13 (1446, 1448, 1777)
 ANN Unidentified tubificid spp.; coelum; R13 (1448)

***Tetraspora rotundum* Hallett & Lester, 1999**

- ANN Unidentified tubificid worms; coelum; R13 (1446, 1448)

***Triactinomyxon* sp.**

- ANN *Limnodriloides victoriensis* Brinkhurst & Baker, 1979; coelum; R13 (1448)
 ANN Unidentified tubificid worms; coelum; R13 (1448)

Phylum: HAPLOSPORIDIA [unicellular spores without polar filaments]

Class: HAPLOSPOREA [haplosporosomes present]

Order: HAPLOSPORIDA [haplosporidia]

Family: HAPLOSPORIIDAE

***Haplosporidium comatulae* Haye et al., 1984**

- ECH *Oligometra serripinna* (Carpentier, 1881) [crinoid]; haemal space; R21 (620)

Haplosporidium sp.

- ANN *Heterodrilus* sp. .; intestines; R21 (1448)
 ANN Unidentified tubificid oligochaetes; intestines; R21 (1448)
 MOL *Pinctada maxima* (Jameson, 1901) [pearl oyster]; digestive gland, heart, gills, muscle; R19, R25 (1459, 1460, 1462, 1719)
 MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster] syn. *Cassostrea amasa*; gills, gut, muscle; R25 (1461, 1462, 1719)

Minchinia sp.

- MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster]; gills (+ PCR); R20 (1798)

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, 1460)

Phylum: PARAMYXEA [spores consisting of several cells enclosed within one another]

Class: MARTEILIIDEA [spore bicellular]

Order: MARTEILIDA [meiosis not detected]

Family: MARTEILIIDAE

Marteilia lengehi Comps, 1976

- MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster] syn. *Cassostrea amasa*; NR; RU (1462)
 MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster] syn. *Crassostrea commercialis*, *S. commercialis*; hepatopancreas; R25 (1460)

Marteilia sydneyi Perkins & Wolf, 1976

- MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster]; NR; R19 (1719)
 MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster]; hepatopancreas (+ PCR); R13, R14, R25 (3, 10, 12, 14, 15, 126, 627, 660, 868, 950, 1023, 1253, 1286, 1302, 1307, 1313, 1460, 1462, 1507, 1508, 1597, 1719)
 MOL *Striostrea mytiloides* (Lamarck, 1819) [tropical oyster, blacklip oyster]; NR; R13 (10, 1253)

Marteilia sp.

- MOL *Pinctada margaritifera* (Linnaeus, 1758) [black-lip pearl oyster]; NR; RU (1302)

Marteilioides branchialis Anderson & Lester, 1992

- MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster]; gills; R13 (12, 14, 1302, 1462)

Marteilioides sp.

- MOL *Saccostrea echinata* (Quoy & Gaimard, 1835) [tropical black-lip oyster]; tissues; R25 (1460, 1462, 1719)

Phylum: CILIOPHORA [ciliates, nuclear dualism]

Subphylum: POSTCILIODESMATOPHORA [somatic kinetids with postciliodesmata]

Class: SPIROTRICHEA [spirotrichs, with oral polykinetids]

Subclass: HETEROTRICHA [heterotrichs, left oral polykinetid not encircling body]

Order: HETEROTRICHIDA [somatic dikinetids, left serial oral polykinetids]

Family: FOLLICULINIDAE

Halofolliculina corallasia Antonius & Lipscomb, 2000

- CNI *Acropora austera* (Dana, 1846) [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora cytherea* (Dana, 1846) [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora gemmifera* (Brook, 1892) [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora grandis* (Brook, 1892) [branching coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora humilis* (Dana, 1846) [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora hyacinthus* (Dana, 1846) [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora intermedia* (Brook, 1891) [branching coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora loripes* (Brook, 1892) [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora microphthalma* (Verrill, 1859) [small staghorn coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora millepora* (Ehrenberg, 1834) [milli staghorn coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora monticulosa* (Bruggemann, 1879) [staghorn coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora muricata* Linnaeus, 1758 [staghorn coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora nasuta* (Dana, 1846) [nosey coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora palifera* (Lamarck, 1816) [cat's paw coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora* sp. [bottlebrush coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora* sp. [bushy coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora* sp. [corymbose coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora* sp. [digitate coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora* sp. [isoporan coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora* sp. [staghorn coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora* sp. [table coral]; ectoparasitic (skeleton eroding band disease); R21 (1805)
- CNI *Acropora* sp. [tabular coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora valida* (Dana, 1846) [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Acropora yongei* Veron & Wallace, 1984 [green slimer coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)

- CNI *Astrepora* spp. [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Echinopora horrida* Dana, 1846 [hedgehog coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Echinopora lamellosa* (Esper, 1795) [whorling stony coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Echinopora* sp. [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Favia* spp. [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Hydnophora rigida* (Dana, 1846) [horn coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Montipora* sp. [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Pocillopora damicornis* (Linnaeus, 1758) [cauliflower or brush coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Pocillopora eydouxi* Milne-Edwards & Haime, 1860 [cauliflower coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Pocillopora meandrina* Dana, 1846 [cauliflower coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Pocillopora* spp. [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Pocillopora verrucosa* (Ellis & Solander, 1786) [rasp coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Porites* spp. [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Seriatopora hystrix* Dana, 1846 [bird's nest coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Seriatopora* spp. [coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)
- CNI *Stylophora pistillata* (Esper, 1792) [smooth cauliflower coral]; ectoparasitic (skeleton eroding band disease); R21 (1807)

Order: CLEVELANDELLIDA [somatic dkinetids, with sutures, mainly symbiotes]

Family: NYCTOTHERIDAE

Nyctotheroides raffae Delvinquier, 1988

- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (1383)
- AMP *Litoria aurea* (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*; intestines; RU (1383)
- AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (1383)
- AMP *Litoria inermis* (Peters, 1867) [floodplain frog]; intestines; R8 (1383)
- AMP *Litoria pallida* Davis *et al.*, 1983 [pale frog]; intestines; R8 (1383)
- AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog]; intestines; RU (1383)
- AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; R8 (1383)
- AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; R8 (1383)
- AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; intestines; R8 (1383)

***Nyctotheroides* sp.**

- AMP *Adelotus brevis* (Gunther, 1863) [tusked frog]; intestines; RU (1383)
- AMP *Bufo marinus* (Linnaeus, 1758) [cane toad]; intestines; R1 (277, 384, 1087, 1383)
- AMP *Cyclorana brevipes* (Peters, 1871) [short-footed frog]; intestines; RU (1383)
- AMP *Cyclorana novaehollandiae* Steindachner, 1867 [New Holland frog]; intestines; RU (1383)
- AMP *Limnodynastes convexiusculus* (Macleay, 1877) [marbled frog]; intestines; RU (1383)
- AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog or pobblebonk]; intestines; RU (1383)
- AMP *Limnodynastes dumerilii* Peters, 1863 [eastern banjo frog]; intestines; RU (1383)

- AMP *Limnodynastes ornatus* (Gray, 1842) [ornate burrowing frog]; intestines; RU (1383)
- AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; intestines; RU (1383)
- AMP *Limnodynastes salmini* Steindachner, 1867 [salmon-striped frog]; intestines; RU (1383)
- AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (1383)
- AMP *Limnodynastes terraereginae* Fry, 1915 [northern banjo frog]; intestines; RU (1383)
- AMP *Litoria alboguttata* (Gunther, 1867) [striped burrowing frog]; intestines; RU (1383)
- AMP *Litoria aurea* (Lesson, 1829) [green and golden bell frog] syn. *Hyla aurea*; intestines; RU (1383)
- AMP *Litoria caerulea* (White, 1790) [green tree frog] syn. *Hyla caerulea*; intestines; RU (1383)
- AMP *Litoria chloris* (Boulenger, 1893) [red-eyed tree frog]; intestines; RU (1383)
- AMP *Litoria cyclorhyncha* (Boulenger, 1882) [spotted-thighed frog]; intestines; RU (1383)
- AMP *Litoria dentata* (Keferstein, 1868) [bleating tree frog]; intestines; RU (1383)
- AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (1383)
- AMP *Litoria fallax* (Peters, 1880) [eastern dwarf tree frog]; intestines; RU (1383)
- AMP *Litoria gracilentata* (Peters, 1869) [dainty green tree frog]; intestines; RU (1383)
- AMP *Litoria inermis* (Peters, 1867) [floodplain frog]; intestines; RU (1383)
- AMP *Litoria latopalmata* Gunther, 1867 [broad-palmed frog]; intestines; RU (1383)
- AMP *Litoria lesueuri* (Dumeril & Bibron, 1841) [Lesueur's frog] syn. *Hyla lesueuri*; intestines; RU (1383)
- AMP *Litoria moorei* (Copland, 1957) [western green and golden bell frog]; intestines; RU (1383)
- AMP *Litoria nasuta* (Gray, 1842) [rocket frog] syn. *Hyla nasuta*; intestines; RU (1383)
- AMP *Litoria nigrofrenta* (Gunther, 1867) [bridled frog]; intestines; RU (1383)
- AMP *Litoria nyakalensis* Liem, 1974 [Nyakala frog]; intestines; RU (1383)
- AMP *Litoria pallida* Davis *et al.*, 1983 [pale frog]; intestines; RU (1383)
- AMP *Litoria pearsoniana* (Copland, 1961) [Pearson's tree frog]; intestines; RU (1383)
- AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog] syn. *Hyla peronii*; intestines; RU (1383)
- AMP *Litoria raniformis* (Keferstein, 1867) [growling grass frog]; intestines; RU (1383)
- AMP *Litoria revelata* Ingram *et al.*, 1982 [whirring tree frog]; intestines; RU (1383)
- AMP *Litoria rheocola* Liem, 1974 [creek frog]; intestines; RU (1383)
- AMP *Litoria rothii* (De Vis, 1884) [Roth's tree frog]; intestines; RU (1383)
- AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; intestines; RU (1383)
- AMP *Litoria serrata* (Andersson, 1916) [fringed tree frog] syn. *L. eucnemis*; intestines; RU (1383)
- AMP *Litoria tornieri* (Nieden, 1923) [Tornier's frog]; intestines; RU (1383)
- AMP *Litoria tyleri* Martin *et al.*, 1979 [Tyler's tree frog]; intestines; RU (1383)
- AMP *Mixophyes fasciolatus* Gunther, 1864 [great barred frog]; intestines; RU (1383)
- AMP *Mixophyes schevilli* Loveridge, 1933 [northern barred frog]; intestines; RU (1383)
- AMP *Neobatrachus centralis* (Parker, 1940) [trilling frog]; intestines; RU (1383)
- AMP *Neobatrachus pelobatoides* (Werner, 1914) [humming frog]; intestines; RU (1383)
- AMP *Neobatrachus pictus* Peters, 1863 [painted burrowing frog]; intestines; RU (1383)
- AMP *Rana daemeli* (Steindachner, 1868) [wood frog]; intestines; R1 (1383)
- AMP *Ranidella bilingua* (Martin *et al.*, 1980) [bilingual froglet]; intestines; RU (1383)
- AMP *Ranidella parinsignifera* (Main, 1957) [eastern sign-bearing froglet]; intestines; RU (1383)
- AMP *Ranidella signifera* Girard, 1853 [common eastern toadlet]; intestines; RU (1383)
- AMP *Uperoleia laevigata* Keferstein, 1867 [smooth toadlet]; intestines; RU (1383)

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, R2 (978, 1658)
- AMP *Litoria ewingii* (Dumeril & Bibron, 1841) [brown tree frog]; intestines; RU (978)

Nyctotherus termitis Dobell, 1910

ART *Mastotermes darwiniensis* Froggatt, 1897 [giant termite, Great Northern termite]; gut; RU (1113)

Nyctotherus trachysauri Johnston, 1932

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

***Nyctotherus* sp.**

AMP *Limnodynastes dorsalis* (Gray, 1841) [western banjo frog]; gut; R2 (209)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; gut; R2 (209)
 AMP *Limnodynastes tasmaniensis* Gunther, 1858 [spotted grass frog]; intestines; RU (979)
 AMP *Litoria aurea* (Lesson, 1829) [golden bell frog]; intestines; R2 (209, 212)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; colon; R1, R2 (209, 212, 581, 900)
 AMP *Litoria dorsalis* Macleay, 1877 [dwarf rocket frog]; intestines; R2 (212)
 AMP *Litoria peronii* (Tschudi, 1838) [Peron's tree frog]; intestines; R2 (212)
 AMP *Litoria rubella* (Gray, 1842) [desert tree frog]; faeces; R1, R9 (899, 900)
 ART *Periplaneta australasiae* Fabricius, 1775 [house cockroach]; NR, R1 (581)

Paracichlidotherus leeuwenhoekii Grim, 1992

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

Family: SICUOPHORIDAE

Unidentified sicuophorid ciliate

AMP *Rana daemeli* (Steindachner, 1868) [wood frog]; intestines; R1 (1383)

Subphylum: RHABDOPHORA [somatic monokinetids, with ciliary crown around cytostome]

Class: LITOSTOMATEA [tangential transverse ribbon, laterally-directed kinetodesmal fibril]

Subclass: HAPTORIA [free-living carnivores]

Order: PLEUROSTOMATIDA [pleurostomes, slit-like cytostome]

Family: AMPHILEPTIDAE

Pseudoamphileptus macrostoma (Chen, 1955) Foissner, 1985

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

Subclass: TRICHOSTOMATIA [endosymbionts]

Order: VESTIBULIFERA [with vestibulum]

Family: BALANTIDIIDAE

Balantidium coli (Malmstein, 1857) Stein, 1863

MAM *Homo sapiens* Linnaeus, 1758 [human], colon, urogenital tract; RU, R6 (692, 873, 1102, 1215)
 MAM *Sus scrofa* Linnaeus, 1758 [pig]; gut; RU, R1, R2, R3, R6 (167, 653, 692, 1059, 1060, 1102, 1837, 1864)

Balantidium jocularum Grim, 1993

- ACT *Naso tuberosis* Lacepede, 1802 [surgeonfish]; intestines; R21 (428) [type host misidentified and subsequently ammended to *Naso tonganus*]
 ACT *Naso tonganus* Valenciennes, 1835 [bulbnose unicornfish]; intestines; R21 (1799)

Balantidium zebrascopi Grim, 1992

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

***Balantidium* sp.**

- ACT *Siganus fuscescens* (Houttuyn, 1797) [dusky rabbitfish]; gut; R13 (899)
 AMP *Litoria caerulea* (White, 1790) [green tree frog]; colon; R1 (581, 899)
 MAM *Equus caballus* Linnaeus, 1758 [horse]; faeces; R2 (724)

Family: AMYLOVORACIDAE

Amylovorax dehorityi (Cameron *et al.*, 2000) Cameron & O'Donoghue, 2002; syn. *Dasytricha dehorityi*

- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach; R2 (1338, 1340, 1342, 1348, 1349)
 MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; stomach; RU (1348, 1349)
 MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach, zoo; RU (1348, 1349)

Amylovorax dogieli (Cameron *et al.*, 2000) Cameron & O'Donoghue, 2002; syn. *Dasytricha dogieli*

- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; R1 (1338, 1340, 1342, 1348, 1349)

Amylovorax mundayi (Cameron *et al.*, 2000) Cameron & O'Donoghue, 2002; syn. *Dasytricha mundayi*

- MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; stomach; R3 (1338, 1342, 1348, 1349)

Amylovorax quokka Cameron & O'Donoghue, 2002

- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; stomach; R6 (1342, 1349)

***Amylovorax* sp.**

- MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; forestomach; RU (1348)
 MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; forestomach; RU (1348)
 MAM *Macropus eugenii* (Desmarest, 1817) [tammur wallaby]; forestomach; RU (1348, 1349)
 MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby, prettyface wallaby]; stomach; RU (1348, 1349)
 MAM *Petrogale assimilis* Ramsey, 1877 [allied rock-wallaby]; forestomach; RU (1348, 1349)
 MAM *Petrogale godmani* Thomas, 1923 [Godman's rock-wallaby]; forestomach; RU (1348, 1349)
 MAM *Petrogale herberti* Thomas, 1926 [Herbert's rock-wallaby]; forestomach; RU (1348, 1349)
 MAM *Petrogale sharmani* Eldridge & Close, 1992 [Mt. Claro rock-wallaby]; forestomach; RU (1348, 1349)
 MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; forestomach; RU (1348, 1349)
 MAM *Lasiiorhinus latifrons* (Owen, 1845) [southern hairy-nosed wombat]; hindgut; RU (1348, 1349)
 MAM *Vombatus ursinus* (Shaw, 1800) [common wombat]; hindgut; RU (1348, 1349)

Bandia beveridgei Cameron & O'Donoghue, 2002

- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; stomach; R6 (1345, 1348, 1349)

Bandia cribbi Cameron & O'Donoghue, 2002

MAM *Macropus parryi* Bennett, 1835 [whiptail wallaby, prettyface wallaby]; forestomach; R1 (1345, 1348, 1349, 1353)

Bandia deveneyi Cameron & O'Donoghue, 2002

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; forestomach; R1, R5, R6 (1345, 1348, 1349, 1353)

Bandia equimontanensis Cameron & O'Donoghue, 2002

MAM *Petrogale assimilis* Ramsey, 1877 [allied rock-wallaby]; forestomach; R1 (1345, 1348, 1349)

Bandia smalesae Cameron & O'Donoghue, 2002

MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; forestomach; R1 (1345, 1348, 1349, 1353)

Bandia tammar Cameron & O'Donoghue, 2002

MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; forestomach; R5 (1345, 1348, 1349, 1353)

***Bandia* sp.**

MAM *Petrogale sharmani* Eldridge & Close, 1992 [Mt. Claro rock-wallaby]; forestomach; RU (1348, 1349)

Family: ISOTRICHIIDAE

Bitricha obolata Cameron *et al.*, 2000

MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach; R2 (1338, 1348, 1349)

MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; stomach; R5 (1338, 1348, 1349)

Bitricha tasmaniensis Cameron *et al.*, 2000

MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon]; stomach; R3 (1338, 1340, 1348, 1349)

***Dasytricha* sp.**

MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R1 (1509)

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 billardierii* (Desmarest, 1822) [Tasmanian pademelon]; stomach; RU (906)

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

***Isotricha* sp.**

MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R1 (1509)

- 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 billardierii* (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)

Isotricha intestinalis Stein, 1859

- MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Isotricha prostoma Stein, 1859

- MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R6 (1715)
 MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Family: POLYCOSTIDAE

Polycosta parma Cameron & O'Donoghue, 2003

- MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; forestomach; R5 (1346, 1348, 1349)

Polycosta roundi Cameron & O'Donoghue, 2003

- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; forestomach; R1 (1346, 1348, 1349, 1353)

Polycosta Sebastopolensis Cameron & O'Donoghue, 2003

- MAM *Petrogale herberti* Thomas, 1926 [Herbert's rock-wallaby]; forestomach; R1 (1346, 1348, 1349)

Polycosta turniae Cameron & O'Donoghue, 2003

- MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; forestomach; R1 (1346, 1348, 1349, 1353)

***Polycosta* sp.**

- MAM *Macropus agilis* (Gould, 1842) [agile wallaby]; forestomach; RU (1348)
 MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; forestomach; RU (1348)
 MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; forestomach; RU (1348, 1349)
 MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach; RU (1348, 1349)
 MAM *Macropus robustus* Gould, 1841 [common wallaroo]; forestomach; RU (1348, 1349)
 MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; forestomach; RU (1348, 1349)
 MAM *Petrogale assimilis* Ramsey, 1877 [allied rock-wallaby]; forestomach; RU (1348, 1349)
 MAM *Petrogale godmani* Thomas, 1923 [Godman's rock-wallaby]; forestomach; RU (1348, 1349)
 MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; forestomach; RU (1348)

Order: ENTODINIOMORPHIDA [body cilia reduced to girdles, tufts or bands]

Suborder: ENTODINIOMORPHINA [retractable oral cilia]

Family: MACROPODINIDAE

Macropodinium baldense Dehority, 1966

MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; forestomach; R6 (271)

Macropodinium bicolor Cameron *et al.*, 2001

MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; stomach; R1 (1341, 1348, 1349)

Macropodinium ennuensis Dehority, 1966 forma *ennuensis* Cameron *et al.*, 2002

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; forestomach; R4, R5, R6 (271, 1344, 1348, 1349, 1350)

MAM *Macropus rufus* (Desmarest, 1822) [red kangaroo]; forestomach; R6 (271)

Macropodinium ennuensis Dehority, 1966 forma *dentis* Cameron *et al.*, 2002

MAM *Macropus robustus* Gould, 1841 [common wallaroo]; forestomach; R1 (1344)

Macropodinium hallae Cameron *et al.*, 2002

MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; stomach; R5 (1344, 1348, 1349)

Macropodinium marai Cameron *et al.*, 2001

MAM *Thylogale billardierii* (Desmarest, 1822) [Tasmanian pademelon] ; stomach; R3 (1341, 1348, 1349)

Macropodinium moiri Dehority, 1966

MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; forestomach; R6 (271, 1343, 1344, 1348, 1349)

Macropodinium ocallaghani Cameron *et al.*, 2002

MAM *Macropus eugenii* (Desmarest, 1817) [tammar wallaby]; stomach; R5 (1344, 1348, 1349)

Macropodinium petrogale Cameron *et al.*, 2002

MAM *Petrogale godmani* Thomas, 1923 [Godman's rock-wallaby]; stomach; R1 (1344, 1348, 1349)

Macropodinium setonixum Dehority, 1966

MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; forestomach; R6 (271, 1344, 1348, 1349)

Macropodinium spinosus Cameron *et al.*, 2001

MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; R1 (1341, 1348, 1349)

Macropodinium titan Cameron *et al.*, 2002

MAM *Petrogale godmani* Thomas, 1923 [Godman's rock-wallaby]; stomach; R1 (1344, 1348, 1349)

Macropodinium tricresta Cameron *et al.*, 2001

MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; R1 (1341, 1348, 1349)

Macropodinium yalanbense Dehority, 1966

- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; forestomach; R6 (271, 1344, 1348, 1349, 1352)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach; RU, R1 (1339, 1344, 1348, 1349, 1352)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach, zoo; R1 (1344, 1348, 1349, 1350, 1352)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [red-necked wallaby, Bennett's wallaby]; stomach, zoo; R1 (1344, 1348, 1349)

***Macropodinium* sp.**

- MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; R1 (899)
- MAM *Macropus giganteus* Shaw, 1790 [eastern grey kangaroo]; stomach; R1 (899)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; R1 (899)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach; R1 (899)

Megavestibulum kuhri Cameron & O'Donoghue, 2003

- MAM *Wallabia bicolor* (Desmarest, 1804) [swamp wallaby]; forestomach; R1 (1347, 1348, 1349)

Megavestibulum morganorum Cameron & O'Donoghue, 2003

- MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; forestomach; R1 (1347, 1348, 1349)

Family: CYCLOPOSTHIIDAE

Cycloposthium edentatum Strelkow, 1928

- MAM *Macropus dorsalis* (Gray, 1837) [black-striped wallaby]; stomach; R1 (1337, 1348, 1349, 1350)

***Cycloposthium* sp.**

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

Family OPHRYOSCOLECIDAE

Subfamily: ENTODINIINAE

***Entodinium* sp. [= *Entodinia*]**

- MAM *Bos taurus* Linnaeus, 1758 [ox]; rumen; R1 (1509, 1802)
- MAM *Macropus robustus* Gould, 1841 [common wallaroo]; stomach; RU (273)
- MAM *Macropus rufogriseus* (Desmarest, 1817) [Bennett's wallaby]; stomach; RU (273)

Entodinium acutonucleatum Kofoid & MacLennan, 1930

- MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Entodinium caudatum Stein, 1859

- MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Entodinium dubardi Buisson, 1923

- MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Entodinium exiguum Dogiel, 1925

- MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Entodinium longinucleatum Dogiel, 1925MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Entodinium rectangulatum*** Kofoid & MacLennan, 1930MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Entodinium simulans*** Lubinsky, 1957MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Subfamily: DIPODINIINAE

Diplodinium* sp.**MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R1 (1509)Diplodinium dentatum*** Stein, 1858MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Diplodinium rangiferi*** Dogiel, 1925MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Elytroplastron* sp.**MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R1 (1509)***Elytroplastron bubali*** Dogiel, 1928MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Eudiplodinium* sp.**MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R1 (1509)***Eudiplodinium maggii*** Fiorentini, 1889MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Metadinium* sp.**MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R1 (1509)***Metadinium banksi*** Dehority, 1985MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Ostracodinium* sp.**MAM *Bos taurus* Linnaeus, 1758 [ox]; stomach; R1 (1509)

Subfamily: EPIDINIINAE

Epidinium* sp.**MAM *Bos taurus* Linnaeus, 1758 [ox]; rumen; R1 (1509, 1802)Epidinium bicaudatum*** Sharp, 1914MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)***Epidinium caudatum*** Fiorentini, 1889

MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Epidinium ecaudatum Fiorentini, 1889

MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Epidinium parvacaudatum Awerinzew & Mutafova, 1914

MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Epidinium quadricaudatum Sharp, 1914

MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Epidinium tricaudatum Sharp, 1914

MAM *Cervus elaphus* Linnaeus, 1758 [red deer]; stomach; R6 (1381)

Family: TROGLODYTELLIDAE

Troglodytella abrassarti Brumpt & Joyeux, 1912

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

Subphylum: CYRTOPHORA [varied somatic kineties]

Class: PHYLLOPHARYNGEA [somatic monokinetids, oral region with phyllae]

Subclass: PHYLLOPHARYNGIA [free-swimming trophonts, cilia mainly on ventrum]

Order: CYRTOPHORIDA [preoral suture]

Suborder: CHLAMYDODONTINA [flattened]

Family: CHILODONELLIDAE

Chilodonella cyprini (Moroff, 1902) Shulman & Jankovski, 1984

ACT *Anguilla* sp.; gills; R4 (21, 79)

ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; gills; R2, R4 (32, 79, 627)

ACT *Carassius carassius* (Linnaeus, 1758) [Crucian carp]; gills; R2, R4 (32, 79)

ACT *Gadopsis marmoratus* Richardson, 1848 [river blackfish]; skin, gills; R2, R4 (32, 79, 144, 628, 634)

ACT *Galaxias* sp.; gills; R2, R4 (32, 79)

ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; gills; R2, R4 (32, 79, 508, 1030)

ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; gills; R2, R4 (32, 79, 1030)

ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; gills; R2, R4 (32, 79, 1030)

ACT *Mogurnda australis* (Krefft, 1862) [striped gudgeon]; gills; R2, R4 (32, 79)

ACT *Nannoperca australis* Gunther, 1861 [pygmy perch]; gills; R2, R4 (32, 79)

ACT *Retropinna semoni* (Weber, 1895) [Australian smelt]; gills; R2, R4 (32, 79, 1030)

ACT *Salmo gairdneri* Richardson, 1836 [rainbow trout]; gills; R2, R4 (32, 79)

ACT *Salmo trutta* Linnaeus, 1758 [brown trout]; gills; R2, R4 (21, 79)

Chilodonella hexasticha (Kiernik, 1909) Kahl, 1931

ACT *Amniataba percoides* (Günther, 1864) [black-striped grunter]; gills; R10 (624)

- ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills; R4 (144, 1030)
 ACT *Leiopotherapon unicolor* (Gunther, 1859) [spangled perch]; gills; R10 (624)
 ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; gills; R4 (10, 144, 1030)
 ACT *Maccullochella ikei* Rowland, 1993 [Clarence River cod]; gills; R4 (144, 1029, 1030)
 ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; skin, gills; R4 (1030)
 ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 628, 634, 1030)
 ACT *Melanotaenia nigrans* (Richardson, 1843) [mauve rainbow-fish]; gills; R10 (624)
 ACT *Nematalosa erebi* (Gunther, 1868) [bony bream]; gills; R1, R10 (144, 624)
 ACT *Neosilurus* sp.; gills; R10 (624)

Chilodonella piscicola (Zacharias, 1894) Jankovski, 1980 [= *C. cyprini*]

- ACT *Paracheirodon innesi* (Myers, 1936) [neon tetra]; NR; RU (imported) (1405)

***Chilodonella* sp.**

- ACT *Glossolepis incisis* Weber, 1908 [New Guinea rainbow fish]; skin; RU (aquarium) (983)
 ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; gills; R1 (400, 919)
 ACT *Salmo* sp.; NR; RU (839)

Subclass: RHYNCHODIA [adult with special suctorial mouthparts and cilia]

Order: RHYNCHODIDA [somatic thigmotactic field]

Family: SPHENOPHRYIDAE

***Sphenophyra* sp.**

- MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster]; NR; R19 (1719)

Family: ANCISTROCOMIDAE

Unidentified ancistrocomid ciliates

- MOL *Pinctada albina* Lamarck, 1819 [pearl oyster, Shark's Bay shell]; gut; R25 (1460, 1719)
 MOL *Pinctada maxima* (Jameson, 1901) [pearl oyster]; gut; R25 (1460)
 MOL *Pinna bicolor* (Gmelin, 1791) [razorfish]; gut; R25 (1460, 1719)
 MOL *Saccostrea cucullata* (Born, 1778) [hooded oyster] syn. *Cassostrea amasa*; gut; R25 (1460, 1719)
 MOL *Saccostrea echinata* (Quoy & Gaimard, 1835) [tropical black-lip oyster]; gut; R25 (1460, 1719)
 MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster] syn. *Crassostrea commercialis*, *S. commercialis*; gut; R25 (1460, 1719)
 MOL *Haliotis laevigata* Donovan, 1808 [greenlip abalone]; gut; R25 (1719)

Subclass: SUCTORIA [suctorians, adult trophont unciliated with tentacles]

Unidentified suctorian; cuticle; R21 (1415)

- NEM *Desmoscolex* sp. [free-living marine nematode]; cuticle; R21 (1415)
 NEM *Onyx* sp. [free-living marine nematode]; cuticle; R21 (1415)
 NEM *Pseudochromadora cazca* Gerlach, 1956 [free-living marine nematode]; cuticle; R21 (1415)
 NEM *Quadricoma* sp. [free-living marine nematode]; cuticle; R21 (1415)
 NEM *Spirinia* sp. [free-living marine nematode]; cuticle; R21 (1415)

NEM *Tricoma* sp. [free-living marine nematode]; cuticle; R21 (1415)

Order: ENDOGENIDA [cytokinesis endogenous (internal budding)]

Family: ACINETIDAE

Acineta fluviatilis Stokes, 1885

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

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

Acineta tuberosa Ehrenberg, 1833

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

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

***Acineta* sp.**

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

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

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

ART *Scylla serrata* (Forsskål, 1755) [mud crab]; gills; R13 (504)

Family: TOKOPHRYIDAE

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

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

***Tokophrya* sp.**

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

Order: EXOGENIDA [cytokinesis exogenous, budding at surface]

Family: EPHELOTIDAE

***Ephelota* sp.**

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

ART *Euphausia superba* Dana, 1850 [krill]; body surface; R29 (1794)

Family: PODOPHRYIDAE

***Podophrya* sp.**

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

Class: COLPODEA [somatic dikinetids; merotelokinetal stomatogenesis; form cysts]

Order: COLPODIDA [disordered right oral polykinetid, several left oral monokinetid rows]]

Family: COLPODIDAE

Colpoda steinii Maupas, 1883

MAM *Homo sapiens* Linnaeus, 1758 [man]; eye; R5 (1795)

Class: OLIGOHYMENOPHOREA [distinct oral ciliature, radial transverse ribbon]

Subclass: HYMENOSTOMATIA [right paroral dikinetid plus 1-3 left polykinetids]

Order: HYMENOSTOMATIDA [preoral suture, somatic monokinetids]

Suborder: TETRAHYMENINA [no organelle of Lieberkuhn]

Family: TETRAHYMENIDAE

Tetrahymena corlissi Thompson, 1955

ACT *Poecilia reticulata* Peters, 1860 [guppy]; NR; RU (imported) (1405)

Tetrahymena pyriformis (Ehrenberg, 1830) Lwoff, 1947

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

***Tetrahymena* sp.**

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

ACT *Maccullochela peeli* (Mitchell, 1838) [Murray cod]; skin, gills; R4 (144, 1030)

ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 1030)

ACT *Salmo salar* Linnaeus, 1758 [Atlantic salmon]; fin, tail; RU (858)

Suborder: OPHRYOGLENINA [organelle of Lieberkuhn]

Family: ICHTHYOPHTHIRIIDAE

Cryptocaryon irritans Brown, 1951

ACT *Acanthopagrus australis* (Gunther, 1859) [yellowfin bream]; surface; R13, R21 (289, 290, 291, 292, 293, 294)

ACT *Epinephelus quoyanus* (Cuvier & Valenciennes, 1830) [wire netting cod]; surface; R21 (290, 293)

ACT *Gerres subfasciatus* (Cuvier, 1830) [silver biddy]; surface; R13 (290)

ACT *Glaucosoma hebraicum* Richardson, 1845 [dhufish]; skin; R19 (1602)

ACT *Gymnocranius audleyi* Ogilby, 1916 [iodine bream]; surface; R21 (289, 290, 292, 293, 294)

ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; skin, fins; R1, R21 (144, 291, 292, 293, 294, 400, 919)

ACT *Lethrinus miniatus* (Forster in Bloch & Schneider, 1801) [sweetlip emperor, redthroat emperor]; surface; R21 (290)

ACT *Lutjanus carponotatus* (Richardson, 1842) [yellow stripey]; surface; R21 (290)

ACT *Lutjanus russelli* (Bleeker, 1849) [Moses perch]; surface; R13 (290)

ACT *Macquaria novemaculeata* (Steindachner, 1866) [Australian bass]; external surfaces (exptl. infection); R21 (291, 292)

ACT *Plectropomus leopardus* (Lacepede, 1802) [leopard coral trout]; surface; R21 (290)

ACT *Rhabdosargus sarba* (Forsskål, 1775) [tarwhine]; surface; R13 (290)

ACT *Scatophagus argus* (Linnaeus, 1766) [spotted scat]; skin; RU (983)

ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; surface; R13 (290)

ACT *Sillago maculata* Quoy & Gaimard, 1824 [winter whiting]; surface; R13 (290)

ACT *Torquigener hamiltoni* (Richardson, 1843) [Richardson's toadfish]; surface; R13 (290)

ACT *Torquigener pleurogramma* (Regan, 1903) [weeping toadfish]; surface; R13 (290)

Ichthyophthirius multifiliis Fouquet, 1876

ACT *Anguilla australis* Richardson, 1841 [short-finned eel]; body surface; R4 (79, 140)

- ACT *Anguilla* sp.; body surface, fins; R3 (21, 79)
 ACT *Barbus* sp.; skin; RU (983)
 ACT *Bidyanus bidyanus* (Mitchell, 1838) [silver perch]; skin, gills; R4 (144, 1030, 1061)
 ACT *Carassius auratus* (Linnaeus, 1758) [golden carp]; body surface; RU (79, 139, 140, 289, 627, 1026)
 ACT *Gadopsis marmoratus* Richardson, 1848 [river blackfish]; body surface; R2, R4 (79, 138, 140)
 ACT *Galaxias brevipinnis* Gunther, 1866 [climbing galaxias]; body surface; R4 (79, 140)
 ACT *Galaxias maculatus* (Jenyns, 1842) [common galaxias]; body surface; R4 (79, 140)
 ACT *Gobiomorphus gobioides* (Cuvier & Valenciennes, 1837) [bullie]; body surface; R4 (79, 140)
 ACT *Lates calcarifer* (Bloch, 1790) [barramundi]; skin, fins; R1 (144, 400)
 ACT *Maccullochella peeli* (Mitchell, 1838) [Murray cod]; skin, gills; R4 (144, 627, 1030, 1061)
 ACT *Maccullochella macquariensis* (Cuvier & Valenciennes, 1829) [trout cod]; skin, gills; R4 (1030)
 ACT *Macquaria ambigua* (Richardson, 1845) [golden perch]; skin, gills; R4 (144, 627, 1030, 1061)
 ACT *Macquaria australasica* Cuvier & Valenciennes, 1830 [Macquarie perch]; skin, gills; R4 (1030)
 ACT *Melanotaenia eachamensis* Allen & Cross, 1982 [Lake Eacham rainbowfish]; body surface (exptl. infection); R1 (1428)
 ACT *Melanotaenia splendida* (Peters, 1866) [western rainbowfish]; body surface (exptl. infection); R1 (1428)
 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)
 AMP *Limnodynastes peronii* (Dumeril & Bibron, 1841) [striped marsh frog]; body surface of tadpoles (exptl. infection); R1 (1427)

Order: SCUTICOCILIATIDA [scuticociliates, with scuticum or scuticovestige]

Unidentified scuticociliates

- CNI *Acropora cytherea* (Dana, 1846) [coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora grandis* (Brook, 1892) [branching coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora hyacinthus* (Dana, 1846) [coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora intermedia* (Brook, 1891) [branching coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora monticulosa* (Bruggemann, 1879) [staghorn coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora muricata* Linnaeus, 1758 [staghorn coral]; ectoparasitic (+ PCR) (brown band disease); R21 (1804, 1806, 1807)
 CNI *Acropora palifera* (Lamarck, 1816) [cat's paw coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora secale* (Studer, 1878) [staghorn coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora* sp. [corymbose coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora* sp. [digitate coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora* sp. [isoporan coral]; ectoparasitic (brown band disease); R21 (1807)

- CNI *Acropora* sp. [staghorn coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora* sp. [tabular coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora subulata* (Dana, 1846) [coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora valida* (Dana, 1846) [coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Acropora yongei* Veron & Wallace, 1984 [green slimer coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Echinopora* sp. [coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Favia* spp. [coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Montipora* spp. [coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Pocillopora damicornis* (Linnaeus, 1758) [cauliflower or brush coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Pocillopora meandrina* Dana, 1846 [cauliflower coral]; ectoparasitic (brown band disease); R21 (1807)
 CNI *Pocillopora* spp. [coral]; ectoparasitic (brown band disease); R21 (1807)

Suborder: PHILASTERINA [short paroral dikinetid membrane]

Family: PARANOPHRYIDAE

***Paranophrys* sp.**

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

Family: URONEMATIDAE

Uronema nigricans (Mueller, 1786) Florentin, 1901

ACT *Thunnus maccoyii* Castelnau, 1872 [southern bluefin tuna]; brain; R16 (859, 1574, 1575, 1803, 1808)

***Uronema* sp.**

- ACT *Hippocampus abdominalis* Lesson, 1827 [big-belly seahorse]; NR; RU (1223)
 ACT *Latris lineata* (Bloch & Schneider, 1801) [Tasmanian trumpeter]; muscles; RU (637)
 ACT *Parablennius tasmanianus* (Richardson, 1849) [Tasmanian blenny]; NR; RU (1223)
 ACT *Sillago ciliata* Cuvier & Valenciennes, 1829 [sand whiting]; skin, muscle; R14 (391)
 ACT *Thunnus maccoyii* Castelnau, 1872 [southern bluefin tuna]; NR; RU (858, 1223)

Subclass: PERITRICHIA [peritrichs, lack somatic kineties, oral cilia extend from infundibulum]

Order: SESSILIDA [mature trophont sessile]

Family: SCYPHIDIIDAE

Apiosoma campanulata (Timofeev, 1962) Lom, 1966

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

***Apiosoma* sp.**

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

***Scyphidia* sp.**

ANN Unidentified tubificid worms; integument; R13 (1448)

Family: EPISTYLIDIDAE

Epistylis variabilis Stiller, 1942ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (893)ART *Cherax tenuimanus* (Smith, 1912) [marron]; gill, pleopods; R5 (893)***Epistylis* sp.**ART *Cherax albidus* Clark, 136 [white yabby]; exoskeleton; R6 (1486)ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills, pleopods; R5 (175, 893)ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; exoskeleton; R1 (10, 11, 175, 472, 794, 920)ART *Cherax tenuimanus* (Smith, 1912) [marron]; gill, exoskeleton; R1, R5 (10, 175, 472, 794, 893, 920, 1210)ART *Leptodius sanguineus* (Edwards, 1834) [xanthid crab]; gills; R21 (658)ART *Macrobrachium* sp.; exoskeleton; RU (945)ART *Penaeus monodon* Fabricus, 1798 [giant tiger prawn]; gills; R1 (921)ART *Penaeus* sp.; exoskeleton; R1 (659)ART *Scylla serrata* (Forsskål, 1755) [mud crab]; gills; R13 (504)***Rhabdostyla* sp.**ART *Penaeus monodon* Fabricus, 1798 [giant tiger prawn]; gills; R1 (921)

Family: LAGENOPHRYIDAE

Lagenophrys bispinosa Kane, 1965ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; pleopods; R2 (607)***Lagenophrys darwini*** Kane, 1965ART *Cherax destructor* (Clark, 1936) [inland yabby]; 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, 1965ART *Cherax quinquecarinatus* (Gray, 1845) [gilgy]; gills; R6 (607)ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills; R6 (175, 607, 794)***Lagenophrys dungogi*** Kane, 1965ART *Euastacus* sp.; gills; R2 (607, 794)***Lagenophrys engaei*** Kane, 1965ART *Engaeus hemicirratulus* 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, 1965ART *Cherax albidus* Clark, 136 [white yabby]; gills; R2 (607)ART *Cherax destructor* (Clark, 1936) [inland yabby]; gills; R2 (175, 607, 772, 920, 945)ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; gills; R2 (607)***Lagenophrys petila*** Clamp, 1994ART *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 turneri* Kane, 1969**

ART *Macrobrachium rosenbergii* (de Man, 1879) [giant river prawn]; gill lamellae; R8 (1360, 1796)

***Lagenophrys willisi* Kane, 1965**

ART *Cherax albidus* Clark, 136 [white yabby]; gills; R2 (607, 794)

ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R2, R5 (175, 607, 772, 794, 893, 920, 945)

ART *Cherax rotundus* Clark, 1941 [rotund crayfish]; gills; R2 (607, 794)

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

***Lagenophrys* sp.**

ART *Cherax albidus* Clark, 136 [white yabby]; exoskeleton; R6 (1486)

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 nivalis* (Kane, 1969) syn. *Lagenophrys nivalis* Kane, 1969**

ART *Colubotelson searlei* Nicholls, 1944; pereopods, dorsum; R2 (1360, 1796)

***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)

Stylohedra jacobi Kane, 1969

- ART *Engaeus fultoni* Smith & Schuster, 1913; setae; R2 (1796)

Family: OPERCULARIDAE

Operculigera haswelli Clamp & Kane, 2003

- ART *Mesacanthotelson tasmaniae* (Thompson, 1894); pleopods; R3 (1360)

Operculigera inornata Clamp & Kane, 2003

- ART *Colubotelson chiltoni* (Sheppard, 1927); pleopods; R3 (1360)
 ART *Phreatoicopsis terricola* Spencer & Hall, 1896; pleopods; R2 (1360)
 ART *Phreatoicopsis* sp.; pleopods; R2 (1360)

Operculigera montanea Kane, 1969

- ART *Colubotelson joyneri* (Nicholls, 1926); pleopods; R2 (1360)
 ART *Colubotelson searlei* Nicholls, 1944; pleopods; R2 (1360)
 ART *Colubotelson* sp.; pleopods; R2 (1360, 1796)

Operculigera obstipa Clamp, 1991

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

Operculigera zeehanensis Kane, 1969

- ART *Phreatoicoides longicollis* Nicholls, 1943; pleopods; R3 (1360, 1796)

***Operculariella* sp.**

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

***Pyxidium* sp.** (= *Ampullaster*)

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

Family: VAGINICOLIDAE

Vaginicola ampulla Stokes, 1886

- ART *Cherax destructor* (Clark, 1936) [inland yabbie]; gills, pleopods; R5 (893)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, pleopods; R5 (893)

***Vaginicola* sp.**

- 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* sp.**

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)

Family: 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)

***Vorticella* sp.**

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

ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; exoskeleton; R1 (10, 175, 472, 794, 920)

ART *Cherax tenuimanus* (Smith, 1912) [marron]; gills, exoskeleton; R1, R5 (10, 472, 794, 893, 920, 945)

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

ART *Penaeus* sp.; exoskeleton; R1 (659)

Family: ZOOTHAMNIDAE

Zoothamnium sp.

- ART *Cherax quadricarinatus* (von Mortens, 1868) [redclaw]; exoskeleton; R1 (10, 11, 175, 472, 794, 920, 945)
 ART *Cherax tenuimanus* (Smith, 1912) [marron]; exoskeleton; R1 (10, 175, 472, 794, 920, 945)
 ART *Macrobrachium* sp.; exoskeleton; RU (945)
 ART *Penaeus japonicus* Bate, 1888 [Karuma prawn]; gills; R1 (501)
 ART *Penaeus* sp.; exoskeleton; R1 (659)
 ART Unidentified pilumnid species; gills; R21 (658)

Order: MOBILINA [mature trophont mobile, aboral holdfast organelle]

Family: TRICHODINIDAE

***Trichodina acuta* Lom, 1961**

- ACT *Poecilia reticulata* Peters, 1860 [guppy]; skin; R1 (1393)

***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 bassonae* Dove & O'Donoghue, 2005**

- ACT *Selenotoca multifasciata* Richardson, 1846 [banded scat]; fins; R1 (1393)

***Trichodina cribbi* Dove & O'Donoghue, 2005**

- ACT *Hypseleotris galii* (Ogilby, 1898) [firetailed gudgeon]; gills; R4 (1393)
 ACT *Hypseleotris klunzingeri* (Ogilby, 1898) [western carp gudgeon]; gills; R4 (1393)
 ACT *Hypseleotris* sp. [carp gudgeon]; gills; R4 (1393)

***Trichodina diaptomi* Basson & Van As, 1991;**

- ART *Boeckella fluvialis* Henry, 1922 [copepod], surface; R4 (1436)
 ART *Boeckella minuta* Sars, 1896 [copepod], surface; R4 (1436)

***Trichodina heterodentata* Duncan, 1977**

- ACT *Ambassis agassizii* Steindachner, 1867 [olive perchlet]; skin, fins, gills; R1 (1393)
 ACT *Cyprinus carpio* Linnaeus, 1758 [common carp, European carp, golden carp]; skin, fins, gills; R1 (1393)
 ACT *Galaxias maculatus* (Jenyns, 1842) [common galaxias] syn. *G. attenuatus*, *G. scribea*; skin, fins, gills; R1 (1393)
 ACT *Galaxias olidus* Günther, 1866 [mountain galaxias]; skin, fins, gills; R1 (1393)
 ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; skin, fins, gills; R1 (1393)
 ACT *Gerres* sp.; skin, fins, gills; R1 (1393)
 ACT *Glossamia aprion gillii* (Steindachner, 1867) [southern mouth almighty]; skin, fins, gills; R1 (1393)
 ACT *Hypseleotris compressa* (Kreffft, 1864) [empire gudgeon]; skin, fins, gills; R1 (1393)
 ACT *Hypseleotris galii* (Ogilby, 1898) [firetailed gudgeon]; skin, fins, gills; R1 (1393)
 ACT *Hypseleotris klunzingeri* (Ogilby, 1898) [western carp gudgeon]; skin, fins, gills; R1 (1393)
 ACT *Macquaria ambigua* (Richardson, 1845) [golden perch, callop, yellow-belly] syn. *Plectroplites ambiguus*; skin, fins, gills; R1 (1393)

- ACT *Oreochromis mossambicus* (Peters, 1852) [Mozambique tilapia]; skin, fins, gills; R1 (1393)
 ACT *Philypnodon grandiceps* (Kreff, 1864) [big-headed gudgeon]; skin, fins, gills; R1 (1393)
 ACT *Poecilia reticulata* Peters, 1860 [guppy]; skin, fins, gills; R1 (1393)
 ACT *Pseudomugil signifer* Kner, 1866 [Australian blue-eye]; skin, fins, gills; R1 (1393)
 ACT *Xiphophorus helleri* Heckel, 1848 [swordtail]; skin, fins, gills; R1 (1393)
 ACT *Xiphophorus maculatus* Gunther, 1866 [Southern platyfish]; skin, fins, gills; R1 (1393)

***Trichodina jadratica* Raabe, 1958**

- ACT *Nesogobius* sp. [goby]; gills; R15 (1111)

***Trichodina mutabilis* Kazubski & Migala, 1968**

- ACT *Cyprinus carpio* Linnaeus, 1758 [common carp, European carp, golden carp]; fins, gills; R1 (1393)
 ACT *Gambusia holbrooki* (Girard, 1859) [eastern gambusia]; fins, gills; R1 (1393)

***Trichodina nesogobii* Su & White, 1995**

- ACT *Nesogobius* sp. [goby]; gills; R15 (1111)

***Trichodina reticulata* Hirschmann & Partsch, 1955**

- ACT *Carassius auratus* (Linnaeus, 1758) [golden carp, goldfish] syn. *Cyprinus auratus*; skin, fins; R1 (1393)
 ACT *Cyprinus carpio* Linnaeus, 1758 [common carp, European carp, golden carp]; skin, fins; R1 (1393)

***Trichodina* sp.**

- ACT *Atherinomorus capricornensis* (Woodland, 1961) [hardy heads]; NR; 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 *Oxyeotris lineolatus* (Steindachner, 1867) [sleepy cod]; NR; RU (aquarium) (144)
 ACT *Paraglyphidodon melas* (Cuvier & Valenciennes, 1830) [-]; NR; 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* sp.**

ACT *Girella tricuspidata* (Quoy & Gaimard, 1824) [blackfish]; gills; R13 (669)
 ACT *Hypseleotris klunzingeri* (Ogilby, 1898) [western carp gudgeon]; skin; R4 (1030)
 ACT *Myxus elongatus* Gunther, 1861 [sand mullet]; gills; R13 (669)
 ACT *Salmo* sp.; NR; RU (839)

Subclass: APOSTOMATIA [small rosette oral region]

Order: APOSTOMATIDA [apostomes, with oral apparatus]

Unidentified apostome

ART *Penaeus plebejus* Hess, 1865 [eastern king prawn]; gills; RU (919)
 ART *Saron marmoratus* (Nobili, 1904) [shrimp]; gills; R21 (658)

Family: FOETTINGERIIDAE

***Synophrya hypertrophica* Chatton & Lwoff, 1926**

ART *Metapenaeus macleayi* (Haswell, 1879) [eastern school prawn]; gills; R1 (659)
 ART *Penaeus plebejus* Hess, 1865 [eastern king prawn]; gills; R1 (10, 659)

Unidentified foettingeriid ciliate

ART *Euphausia superba* Dana, 1850 [krill]; body surface; R29 (1794)

Subclass: ASTOMATIA [mouthless]

Order: ASTOMATIDA [astomes, endosymbiotes]

***Radiophrya* sp**

ANN Unidentified tubificid worms; intestines; R21 (1448)

Unidentified astomate ciliates

ANN *Grania* sp.; intestines; R21 (1448)

UNIDENTIFIED CILIATES

ART *Alpheus* sp.; gills; R21 (658)
 AVE *Anas gracilis* Buller, 1869 [grey teal]; faeces (culture); R2 (1800)
 AVE *Cygnus atratus* (Latham, 1790) [black swan]; faeces (culture); R2 (1800)
 AVE *Fulica atra* Linnaeus, 1758 [Eurasian coot]; faeces (culture); R2 (1800)
 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)
 MOL *Pinctada* sp. [pearl oyster]; gills; R25 (1719)
 MOL *Saccostrea* sp. [oyster]; gills; R25 (1719)
 MOL *Haliotis laevigata* Donovan, 1808 [greenlip abalone]; gut; R25 (1719)
 MOL *Pinctada maxima* (Jameson, 1901) [pearl oyster]; gut; R25 (1719)

INCERTAE SEDIS

Blastocystis hominis Brumpt, 1912

MAM *Homo sapiens* Linnaeus, 1758 [human], faeces (+ PCR); R1, R2, R8 (80, 117, 118, 119, 185, 319, 470, 552, 742, 1095, 1096, 1097, 1098, 1186, 1217, 1457, 1770, 1812, 1898, 1899)

***Blastocystis* sp.**

- AVE *Anas platyrhynchos* Linnaeus, 1758 [mallard]; faeces; R1 (1101, 1100)
- AVE *Anser anser domesticus* Linnaeus 1758 [domestic goose]; faeces; R1 (1100)
- AVE *Gallus gallus* Linnaeus, 1758 [domestic chicken]; faeces; R1 (119, 185, 1100)
- AVE *Struthio camelus* Linnaeus, 1758 [ostrich]; faeces; R1 (119, 1100)
- MAM *Ateles geoffroyi* Kuhl, 1820 [spider monkey]; faeces (PCR); R6 (zoo animal) (1814)
- MAM *Bettongia penicillata* Gray, 1837 [brush-tailed bettong, woylie]; faeces (+ PCR); R6 (1814)
- 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 *Canis familiaris* Linnaeus, 1758 [dog]; faeces (PCR); R1, R12 (1399, 1814)
- MAM *Cercopithecus aethiops* (Linnaeus, 1758) [green monkey]; faeces (PCR); R6 (zoo animal) (1814)
- MAM *Colobus guereza* Ruppell, 1835 [colobus]; faeces (PCR); R6 (zoo animal) (1814)
- MAM *Dasyurus geoffroyi* Gould, 1841 [western quoll, chuditch]; faeces (+ PCR); R6 (1814)
- MAM *Elephas maximus* Linnaeus, 1758 [Asian elephant]; faeces (+ PCR), zoo animal; R2, R6 (1820)
- MAM *Felis catus* Linnaeus, 1758 [cat]; faeces; R1 (119, 1399)
- MAM *Giraffa camelopardalis rothschildi* Lydekker, 1903 [Rothschild's giraffe]; faeces (+ PCR), zoo animal; R2, R6 (1820)
- MAM *Homo sapiens* Linnaeus, 1758 [man]; faeces (+ PCR); R6 (1814, 1820)
- MAM *Hylobates moloch* (Audebert, 1798) [silvery gibbon]; faeces (PCR); R6 (zoo animal) (1820)
- MAM *Isoodon obesulus* (Shaw, 1797) [southern brown bandicoot, quenda]; faeces (+ PCR); R6 (1814)
- MAM *Lama pacos* Linnaeus, 1758 [alpaca]; faeces; R1 (119)
- MAM *Lama glama* Linnaeus, 1758 [llama]; faeces, circus animal; R1 (119, 1099)
- MAM *Lasiiorhinus latifrons* (Owen, 1845) [southern hairy-nosed wombat]; faeces (+ PCR); R6 (1820)
- MAM *Lemur catta* Linnaeus, 1758 [ring-tailed lemur]; faeces (PCR); R6 (zoo animal) (1814, 1820)
- MAM *Macaca nigra* (Desmarest, 1822) [crested macaque]; faeces (PCR); R6 (zoo animal) (1814, 1820)
- MAM *Macaca tonkeana* (Meyer, 1899) [Tonkean macaque]; faeces (PCR); R6 (zoo animal) (1820)
- MAM *Macropus fuliginosus* (Desmarest, 1817) [western grey kangaroo]; faeces (+ PCR); R6 (1820)
- MAM *Nomascus leucogenys* (Ogilby, 1840) syn. *Hylobates leucogenys* [white-cheeked gibbon]; faeces (PCR); R6 (zoo animal) (1814, 1820)
- MAM *Panthera leo* Linnaeus, 1758 [lion]; faeces, circus animal; R1 (119, 1099)
- MAM *Papio hamadryas* (Linnaeus, 1758) [Hamadryas baboon]; faeces (PCR); R6 (zoo animal) (1814, 1820)
- MAM *Phascolarctos cinereus* (Goldfuss, 1817) [koala]; faeces; R1 (119)
- MAM *Pongo pygmaeus* Linnaeus, 1760 [orang utan]; faeces (PCR); R6 (zoo animal) (1814, 1820)
- MAM *Setonix brachyurus* (Quoy & Gaimard, 1830) [quokka]; faeces (+ PCR); R6 (1820)
- MAM *Sus scrofa* Linnaeus, 1758 [pig]; faeces; R1 (185)
- MAM *Trichosurus vulpecula* (Kerr, 1792) [common brushtail possum]; faeces (+ PCR); R6 (1814)
- MAM *Varecia variegatus* (Kerr, 1792) [black and white ruffed lemur]; faeces (PCR); R6 (zoo animal) (1814, 1820)

***Bonamia ostreae* Pichot *et al.*, 1979**

- MOL *Ostrea* Linnaeus, 1758 [common European oyster]; haemocytes; RU (347)
 MOL *Ostrea lurida* Carpenter, 1864 [native Pacific oyster]; haemocytes; RU (347)

***Bonamia* sp.**

- MOL *Ostrea angasi* Sowerby, 1871 [southern mud oyster]; haemocytes; RU (1462)
 MOL *Ostrea* sp. [oyster]; NR; R19 (1719)

***Dermocystidium* sp.**

- ACT *Coryphaena hippurus* Linnaeus, 1758 [dolphin fish]; muscle, liver, pancreas; R18 (633)

***Mikrocytos roughleyi* Farley *et al.*, 1988**

- MOL *Saccostrea glomerata* (Gould, 1880) [Sydney rock oyster, Moreton Bay rock oyster] ;
 haemocytes; R13 (2, 10, 347, 660, 1452, 1462, 1650)

***Pneumocystis carinii* Delanoë, 1912**

- MAM *Homo sapiens* Linnaeus, 1758 [human], lung; RU, R1, R2 (692, 992, 1102, 1179, 1387, 1426,
 1523)
 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]; NR; R21 (10)
 REP *Crocodylus porosus* Schneider, 1801 [salt water crocodile]; intestines (giant cell enteritis); R1
 (619)

BIBLIOGRAPHY:

List of source publications from which host/parasite records given in this catalogue were abstracted. Numerical prefixes refer to numbers given in parentheses within each checklist entry.

1. Adams M., Andrews R.H., Robinson B., Christy P., Baverstock P.R., Dobson P.J. & Blackler S.J. 1989. A genetic approach to species criteria in the amoeba genus *Naegleria* using allozyme electrophoresis. *Int. J. Parasitol.* 19:823-834.
2. Adlard R.D. & Lester R.J.G. 1995. Development of a diagnostic test for *Mikrocytos roughleyi*, the aetiological agent of Australian winter mortality of the commercial rock oyster, *Saccostrea commercialis* (Iredale & Roughley). *J. Fish Dis.* 18:609-614.
3. Adlard R.D. & Ernst I. 1995. Extended range of the oyster pathogen *Marteilia sydneyi*. *Bull. Eur. Ass. Fish Pathol.* 15:119-121.
4. Akhlaghi M., Munday B.L., Rough K. & Whittington R.J. 1996. Immunological aspects of amoebic gill disease in salmonids. *Dis. Aquatic Org.* 25:23-31.
5. Alder J. & Braley R. 1989. Serious mortality in populations of giant clams on reefs surrounding Lizard Island, Great Barrier Reef. *Aust. J. Mar. Freshwater Res.* 40:205-213.
6. Alexander G.I. 1953. An outbreak of bovine trichomoniasis in Queensland and its control. *Aust. Vet. J.* 29:61-66.
7. Anders R.F., Roberts-Thomson I.C. & Mitchell G.F. 1982. Giardiasis in mice: analysis of humoral and cellular immune responses to *Giardia muris*. *Parasite Immunol.* 4:47-57.
8. Anderson K. & Jamieson A. 1972. Agglutination test for the investigation of the genus *Naegleria*. *Pathol.* 4:273-278.
9. Anderson K. & Jamieson A. 1972. Primary amoebic meningoencephalitis. *Lancet* 22:902-903.
10. Anderson I.G. 1990. Diseases in Australian invertebrate aquaculture. Pp 38-48 in Fifth International Colloquium on Invertebrate Pathology and Microbial Control. (Soc. Invert. Pathol.: Adelaide).
11. Anderson I. 1990. Diseases - what type and how to prevent them. *Aust. Fisheries* 49:32-34.
12. Anderson T.J. & Lester R.J.G. 1992. Sporulation of *Marteilioides branchialis* n. sp. (Paramyxea) in the Sydney rock oyster, *Saccostrea commercialis*: an electron microscope study. *J. Protozool.* 39:502-508.
13. Anderson T.J., Newman L.J. & Lester R.J.G. 1993. Light and electron microscope study of *Urosporidium cannoni* n. sp., a haplosporidian parasite of the polyclad turbellarian *Stylochus* sp. *J. Euk. Microbiol.* 40:162-168.
14. Anderson T.J., McCaul T.F., Boulo V., Robledo J.A.F. & Lester R.J.G. 1994. Light and electron immunohistochemical assays on paramyxean parasites. *Aquat. Living Res.* 7:47-52.
15. Anderson T.J., Adlard R.D. & Lester R.J.G. 1995. Molecular diagnosis of *Marteilia sydneyi* (Paramyxea) in Sydney rock oysters, *Saccostrea commercialis* (Angas). *J. Fish Dis.* 18:507-510.
16. Andrews R.H., Adams M., Boreham P.F.L., Mayrhofer G. & Meloni B.P. 1989. *Giardia intestinalis*: electrophoretic evidence for a species complex. *Int. J. Parasitol.* 19:183-190.
17. Andrews R., O'Donoghue P., Adams M. & Prowse S. 1990. Enzyme markers for the genetic characterization of avian *Eimeria* spp. *Parasitol. Res.* 76:627-629.
18. Andrews R.H., Mayrhofer G., Chilton N.B., Boreham P.F.L. & Grimmond T.R. 1992. Changes in allozyme pattern of the protozoan parasite *Giardia intestinalis*. *Int. J. Parasitol.* 22:403-406.
19. Andrews R.H., Chilton N.B. & Mayrhofer G. 1992. Selection of specific genotypes of *Giardia intestinalis* by growth *in vitro* and *in vivo*. *Parasitol.* 105:375-386.
20. Andrews R.H., Monis P.L. & Mayrhofer G. 1998. Comparison of the levels in intra-specific genetic variation within *Giardia muris* and *Giardia intestinalis*. *Int. J. Parasitol.* 28:1179-1185.
21. Anonymous 1933. Mortality in trout at Plenty Hatcheries. *Salmon and Freshwater Fish Commission Report, Hobart, Tasmania* 11:3-4, 13-14.
22. Anonymous 1946. Researches on "Paludrine" (M.4888) in Australia. *Med. J. Aust.* 1:234-236.
23. Anonymous 1974. Bundaberg fish disease causes concern. *Aust. Fish.* 33:36.

24. Archer J.F. & Walker K.H. 1979. Sarcosporidiosis - research sheds new light on an old problem in the sheep industry. N.S.W. Agric. Gaz. June:11-13.
25. Arundel J.H. 1957. The control of caecal coccidiosis. Aust. Vet. J. 33:256-263.
26. Arundel J.H. 1959. The efficiency and toxicity of pyrimethamine in the control of caecal coccidiosis of chickens. Aust. Vet. J. 35:7-12.
27. Arundel J.H. 1960. Chemotherapy of caecal coccidiosis in chickens. Aust. Vet. J. 36:49-53.
28. Arundel J.H., Barker I.K. & Beveridge I. 1977. Diseases of marsupials. Pp 141-154 in Stonehouse, B. & Gilmore D. (ed.) The Biology of Marsupials. (Macmillan Press: Sydney).
29. Arundel J.H. 1978. Parasitic diseases of the horse. (Veterinary Review No. 18, Post Graduate Foundation in Veterinary Science: University of Sydney).
30. Arundel J.H., Beveridge I. & Presidente P.J. 1979. Parasites and pathological findings in enclosed and free-ranging populations of *Macropus rufus* (Demarest) (Marsupialia) at Menindee, New South Wales. Aust. Wildl. Res. 6:361-379.
31. Arundel J.H. 1981. Wildlife disease of the Pacific Basin - Australia. Pp 18-22 in Fowler M.E. (ed.) Wildlife diseases of the Pacific Basin and other countries. (Proc. 4th Int. Conf. Wildlife Dis. Assoc.: Sydney).
32. Ashburner L.D. & Ehl A.S. 1973. *Chilodonella cyprini* (Moroff), a parasite of freshwater fish and its treatment. Bull. Aust. Soc. Limnol. 5:3-4.
33. Ashburner L.D. 1975. Coccidiosis in an Australian fish, the Macquarie perch, *Macquaria australasica* Cuvier, 1830. Bull. Aust. Soc. Limnol. 5:3-4.
34. Ashburner L.D. 1976. Fish diseases and potential fish diseases in Australia. Animal Quarantine 5:1-7.
35. Ashburner L.D. 1978. Management and diseases of hatchery fish. Pp 387-449 in J.D. Stewart Course for Veterinarians, Fauna - part B (Post Graduate Committee in Veterinary Science: University of Sydney):
36. Ashton N. 1979. Ocular toxoplasmosis in wallabies (*Macropus rufogriseus*). Am. J. Ophthalmol. 88:322-332.
37. Assadmongkol K., Gracey M., Forbes D. & Varavithya W. 1992. *Cryptosporidium* in 100 Australian children SE Asian J. Trop. Med. Public Health 23:132-137.
38. Attwood H.D., Woolley P.A. & Rickard M.D. 1975. Toxoplasmosis in dasyurid marsupials. J. Wildlife Dis. 11:543-551.
39. Atwell R.B. 1975. Prenatal *Babesia bigemina* infection in a calf. Aust. Vet. J. 51:539.
40. Ayala S.C. 1977. Plasmodia of reptiles. Pp 267-309 in Kreier J.P. (ed.) Parasitic Protozoa (Academic Press: New York).
41. Babbage N.F. 1965. An epidemic of miscarriage in humans possibly caused by *Toxoplasma gondii*. Med. J. Aust. 2:485-488.
42. Backhouse T.C. & Bolliger A. 1951. Transmission of Chagas' disease to the Australian marsupial *Trichosurus vulpecula*. Trans. Roy. Soc. Trop. Med. Hyg. 44:521-533.
43. Backhouse T.C. & Bolliger A. 1959. *Babesia tachyglossi* n. sp. from the echidna *Tachyglossus aculeatus*. J. Protozool. 6:320-322.
44. Badenoch P.R., Johnson A.M., Christy P.E. & Coster D.J. 1991. A model of *Acanthamoeba* keratitis in the rat. Rev. Infect. Dis. 13:S445.
45. Baker J.R. 1986. Trichomoniasis, a major cause of vomiting in budgerigars. Vet. Rec. 118:447-449.
46. Bancroft T.L. 1888. Note on *Haematomonas* in rats' blood. Proc. Roy. Soc. Qld. 5:31-32.
47. Bancroft T.L. 1891. Exhibit: two apparently new infusorian parasites in the blood of a frog, *Hyla nasuta*, one of them is referable to the genus *Trypanosoma*. Proc. Roy. Soc. Qld. 8:13.
48. Bancroft T.L. 1927. Flagellates in certain Queensland plants. Proc. Roy. Soc. Qld. 39:22.
49. Barber J.S., Gasser R.B., Ellis J., Reichel M.P., McMillan D. & Trees A.J. 1997. Prevalence of antibodies to *Neospora caninum* in different canid populations. J. Parasitol. 83:1056-1058.
50. Barker S., Calaby J.H. & Sharman G.B. 1963. Diseases of Australian laboratory marsupials. Vet. Bull. 33:539-544.
51. Barker I.K. & Remmler O. 1972. The endogenous development of *Eimeria leuckarti* in ponies. J.

- Parasitol. 58:112-122.
52. Barker I.K., Harrigan K.E. & Dempster J.K. 1972. Coccidiosis in wild grey kangaroos. *Int. J. Parasitol.* 2:187-192.
 53. Barker I.K. & Carbonell P.L. 1974. *Cryptosporidium agni* sp. n. from lambs, and *Cryptosporidium bovis* sp. n. from a calf, with observations on the oocyst. *Z. Parasitenkd.* 44:289-298.
 54. Barker I.K., Munday B.L. & Harrigan K.E. 1975. *Klossiella* spp. in the kidneys of peramelid, petaurid, and macropodid marsupials. *Z. Parasitenkd.* 46:35-41.
 55. Barker I.K., Beveridge I., Bradley A.J. & Lee A.K. 1978. Observations on spontaneous stress-related mortality among males of the dasyurid marsupial *Antechinus stuartii* Macleay. *Aust. J. Zool.* 26:435-447.
 56. Barker I.K., Munday B.L. & Presidente P.J.A. 1979. Coccidia of wombats: correction of host-parasite relationships. *Eimeria wombati* (Gilruth and Bull, 1912) comb. nov. and *Eimeria ursini* Supperer, 1957 from the hairy-nosed wombat and *Eimeria arundeli* sp. n. from the common wombat. *J. Parasitol.* 65:451-456.
 57. Barker I.K., Beveridge, I. & Munday, B.L. 1985. Coccidia (*Eimeria tachyglossi* n.sp., *E. echidnae* n.sp. and *Octosporella hystrix* n.sp.) in the echidna, *Tachyglossus aculeatus* (Monotremata: Tachyglossidae). *J. Protozool.* 32:523-525.
 58. Barker, I.K., Munday, B.L. & Hartley, W.J. 1985. *Klossiella* (Apicomplexa, Klossiellidae) in petaurid and macropodid marsupials in Australia. *J. Protozool.* 32:520-522.
 59. Barker, I.K., O'Callaghan, M.G., Beveridge, I. & Close, R.L. 1988. Host-parasite associations of *Eimeria* spp. (Apicomplexa: Eimeriidae) in rock wallabies, *Petrogale* spp. (Marsupialia: Macropodidae). *Int. J. Parasitol.* 18:353-363.
 60. Barker, I.K., O'Callaghan, M.G. & Beveridge, I. 1988. *Eimeria* spp. (Apicomplexa: Eimeriidae) parasitic in wallabies and kangaroos of the genera *Setonix*, *Thylogale*, *Wallabia*, *Lagorchestes* and *Dendrolagus* (Marsupialia: Macropodidae). *Int. J. Parasitol.* 18:955-962.
 61. Barker, I.K., O'Callaghan, M.G. & Beveridge, I. 1988. *Eimeria* spp. (Apicomplexa: Eimeriidae) parasitic in the rat-kangaroos *Hypsiprymnodon moschatus*, *Potorous tridactylus*, *Aepyprymnus rufescens* and *Bettongia gaimardi* (Marsupialia: Potoroidae). *Int. J. Parasitol.* 18:947-953.
 62. Barker, I.K., O'Callaghan, M.G. & Beveridge, I. 1989. Host-parasite associations of *Eimeria* spp. (Apicomplexa: Eimeriidae) in kangaroos and wallabies of the genus *Macropus* (Marsupialia: Macropodidae). *Int. J. Parasitol.* 19:241-263.
 63. Beames, R.M. 1955. The serological examination of a strain of *Trichomonas foetus* isolated in Queensland. *Qld. J. Agric. Sci.* 12:15-19.
 64. Bearup, A.J. & Lawrence, J.J. 1947. A search for the vector of *Plasmodium pteropi* Breinl. *Proc. Linn. Soc. N.S.W.* 71:197-200.
 65. Bearup, A.J., Lawrence, J.J. & Heydon, G.A.M. 1949. The incidence of parasitic infections in New South Wales. *Med. J. Aust.* 2:7-10.
 66. Bearup, A.J. 1951. Notes and exhibits. *Proc. Linn. Soc. N.S.W.* 76:26.
 67. Bearup, A.J. 1954. The coccidia of carnivores in Sydney. *Aust. Vet. J.* 30:185-186.
 68. Bearup, A.J. 1960. Parasitic infection in cats in Sydney, with special reference to the occurrence of *Ollulanus tricuspis*. *Aust. Vet. J.* 36:352-354.
 69. Beattie, H.E.R. 1955. A bovine "trichomonad cyst". *Aust. Vet. J.* 31:146-147.
 70. Beattie, H.E.R. 1955. Trichomoniasis. *Aust. Vet. J.* 31:42-43.
 71. Becnel, J.J. & Sweeney, A.W. 1990. *Amblyospora trinus* n. sp. (Microsporida: Amblyosporidae) in the Australian mosquito *Culex halifaxi* (Diptera: Culicidae). *J. Protozool.* 37:584-592.
 72. Begg, M., Beveridge, I., Chilton, N.B., Johnson, P.M. & O'Callaghan, M.G. 1995. Parasites of the proserpine rock wallaby, *Petrogale persephone* (marsupialia:macropodidae) *Aust. Mammalogy* 18:45-53.
 73. Bell, I. 1986. Diseases in turkeys. Pp 469-559 in *Poultry Health* (Post-Graduate Committee in Veterinary Science: University of Sydney).
 74. Bennett, G.F., Grenier, E.C., Whiteley, P.L. & Norman, F.I. 1977. Blood parasites of some waterfowl

- from Victoria, Australia. *J. Wildlife Dis.* 13:202-204.
75. Bennett, G.F., Squires-Parsons, D. & Poldmaa, T. 1994. The species of *Haemoproteus*, *Leucocytozoon* and *Trypanosoma* of the Australian honeyeater family Meliphagidae (Aves: Passeriformes). *Mem. Qld. Museum* 37:13-18.
 76. Bennetts, H.W. 1930. *Bacillus welchii* and bowel lesions, with special reference to a case of coccidiosis. *Aust. Vet. J.* 6:153-154.
 77. Bettiol, S.S., Goldsmid, J.M., Le, D.D. & Driessen, M. 1996. The first record of a member of the genus *Hepatozoon* in the eastern barred bandicoot (*Perameles gunnii*) in Tasmania. *J. Parasitol.* 82:829-830.
 78. Bettiol, S.S., Jakes, K., Le, D.D., Goldsmid, J.M. & Hocking, G. 1998. First record of trypanosomes in Tasmanian bandicoots. *J. Parasitol.* 84:538-541.
 79. Beumer, J.D., Ashburner, L.D., Burbury, M.E., Jette, E. & Latham, D.J. 1982. A checklist of the parasites of fishes from Australia and its adjacent Antarctic territories. *Cmwlth. Agric. Bur. Tech. Comm. No. 48* (Thanet Press, Margate).
 80. Biggs, B.A., Megna, R., Wickremesinghe, S. & Dwyer, B. 1987. Human infection with *Cryptosporidium* spp.: results of a 24-month survey. *Med. J. Aust.* 147:175-177.
 81. Binas, M. & Johnson, A.M. 1998. A polymorphism in a DNA polymerase α gene intron differentiates between murine virulent and avirulent strains in *Toxoplasma gondii*. *Int. J. Parasitol.* 28:1033-1040.
 82. Biniss, R.T. 1945. A study of diseases of Australian natives in the Northern Territory. *Med. J. Aust.* 1:421-426.
 83. Binz, N., Thompson, R.C.A., Lymbery, A.J. & Hobbs, R.P. 1992. Comparative studies on the growth dynamics of two genetically distinct isolates of *Giardia duodenalis* *in vitro*. *Int. J. Parasitol.* 22:195-202.
 84. Black, R.H. 1955. Deaths from malaria on the Australian mainland. *Med. J. Aust.* 1:387-388.
 85. Black, R.H. 1959. Haptoglobins and haemoglobins in Australian aborigines. *Med. J. Aust.* 1:175-177.
 86. Black, R.H. 1959. Clinical features of overt vivax malaria seen in Australia: infections acquired in New Guinea. *Med. J. Aust.* 2:591-593.
 87. Black, R.H. 1960. Investigation of blood donors in accidental transfusion malaria - *Plasmodium vivax*, *falciparum* and *malariae* infections. *Med. J. Aust.* 2:446-449.
 88. Black, R.H. 1970. Malaria in Australia, 1969. *Modern Med. Aust.* 13:31-38.
 89. Black, R.H. 1971. Malaria in Australia, 1970. *Modern Med. Aust.* 10:13-25.
 90. Black, R.H. 1972. Malaria in Australia. Commonwealth Department of Health Service Publication No. 9 (Australian Government Publishing Service: Canberra).
 91. Black, R.H. 1976. Malaria in Australia, 1974. *Modern Med. Aust.* 5:29-32.
 92. Black, S.S., Steinohrt, L.A., Bertucci, D.C., Rogers, L.B. & Didier, E.S. 1997. *Encephalitozoon hellem* in budgerigars (*Melopsittacus undulatus*). *Vet. Pathol.* 34:189-198.
 93. Blackburn, M. 1960. A study of condition (weight for length) of Australian barracouta, *Thyrstites atun* (Euphrasen). *Aust. J. Mar. Freshw. Res.* 2:14-41.
 94. Blagburn, B.L., Lindsay, D.S., Hoerr, F.J., Atlas, A.L. & Tovio-Kinnucan, M. 1990. *Cryptosporidium* sp. infection in the proventriculus of an Australian diamond firetail finch (*Staganoplera bella*: Passeriformes, Estrildidae). *Avian Dis.* 34:1027-1030.
 95. Blake, R.T. & Overend, D.J. 1982. The prevalence of *Dirofilaria immitis* and other parasites in urban pound dogs in north-eastern Victoria. *Aust. Vet. J.* 58:111-114.
 96. Blanchard, R. 1885. Note sur les Sarcosporidies et sur un essai de classification de ces Sporozoaires. *Bull. Soc. Zool. Fr.* 10:244-276.
 97. Blanchard, R. 1889. *Traite de Zoologie Medicale*. (J.B. Bailliere et Fils, Paris).
 98. Bock, R.E., deVos, A.J., Lew, A., Kingston, T.G. & Fraser, I.R. 1995. Studies on failure of T strain live *Babesia bovis* vaccine. *Aust. Vet. J.* 72:296-300.
 99. Bock, R.E., devos, A.J., Kingston, T.G. & McLellan, D.J. 1997. Effect of breed of cattle on innate resistance to infection with *Babesia bovis*, *B. bigemina* and *Anaplasma marginale*. *Aust. Vet. J.*

- 75:337-340.
100. Boorman, G.A., Kollias, G.V. & Taylor, R.F. 1977. An outbreak of toxoplasmosis in wallaroos (*Macropus robustus*) in a California Zoo. *J. Wildl. Dis.* 13:64-68.
 101. Boreham, P.F.L., Dondey, J. & Walker, R. 1981. Giardiasis among children in the city of Logan, south east Queensland. *Aust. Pediatr. J.* 17:209-212.
 102. Boreham, P.F.L. & Shepherd, R.W. 1982. Septic systems and *Giardia intestinalis* transmission. *Med. J. Aust.* 2:553.
 103. Boreham, P.F.L. & Shepherd, R.W. 1984. Giardiasis in child-care centres. *Med. J. Aust.* 141:263.
 104. Boreham, P.F.L., Phillips, R.E. & Shepherd, R.W. 1984. The sensitivity of *Giardia intestinalis* to drugs *in vitro*. *J. Antimicrob. Chemotherapy* 14:449-461.
 105. Boreham, P.F.L., Phillips, R.E. & Shepherd, R.W. 1985. A comparison of the *in-vitro* activity of some 5-nitroimidazoles and other compounds against *Giardia intestinalis*. *J. Antimicrob. Chemotherapy* 16:589-595.
 106. Boreham, P.F.L. & Shepherd, R.W. 1985. The treatment of giardiasis. Pp 320-326 in Tzipori, S. (ed.) International Seminar on Diarrhoeal Diseases in South-East Asia and the Western Pacific Region. Infectious Diarrhoea in the Young: Strategies for Control in Humans and Animals. (Elsevier Sci. Pub.: Geelong).
 107. Boreham, P.F.L., Benrimoj, S., Ong, M., Craig, M., Shepherd, R.W., Hill, D. & Singleton, B. 1986. A compliance study in paediatric patients receiving treatment for giardiasis. *Aust. J. Hosp. Pharm.* 16:138-142.
 108. Boreham, P.F.L., Phillips, R.E. & Shepherd, R.W. 1986. The activity of drugs against *Giardia intestinalis* in neonatal mice. *J. Antimicrob. Chemotherapy* 18:393-398.
 109. Boreham, P.F.L. & Phillips, R.E. 1986. Giardiasis in Mount Isa, north-west Queensland. *Med. J. Aust.* 144:524-528.
 110. Boreham, P.F.L., Phillips, R.E. & Shepherd, R.W. 1987. Heterogeneity in the response of clones of *Giardia intestinalis* to anti-giardial drugs. *Trans. Roy. Soc. Trop. Med. Hyg.* 81:406-407.
 111. Boreham, P.F.L. 1987. Transmission of *Giardia* by food and water. *Food Technol. Aust.* 39:61-63.
 112. Boreham, P.F.L., Upcroft, J., Upcroft, P. & Andrews, R. 1988. Zoonotic *Giardia* - the debate goes on. *Parasitol. Today* 4:322.
 113. Boreham, P.F.L., Phillips, R.E. & Shepherd, R.W. 1988. Altered uptake of metronidazole *in vitro* by stocks of *Giardia intestinalis* with different drug sensitivities. *Trans. Roy. Soc. Trop. Med. Hyg.* 82:104-106.
 114. Boreham, P.F.L., Upcroft, J.A. & Upcroft, P. 1990. Changing approaches to the study of *Giardia* epidemiology: 1681-2000. *Int. J. Parasitol.* 20:479-487.
 115. Boreham, P.F.L., Upcroft, J.A. & Upcroft, P. 1991. Biochemical and molecular mechanisms of resistance to nitroheterocyclic drugs in *Giardia intestinalis*. Pp 594-604 in Coombs, G.H. & North, M.J. (ed.) *Biochemical Protozoology*. (Taylor & Francis: London).
 116. Boreham, P.F.L. & Upcroft, J.A. 1991. The activity of azithromycin against stocks of *Giardia intestinalis* *in vitro* and *in vivo*. *Trans. Roy. Soc. Trop. Med. Hyg.* 85:620-621.
 117. Boreham, P.F.L., Upcroft, J.A. & Dunn, L.A. 1992. Protein and DNA evidence for two demes of *Blastocystis hominis* from humans. *Int. J. Parasitol.* 22:49-53.
 118. Boreham, P.F.L. & Stenzel, D.J. 1993. The current status of *Blastocystis hominis*. *Parasitol. Today* 9:251.
 119. Boreham, P.F.L. & Stenzel, D.J. 1993. *Blastocystis* in humans and animals: morphology, biology, and epizootiology. *Adv. Parasitol.* 32:1-70.
 120. Boreham, R.E., Hendrick, S., O'Donoghue, P.J. & Stenzel, D.J. 1998. Incidental finding of *Myxobolus* spores (Protozoa: Myxozoa) in stool samples from patients with gastrointestinal symptoms. *J. Clin. Microbiol.* 36:3728-3730.
 121. Boulton, J.G., Gill, P.A., Cook, R.W., Fraser, G.C., Harper, P.A.W. & Dubey, J.P. 1995. Bovine *Neospora* abortion in north-eastern New South Wales. *Aust. Vet. J.* 72:119-120.
 122. Bourne, G. 1934. Sarcosporidia. *J. Roy. Soc. W.A.* 19:1-8.

123. Bovee, E.C. & Telford, S.R. 1965. *Eimeria scleroporis* and *Eimeria molochis* spp. n. from lizards. J. Parasitol. 51:85-94.
124. Box, E.D. 1981. Observations on *Giardia* of budgerigars. J. Protozool. 28:491-494.
125. Boylan, T., Cunningham, M. & Reddacliff, G. 1985. Cryptosporidiosis in snakes at Taronga zoo. Thylacinus 10:20-21.
126. Bradbury, P.C. 1994. Parasitic protozoa of molluscs and crustacea. Pp 139-264 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
127. Bradbury, P.C. 1994. Ciliates of fish. Pp 81-138 in Kreier, J.P. (ed.) Parasitic Protozoa 2nd. ed. (Academic Press: San Diego).
128. Breinl, A. 1913. Parasitic protozoa encountered in the blood of Australian native animals. Rep. Aust. Inst. Trop. Med. for 1911 (April, 1913):30-38.
129. Breinl, A. & Taylor, F.H. 1918. A malarial survey of the township of Cairns. Med. J. Aust. 2:109-115.
130. Broughton, C.R. & Bearup, A.J. 1953. A case of infection with *Dientamoeba fragilis*. Med. J. Aust. 1:779-780.
131. Brown, D.M., Upcroft, J.A. & Upcroft, P. 1993. Cysteine is the major low-molecular weight thiol in *Giardia duodenalis*. Mol. Biochem. Parasitol. 61:155-158.
132. Brown, D.M., Upcroft, J.A. & Upcroft, P. 1995. Free radical detoxification in *Giardia duodenalis*. Mol. Biochem. Parasitol. 72:47-56.
133. Brown, D.M., Upcroft, J.A. & Upcroft, P. 1996. A thioredoxin reductase-class of disulphide reductase in the protozoan parasite *Giardia duodenalis*. Mol. Biochem. Parasitol. 83:211-220.
134. Brown, D.M., Upcroft, J.A. & Upcroft, P. 1996. A H₂O-producing NADH oxidase from the protozoan parasite *Giardia duodenalis*. Eur. J. Biochem. 241:155-161.
135. Budiarto, I.T., Johnson, P.Jr., Gallina, A.M. & Gaafar, S.M. 1971. Fatal spontaneous coccidiosis in grey kangaroos (*Macropus canguru*). J. Zoo Anim. Med. 2:16-19.
136. Bull, L.B. 1914. Tuberculosis in dogs. Vet. J. 70:34-44.
137. Burrenson, E.M. 1989. Haematozoa of fishes from Heron I., Australia, with the description of two new species of *Trypanosoma*. Aust. J. Zool. 37:15-23.
138. Butcher, A.D. 1941. Outbreaks of white-spot or ichthyophthiriasis (*Ichthyophthirius multifiliis* Fouquet, 1876) at the hatcheries of the Ballarat Fish Acclimatization Society with notes on laboratory experiments. Proc. Roy. Soc. Vic. 53:126-144.
139. Butcher, A.D. 1943. Observations on some phases of the life cycle of *Ichthyophthirius multifiliis* Fouquet, 1876, a ciliate protozoan parasite of freshwater fish. Aust. Zool. 10:125-137.
140. Butcher, A.D. 1947. Ichthyophthiriasis in an Australian trout hatchery. Prog. Fish Cult. 9:21-26.
141. Butcher, A.R., Lumb, R., Coulter, E. & Nielsen, D.J. 1994. Coccidian/cyanobacterium-like body associated diarrhea in an Australian traveller returning from overseas. Pathol. 26:59-61.
142. Butler, T. & DeBoer, W.G.R.M. 1981. *Isospora belli* infection in Australia. Pathol. 13:593-595.
143. Byrne, K.V. 1940. Veterinary notes on a central Riverina district, 1935-1938. Aust. Vet. J. 16:122-126.
144. Callinan, R.B. 1988. Diseases of Australian natives fishes. Pp 459-472 in Fish Diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: Sydney).
145. Callow, L.L. & Hoyte, H.M.D. 1961. Transmission experiments using *Babesia bigemina*, *Theileria mutans*, *Borrelia* sp. and the cattle tick, *Boophilus microplus*. Aust. Vet. J. 37:381-390.
146. Callow, L.L. & Johnston, L.A.Y. 1963. *Babesia* spp. in the brains of clinically normal cattle and their detection by a brain smear technique. Aust. Vet. J. 39:25-31.
147. Callow, L.L. & McGavin, M.D. 1963. Cerebral babesiosis due to *Babesia argentina*. Aust. Vet. J. 39:15-21.
148. Callow, L.L. 1964. Strain immunity in babesiosis. Nature 204:1213-1214.
149. Callow, L.L. 1965. *Babesia bigemina* in ticks grown on non-bovine hosts and its transmission to these hosts. Parasitol. 55:375-381.
150. Callow, L.L. & Mellors, L.T. 1966. A new vaccine for *Babesia argentina* infection prepared in splenectomised calves. Aust. Vet. J. 42:464-465.

151. Callow, L.L. 1967. Sterile immunity, coinfectious immunity and strain differences in *Babesia bigemina* infections. *Parasitol.* 57:455-465.
152. Callow, L.L. & Tammemagi, L. 1967. Vaccination against bovine babesiosis. Infectivity and virulence of blood from animals either recovered from or reacting to *Babesia argentina*. *Aust. Vet. J.* 43:249-256.
153. Callow, L.L. 1968. The infection of *Boophilus microplus* with *Babesia bigemina*. *Parasitol.* 58:663-670.
154. Callow, L.L. 1968. A note on homologous strain immunity in *Babesia argentina* infections. *Aust. Vet. J.* 44:268-269.
155. Callow, L.L. & Parker, R.J. 1969. Cortisone-induced relapses in *Babesia argentina* infections in cattle. *Aust. Vet. J.* 45:103-104.
156. Callow, L.L. & McGregor, W. 1970. The effect of imidocarb against *Babesia argentina* and *Babesia bigemina* infections in cattle. *Aust. Vet. J.* 46:195-200.
157. Callow, L.L., McGregor, W., Parker, R.J. & Dalgliesh, R.J. 1974. Immunity of cattle to *Babesia bigemina* following its elimination from the host, with observations on antibody levels detected by the indirect fluorescent antibody test. *Aust. Vet. J.* 50:12-15.
158. Callow, L.L., McGregor, W., Parker, R.J. & Dalgliesh, R.J. 1974. The immunity of cattle to *Babesia argentina* after drug sterilisation of infections of varying duration. *Aust. Vet. J.* 50:6-11.
159. Callow, L.L. & Pepper, P.M. 1974. Measurement of and correlations between fever, changes in the packed cell volume and parasitaemia in the evaluation of the susceptibility of cattle to infection with *Babesia argentina*. *Aust. Vet. J.* 50:1-5.
160. Callow, L.L., Quiroga, Q.C. & McCosker, P.J. 1976. Serological comparisons of Australian and South American strains of *Babesia argentina* and *Anaplasma marginale*. *Int. J. Parasitol.* 6:307-310.
161. Callow, L.L., Emmerson, F.R., Parker, R.J. & Knott, S.G. 1976. Infection rates and outbreaks of disease due to *Babesia argentina* in unvaccinated cattle on 5 beef properties in south-eastern Queensland. *Aust. Vet. J.* 52:446-450.
162. Callow, L.L., Parker, R.J., Rodwell, B.J. & Ottley, M.L. 1976. Piroplasmiasis in buffaloes and its serological diagnosis based on a homology between buffalo and bovine immunoglobulins. *Aust. Vet. J.* 52:40-41.
163. Callow, L.L. & Stewart, N.P. 1978. Immunosuppression by *Babesia bovis* against its tick vector, *Boophilus microplus*. *Nature* 272:818-819.
164. Callow, L.L. 1979. Some aspects of the epidemiology and control of bovine babesiosis in Australia. *J. Sth. Afr. Vet. Ass.* 50:353-356.
165. Callow, L.L., McGregor, W., Rodwell, B.J., Rogers, R.J., Fraser, G.C., Mahoney, D.F. & Robertson, G.M. 1979. Evaluation of an indirect fluorescent antibody test to diagnose *Babesia equi* infection in horses. *Aust. Vet. J.* 55:555-559.
166. Callow, L.L., Mellors, L.T. & McGregor, W. 1979. Reduction in virulence of *Babesia bovis* due to rapid passage in splenectomized cattle. *Int. J. Parasitol.* 9:333-338.
167. Callow, L.L. 1984. *Animal Health in Australia. Volume 5. Protozoal and Rickettsial Diseases.* (Aust. Govt. Publ. Service: Canberra).
168. Canfield, P.J., Hartley, W.J. & Dubey, J.P. 1990. Lesions of toxoplasmosis in Australian marsupials. *J. Comp. Pathol.* 103:159-167.
169. Canfield, P.J., Vogelnest, L., Cunningham, M.L. & Visvesvara, G.S. 1997. Amoebic meningoencephalitis caused by *Balamuthia mandrillaris* in an orang utan. *Aust. Vet. J.* 75:97-100.
170. Cannon, L.R.G. 1967. *Caryospora demansiae* sp. nov. (Sporozoa: Eimeriidae) from the Australian snake *Demansia psammophis* (Elapidae). *Parasitol.* 57:221-226.
171. Cannon, L.R.G. 1967. New coccidia from Australian lizards. I. *Isospora*. *Parasitol.* 57:227-235.
172. Cannon, L.R.G. 1967. New coccidia from Australian lizards. II. *Eimeria*. *Parasitol.* 57:237-250.
173. Cannon, L.R.G. & Rzepczyk, C.M. 1974. A new species of *Caryospora* Leger, 1904 (Sporozoa: Eimeriidae) from an Australian snake. *Parasitol.* 69:197-200.
174. Cannon, L.R.G. & Jennings, J.B. 1988. *Monocystella epibatis* n. sp., a new aseptate gregarine

- hyperparasite of rhabdocoel turbellarians parasitic in the crown of thorns starfish, *Acanthaster planci* Linnaeus, from the Great Barrier Reef. Arch. Protistenkd. 136:267-272.
175. Cannon, L.R.G. & Sewell, K.B. 1994. Symbionts and biodiversity. Mem. Qld. Mus. 36:33-40.
 176. Capon, A.G., Upcroft, J.A., Boreham, P.F.L., Cottis, L.E. & Bundesen, P.G. 1989. Similarities of *Giardia* antigens derived from human and animal sources. Int. J. Parasitol. 19:91-98.
 177. Carmel, B.P. & Groves, V. 1993. Chronic cryptosporidiosis in Australian elapid snakes: control of an outbreak in a captive colony. Aust. Vet. J. 70:293-295.
 178. Carrigan, M.J. 1986. An outbreak of sarcocystosis in dairy cattle. Aust. Vet. J. 63:22-24.
 179. Carstairs, I.L. 1978. Report of microsporidial infestation of the freshwater crayfish, *Cherax destructor*. Freshwater Crayfish 4:343-348.
 180. Carter, R.F. 1968. Primary amoebic meningo-encephalitis: clinical, pathological and epidemiological features of six fatal cases. J. Pathol. Bacteriol. 96:1-25.
 181. Carter, R.F. 1970. Description of a *Naegleria* sp. isolated from two cases of primary amoebic meningoencephalitis, and of the experimental pathological changes induced by it. J. Pathol. 100:217-244.
 182. Carter, R.F. 1972. Primary amoebic meningo-encephalitis. An appraisal of present knowledge. Trans. Roy. Soc. Trop. Med. Hyg. 66:193-213.
 183. Carter, R.F., Cullity, G.J., Ojeda, V.J., Silberstain, P. & Willaert, E. 1981. A fatal case of meningoencephalitis due to a free-living amoeba of uncertain identity - probably *Acanthamoeba* sp. Pathol. 13:51-68.
 184. Casemore, D.P., Wright, S.E. & Coop, R.L. 1997. Cryptosporidiosis - human and animal epidemiology. Pp 65-92 in Fayer, R. (ed.) *Cryptosporidium* and Cryptosporidiosis. (CRC Press: Boca Raton).
 185. Cassidy, M.F., Stenzel, D.J. & Boreham, P.F.L. 1994. Electron microscopy of surface structures of *Blastocystis* sp. from different hosts. Parasitol. Res. 80:505-511.
 186. Chen, N., Upcroft, J.A. & Upcroft, P. 1994. Physical map of a 2Mb chromosome of the intestinal protozoan parasite *Giardia duodenalis*. Chromosome Res. 2:307-313.
 187. Chen, N., Upcroft, J.A. & Upcroft, P. 1995. A *Giardia duodenalis* gene encoding a protein with multiple repeats of a toxin homologue. Parasitol. 111:423-431.
 188. Chen, N., Upcroft, J.A. & Upcroft, P. 1996. A novel protein kinase gene family in *Giardia duodenalis*. Gene 177:191-194.
 189. Christensen, H.R., Clark, B.L. & Parsonson, I.M. 1977. Incidence of *Trichostrongylus axei* in young replacement bulls following introduction into an infected herd. Aust. Vet. J. 53:132-134.
 190. Christensen, H.R. & Clark, B.L. 1979. Spread of *Trichostrongylus axei* in beef bulls in an infected herd. Aust. Vet. J. 55:205.
 191. Christie, D.G. 1947. Enteric hepatitis or blackhead in poultry. Agric. Gaz. N.S.W. 58:667-669.
 192. Churchill, R.C. & Best, D.R. 1976. Babesiosis of a horse in Australia. Aust. Vet. J. 52:487.
 193. Cilento, R.W. & Baldwin, A.H. 1930. Malaria in Australia. Med. J. Aust. 1:274-282.
 194. Cilento, R. 1942. Tropical diseases in Australasia. (W.R. Smith & Paterson: Brisbane).
 195. Clamp, J.C. 1991. Revision of the family Lagenophryidae Butschli, 1889 and description of the family Usconophryidae n. fam. (Ciliophora, Peritricha). J. Protozool. 38:355-377.
 196. Clamp, J.C. 1994. New species of *Lagenophrys* (Ciliophora, Peritrichia) from New Zealand and Australia. J. Euk. Microbiol. 41:343-349.
 197. Clark, B.L. 1971. Venereal diseases of cattle. Veterinary Review No. 11 (Post Graduate Foundation in Veterinary Science: University of Sydney).
 198. Clark, B.L., White, M.B. & Banfield, J.C. 1971. Diagnosis of *Trichostrongylus axei* infection in bulls. Aust. Vet. J. 47:181-183.
 199. Clark, B.L., Parsonson, I.M. & Dufty, J.H. 1974. Experimental infection of bulls with *Trichostrongylus axei*. Aust. Vet. J. 50:189-191.
 200. Clark, B.L., Parsonson, I.M. & Dufty, J.H. 1974. Infection of bulls with *Trichostrongylus axei* through mating with infected heifers. Aust. Vet. J. 50:180.

201. Clark, B.L., Parsonson, I.M., White, M.B., Banfield, J.C. & Young, J.S. 1974. Control of trichomoniasis in a large herd of beef cattle. *Aust. Vet. J.* 50:424-426.
202. Clark, B.L., Dufty, J.H. & Parsonson, I.M. 1977. Studies on the transmission of *Tritrichomonas foetus*. *Aust. Vet. J.* 53:170-172.
203. Cleland, J.B. 1906. The haemogregarine of mammals (*H. balfouri*), and some notes on rats. *J. Trop. Med. (Hyg.)* 9:296-297.
204. Cleland, J.B. 1907. The diseases of animals and meat inspection in Western Australia. *J. Dept. Agric. W.A.* 15:84-94.
205. Cleland, J.B. 1908. Some remarks on the natural history and diseases of the rats of Perth and Fremantle, Western Australia. *Rep. Aust. Assoc. Adv. Sci.* (1908):516-520.
206. Cleland, J.B. & Johnston, T.H. 1909. Descriptions of new haemoprotozoa from birds in New South Wales, with a note on the resemblance between the spermatozoa of certain honeyeaters (Fam. Meliphagidae) and spirochaete-trypanosomes. *J. Roy. Soc. N.S.W.* 43:75-96.
207. Cleland, J.B. 1909. Trypanosomiasis and other diseases in camels, with experiments in connection with the former. *Aust. Med. Congr.* (1908) 2:305-324.
208. Cleland, J.B. & Johnston, T.H. 1910. The haematozoa of Australian birds. No. 1. *Trans. Roy. Soc. S.A.* 34:100-114.
209. Cleland, J.B. & Johnston, T.H. 1910. The haematozoa of Australian batrachians. No. 1. *Proc. Roy. Soc. N.S.W.* 44:252-261.
210. Cleland, J.B. & Johnston, T.H. 1911. The haematozoa of Australian birds. No. II. *J. Roy. Soc. N.S.W.* 45:415-444.
211. Cleland, J.B. & Johnston, T.H. 1912. Tabular statements of haematozoa occurring in wild and domesticated animals in Australia. *Rep. Govt. Bur. Microbiol.* (1912):83-88.
212. Cleland, J.B. & Johnston, T.H. 1912. Species of haemoprotozoa met with during 1910 and 1911. *Rep. Govt. Bur. Microbiol.* (1912):74-83.
213. Cleland, J.B. 1913. Note on the occurrence of coccidiosis in house sparrows and in bovines in NSW. *J. Roy. Soc. N.S.W.* 47:70-71.
214. Cleland, J.B. 1914. The haematozoa of Australian batrachians, No. 2. *Proc. Roy. Soc. N.S.W.* 48:412-414.
215. Cleland, J.B. 1915. Notes on some Australian Haematozoa. *Rep. Brit. Assoc. Adv. Sci.* (1915):405-406.
216. Cleland, J.B. 1915. The haematozoa of Australian birds. No. 3. *Trans. Roy. Soc. S.A.* 39:25-37.
217. Cleland, J.B. 1922. The parasites of Australian birds. *Trans. Roy. Soc. S.A.* 46:85-118.
218. Cleland, J.B. 1928. Disease amongst the Australian aborigines. *J. Trop. Med. Hyg.* 31:157-160.
219. Collier, J.M. 1944. A case of malaria acquired near Sydney, New South Wales. *Med. J. Aust.* 2:213-214.
220. Collins, G.H., Emslie, D.R., Farrow, B.R.H. & Watson, A.D.J. 1983. Sporozoa in dogs and cats. *Aust. Vet. J.* 60:289-290.
221. Collins, G.H., Pope, S.E., Griffin, D.L., Walker, J. & Connor, G. 1987. Diagnosis and prevalence of *Giardia* spp. in dogs and cats. *Aust. Vet. J.* 64:89-90.
222. Coman, B.J., Jones, E.H. & Westbury, H.A. 1981. Protozoan and viral infections of feral cats. *Aust. Vet. J.* 57:319-323.
223. Cook, I. 1959. *Toxoplasma* in Queensland. IV. Serological surveys of the human population. *Aust. J. Exptl. Biol. Med. Sci.* 37:581-592.
224. Cook, I. & Pope, J.H. 1959. *Toxoplasma* in Queensland. III. A preliminary survey of animal hosts. *Aust. J. Exptl. Biol.* 37:253-262.
225. Cook, I. 1961. Ovine toxoplasmosis. *Aust. Vet. J.* 37:451-456.
226. Cooper, D.J., Pinnock, D.E. & Bateman, S.M. 1983. Susceptibility of *Lucilia cuprina* (Wiedemann) (Diptera: Calliphoridae), to *Octosporea muscaedomesticae* Flu. *J. Aust. Ent. Soc.* 22:292.
227. Copland, J.W. 1981. Myxosporidiosis caused by *Myxidium giardi* in cultured eels. Pp 175-177 in Fowler, M.E. (ed.) *Wildlife Diseases of the Pacific Basin and Other Countries* (Proc. 4th Int. Conf.

Wildlife Dis. Assoc.: Sydney).

228. Court, J.M. & Stanton, C. 1959. The incidence of *Giardia lamblia* infestation of children in Victoria. *Med. J. Aust.* 2:438-440.
229. Coutelen, F. 1932. Existence d'une encephalite toxoplasmique spontanee chez les wombats. Un toxoplasme nouveau, *Toxoplasma wenyoni* n.sp., parasite de *Phascolomys mitchelli* (Australie). *C.R. Soc. Biol., Paris* 110:1245-1247.
230. Coutelen, F. 1933. Sur la position systematique de *Globidium mucosum* (R. Blanchard 1885), parasite du kangourou des rochers *Macropus (Petrogale) penicellatus*. *Ann. Parasitol. Hum. Comp.* 11:1-6.
231. Cox, J.C., Walden, N.B. & Nairn, R.C. 1972. Presumptive diagnosis of *Nosema cuniculi* in rabbits by immunofluorescence. *Res. Vet. Sci.* 13:595-597.
232. Cox, J.C. & Pye, D. 1975. Serodiagnosis of nosematosis by immunofluorescence using cell-culture-grown organisms. *Lab. Anim.* 9:297-304.
233. Cox, J.C. 1977. Altered immune responsiveness associated with *Encephalitozoon cuniculi* infection in rabbits. *Infect. Immun.* 15:392-395.
234. Cox, J.C., Gallichio, H.A., Pye, D. & Walden, N.B. 1977. Application of immunofluorescence to the establishment of an *Encephalitozoon cuniculi*-free rabbit colony. *Lab. Anim. Sci.* 27:04-209.
235. Cox, J.C., Hamilton, R.C. & Attwood, H.D. 1979. An investigation of the route and progression of *Encephalitozoon cuniculi* infection in adult rabbits. *J. Protozool.* 26:260-265.
236. Cox, J.C., Pye, D., Edmonds, J.W. & Shepherd, R. 1980. An investigation of *Encephalitozoon cuniculi* in the wild rabbit *Oryctolagus cuniculus* in Victoria, Australia. *J. Hyg. Camb.* 84:295-300.
237. Crosland, M.W. 1988. Effect of a gregarine parasite on the color of *Myrmecia pilosula* (Hymenoptera: Formicidae). *Annals Entomol. Soc. Am.* 81:481-484.
238. Crouch, A. & Welch, J. 1987. Faecal antigens of *Giardia lamblia* detected by a filtration ELISA: preliminary findings. *Aust. J. Med. Lab. Sci.* 8:58-60.
239. Cruickshank, R., Ashdown, L. & Croese, J. 1988. Human cryptosporidiosis in north Queensland. *Aust. NZ. J Med.* 18:582-586.
240. Cumpston, J.H.L. 1989. Health and Disease in Australia. (Aust. Govt. Publ. Service: Canberra).
241. Curnow, J.A. & Curnow, B.A. 1967. An indirect haemagglutination test for the diagnosis of *Babesia argentina* infection in cattle. *Aust. Vet. J.* 43:286-290.
242. Curnow, J.A. 1968. *In vitro* agglutination of bovine erythrocytes infected with *Babesia argentina*. *Nature* 217:267-268.
243. Curnow, J.A. 1973. Studies on the epizootiology of bovine babesiosis in common border areas of New South Wales and Queensland. *Aust. Vet. J.* 49:294-297.
244. Curnow, J.A. 1973. The use of a slide agglutination test to demonstrate antigenic differences between *Babesia bigemina* parasites. *Aust. Vet. J.* 49:290-293.
245. Curnow, J.A. 1973. Studies on the epizootiology of bovine babesiosis in north eastern New South Wales. *Aust. Vet. J.* 49:284-289.
246. Curnow, J.A. 1973. Studies on antigenic changes and strain differences in *Babesia argentina* infections. *Aust. Vet. J.* 49:279-283.
247. Dahl, R.J. & Johnson, A.M. 1983. Purification of *Toxoplasma gondii* from host cells. *J. Clin. Pathol.* 36:602-604.
248. Dahl, R.J. & Johnson, A.M. 1984. Specificity of the enzyme-linked immunosorbent assay (ELISA) for *Toxoplasma* IgG antibody. *Trans. Roy. Soc. Trop. Med. Hyg.* 78:661-662.
249. Dahl, R.J., Woods, W.H. & Johnson, A.M. 1987. Recognition by the human immune system of candidate vaccine epitopes of *Toxoplasma gondii* measured by a competitive ELISA. *Vaccine* 5:187-191.
250. Dalgliesh, R.J. 1968. Field observations on *Babesia argentina* vaccination in Queensland. *Aust. Vet. J.* 44:103-104.
251. Dalgliesh, R.J. 1971. Dimethyl sulphoxide in the low-temperature preservation of *Babesia bigemina*.

- Res. Vet. ci. 12:469-471.
252. Dalgliesh, R.J. 1972. Effects of low temperature preservation and route of inoculation on infectivity of *Babesia bigemina* in blood diluted with glycerol. Res. Vet. Sci. 13:540-545.
 253. Dalgliesh, R.J. 1972. Theoretical and practical aspects of freezing parasitic protozoa. Aust. Vet. J. 48:233-239.
 254. Dalgliesh, R.J. & Mellors, L.T. 1974. Survival of the parasitic protozoan, *Babesia bigemina*, in blood cooled at widely different rates to -196°C. Int. J. Parasitol. 4:169-172.
 255. Dalgliesh, R.J., Dimmock, C.K., Hill, M.W.M. & Mellors, L.T. 1976. *Babesia argentina*: disseminated intravascular coagulation in acute infections in splenectomized calves. Exptl. Parasitol. 40:124-131.
 256. Dalgliesh, R.J. & Stewart, N.P. 1976. Stimulation of the development of infective *Babesia bovis* (= *B. argentina*) in unfed *Boophilus microplus* larvae. Aust. Vet. J. 52:543.
 257. Dalgliesh, R.J., Dimmock, C.K., Hill, M.W.M. & Mellors, L.T. 1977. The protamine sulphate test as a screening test for intravascular coagulation in experimental *Babesia bovis* infections. Res. Vet. Sci. 23:105-108.
 258. Dalgliesh, R.J. & Stewart, N.P. 1977. Failure of vaccine strains of *Babesia bovis* to regain infectivity for ticks during long-standing infections in cattle. Aust. Vet. J. 53:429-431.
 259. Dalgliesh, R.J., Stewart, N.P. & Callow, L.L. 1978. Transmission of *Babesia bigemina* by transfer of adult male *Boophilus microplus*. Aust. Vet. J. 54:205-206.
 260. Dalgliesh, R.J. & Stewart, N.P. 1979. Observations on the morphology and infectivity for cattle of *Babesia bovis* parasites in unfed *Boophilus microplus* larvae after incubation at various temperatures. Int. J. Parasitol. 9:115-120.
 261. Dalgliesh, R.J., Stewart, N.P. & Rodwell, B.J. 1981. Increased numbers of strahlenkorper in *Boophilus microplus* ticks ingesting a blood-passaged strain of *Babesia bigemina*. Res. Vet. Sci. 31:350-352.
 262. Dalgliesh, R.J., Stewart, N.P. & Duncalfe, F. 1981. Reduction in pathogenicity of *Babesia bovis* for its tick vector, *Boophilus microplus*, after rapid blood passage in splenectomized calves. Z. Parasitenkd. 64:347-351.
 263. Dalgliesh, R.J., Callow, L.L., Mellors, L.T. & McGregor, W. 1981. Development of a highly infective *Babesia bigemina* vaccine of reduced virulence. Aust. Vet. J. 57:8-11.
 264. Dalgliesh, R.J. & Stewart, N.P. 1982. Some effects of time, temperature and feeding on infection rates with *Babesia bovis* and *Babesia bigemina* in *Boophilus microplus* larvae. Int. J. Parasitol. 12:323-326.
 265. Dalgliesh, R.J., Jorgensen, W.K. & DeVos, A.J. 1990. Australian frozen vaccines for the control of babesiosis and anaplasmosis in cattle - a review. Trop. Anim. Hlth. Prod. 22:44-52.
 266. Dalrymple, B.P. 1990. Cloning and characterization of the rRNA genes and flanking regions from *Babesia bovis*: use of the genes as strain discriminating probes. Mol. Biochem. Parasitol. 43:117-124.
 267. Dalrymple, B.P., Jorgensen, W.K., DeVos, A.J. & Wright, I.G. 1992. Analysis of the composition of samples of *Babesia bovis* and the influence of different environmental conditions on genetically distinct subpopulations. Int. J. Parasitol. 22:731-737.
 268. Daly, G.D. & Hall, W.T.K. 1955. A note on the susceptibility of British and some Zebu-type cattle to tick fever (babesiosis). Aust. Vet. J. 31:152.
 269. Davies, K.A. 1973. Observations on *Malameba locustae* from *Chortoicetes terminifera* cultures in Australia. J. Invert. Pathol. 22:475.
 270. Davies, N.J., Harrison, G.C. & Goldsmid, J.M. 1993. A case of giardiasis in a dog in Tasmania - a cause of disease or incidental finding? Aust. Vet. J. 70:32-33.
 271. Dehority, B.A. 1996. A new family of entodiniomorph protozoa from the marsupial forestomach, with descriptions of a new genus and five new species. J. Euk. Microbiol. 43:285-295.
 272. DeJonckheere, J.F., Pernin, P., Scaglia, M. & Michel, R. 1984. A comparative study of 14 strains of *Naegleria australiensis* demonstrates the existence of a highly virulent subspecies: *N.*

- australiensis italica* spp. J. Protozool. 31:324-331.
273. Dellow, D.W., Hume, I.D., Clarke, R.T.J. & Bauchop, T. 1988. Microbial activity in the forestomach of free-living macropodid marsupials: comparisons with laboratory studies. Aust. J. Zool. 36:383-395.
274. Delvinquier, B.L.J. 1986. *Myxidium immersum* (Protozoa: Myxosporea) of the cane toad, *Bufo marinus*, in Australian Anura, with a synopsis of the genus in amphibians. Aust. J. Zool. 34:843-853.
275. Delvinquier, B.L.J. 1987. Opalinidae in Australian Anura. Proc. Roy. Soc. Qld. 98:93-122.
276. Delvinquier, B.L.J. & Jones, M.K. 1988. A preliminary note on the intestinal flagellates of the Australian Anura. Mem. Qld. Mus. 25:333-334.
277. Delvinquier, B.L.J. & Freeland, W.J. 1988. Protozoan parasites of the cane toad, *Bufo marinus*, in Australia. Aust. J. Zool. 36:301-316.
278. Delvinquier, B.L.J. & Freeland, W.J. 1988. Observations on *Zelleriella antilliensis* (Protozoa: Opalinata) from the cane toad *Bufo marinus* in Australia. Aust. J. Zool. 36:317-333.
279. Delvinquier, B.L.J. & Patterson, D.J. 1993. The opalines. Pp 247-325 in Kreier, J.P. & Baker, J.R. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
280. Dennett, D.P., Reece, R.L., Barasa, J.O. & Johnson, R.H. 1974. Observations on the incidence and distribution of serotypes of *Tritrichomonas foetus* in beef cattle in north-eastern Australia. Aust. Vet. J. 50:427-431.
281. Dennis, S.M. 1974. Perinatal lamb mortality in Western Australia. 3. Congenital infections. Aust. Vet. J. 50:507-510.
282. Dennis, D., M. & Munday, B.L. 1994. Microsporidiosis of palinurid lobsters from Australian waters. Bull. Europ. Ass. Fish Pathol. 14:16-18.
283. Derrick, E.H. 1948. A fatal case of generalised amoebiasis due to a protozoan closely resembling, if not identical with, *Iodamoeba butschlii*. Trans. Roy. Soc. Trop. Med. Hyg. 42:191-198.
284. Derrick, E.H. & Mackerras, M.J. 1949. Diseases of laboratory mice. Fourth Ann. Rep. Qld. Inst. Med. Res. (1949):13.
285. Desser, S.S. 1993. The Haemogregarinidae and Lankesterellidae. Pp 247-272 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
286. Desser, S.S. & Bennett, G.F. 1993. The genera *Leucocytozoon*, *Haemoproteus*, and *Hepatocystis*. Pp 273-307 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
287. Dew, B.B. & McMillan, B. 1970. Seasonal variation of *Polychromophilus melanipherus* (Sporozoa: Haemoproteidae) in the bent-winged bat *Miniopterus schreibersii* (Chiroptera) in New South Wales. Parasitol. 61:161-166.
288. Dickens, R.K. 1978. The koala in health and disease. Pp 105-117 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
289. Diggles, B.K. & Adlard, R.D. 1995. Taxonomic affinities of *Cryptocaryon irritans* and *Ichthyophthirius multifiliis* inferred from ribosomal RNA sequence data. Dis. Aquatic Org. 22:39-43.
290. Diggles, B.K. & Lester, R.J.G. 1996. Infections of *Cryptocaryon irritans* on wild fish from southeast Queensland, Australia. Dis. Aquatic Org. 25:159-167.
291. Diggles, B.K. & Lester, R.J.G. 1996. Influence of temperature and host species on the development of *Cryptocaryon irritans*. J. Parasitol. 82:45-51.
292. Diggles, B.K. & Lester, R.J.G. 1996. Variation in the development of two isolates of *Cryptocaryon irritans*. J. Parasitol. 82:384-388.
293. Diggles, B.K. 1997. Some information on the morphology of *Cryptocaryon irritans* from South-East Queensland, Australia. Europ. J. Protistol. 33:200-210.
294. Diggles, B.K. & Adlard, R.D. 1997. Intraspecific variation in *Cryptocaryon irritans*. J. Euk. Microbiol. 44:25-32.
295. Dimmock, C.K. 1973. Blood group antibody production in cattle by a vaccine against *Babesia bigemina*. Res. Vet. ci. 15:305-309.

296. Dobos-Kovacs, M., Meszaros, J., Pellerdy, L. & Balsai, A. 1974. Studies on source of *Toxoplasma* infecton in captive kangaroos. *Acta Vet. Acad. Sci. Hung.* 24:293-301.
297. Dobos-Kovacs, M., Meszaros, J., Pellerdy, L. & Balsai, A. 1974. Toxoplasmose bei Kanguruhs (*Thylogale eugenii*) verursacht durch *Toxoplasma*-Oozysten enthaltendes Futter. *Parasitol. Hung.* 7:85-89.
298. Dodd, S. 1909. Report of the Principal Veterinary Surgeon and Bacteriologist. *Ann. Rep. Dept. Agric. Stock Qld.* (1908-09):81-105.
299. Dodd, S. 1910. Piroplasmosis of cattle in Queensland. *J. Comp. Path. Therap.* 23:141-160.
300. Dodd, S. 1910. Diseases in stock. *Ann. Rep. Dept. Agric. Stock Qld.* (1909-10):19-22.
301. Dodd, S. 1924. The piroplasmoses of the Pacific regions. *Proc. Pan-Pacific Sci. Congr.* (1923):1502-1512.
302. Donaldson, L.E., Lucas, M.H., Johnston, L.A.Y. & Ritson, J.B. 1967. The reproductive efficiency of several north Queensland beef herds. *Aust. Vet. J.* 43:41-44.
303. Doube, L.J. 1981. Diseases of wombats. Pp 63-75 in Fowler, M.E. (ed.) *Wildlife Diseases of the Pacific Basin and other Countries.* (Proc. 4th. Int. Conf. Wildlife Dis. Assoc.: Sydney).
304. Driesen, S.J., Carland, P.G. & Fahy, V.A. 1993. Studies on preweaning piglet diarrhoea. *Aust. Vet. J.* 70:259-263.
305. Driesen, S.J., Fahy, V.A. & Carland, P.G. 1995. The use of toltrazuril for the prevention of coccidiosis in piglets before weaning. *Aust. Vet. J.* 72:139-141.
306. Dubey, J.P. 1986. A review of toxoplasmosis in cattle. *Vet. Parasitol.* 22:177-202.
307. Dubey, J.P. 1986. A review of toxoplasmosis in pigs. *Vet. Parasitol.* 19:181-223.
308. Dubey, J.P., Hughes, H.P.A., Lillehoj, H.S., Gamble, H.R. & Munday, B.L. 1987. Placental transfer of specific antibodies during ovine congenital toxoplasmosis. *Am. J. Vet. Res.* 48:474-476.
309. Dubey, J.P., Ott-Joslin, J., Torgerson, R.W., Topper, M.J. & Sundberg, J.P. 1988. Toxoplasmosis in black-faced kangaroos (*Macropus fuliginosus melanops*). *Vet. Parasitol.* 30:97-105.
310. Dubey, J.P. & Beattie, C.P. 1988. *Toxoplasmosis of Animals and Man.* (CRC Press: Boca Raton).
311. Dubey, J.P., Speer, C.A., Munday, B.L. & Lipscomb, T.P. 1989. Ovine sporozoan encephalomyelitis linked to *Sarcocystis* infection. *Vet. Parasitol.* 34:159-163.
312. Dubey, J.P., Speer, C.A. & Fayer, R. 1989. *Sarcocystosis of Animals and Man.* (CRC Press: Boca Raton).
313. Dubey, J.P., Hartley, W.J. & Lindsay, D.S. 1990. Congenital *Neospora caninum* infection in a calf with spinal cord anomaly. *J. Am. Vet. Med. Ass.* 197:1043-1044.
314. Dubey, J.P. 1992. A review of *Neospora caninum* and *Neospora*-like infections in animals. *J. Protozool. Res.* 2:40-52.
315. Dubey, J.P. & Hartley, W.J. 1992. Steatitis in a red kangaroo (*Macropus rufus*) associated with a coccidia-like protozoon. *J. Vet. Diagn. Invest.* 4:93-96.
316. Dubey, J.P. & Lindsay, D.S. 1996. A review of *Neospora caninum* and neosporosis. *Vet. Parasitol.* 67:1-59.
317. Duboscq, O. & Grasse, P. 1927. Flagelles et Schizophytes de *Calotermes (Glyptotermes) iridipennis* Frogg. *Arch. Zool. Expt. Gen.* 66:451-496.
318. Dumaresq, J.A. 1948. A note recording the presence of *Trichomonas foetus* infection of cattle on King Island. *Aust. Vet. J.* 24:282.
319. Dunn, L.A., Boreham, P.F.L. & Stenzel, D.J. 1989. Ultrastructural variation of *Blastocystis hominis* stocks in culture. *Int. J. Parasitol.* 19:43-56.
320. Dunsmore, J.D. 1971. A study of the biology of the wild rabbit in climatically different regions in eastern Australia. IV. The rabbit in the south coastal region of New South Wales, an area in which parasites appear to exert a population-regulating effect. *Aust. J. Zool.* 19:355-370.
321. Dunsmore, J.D. 1978. Parasitism in wild rabbits. *Aust. Adv. Vet. Sci.* 1978:107.
322. Dyson, T.S. 1889. Malaria fevers of tropical Queensland. *Intercolon. Med. Congr. Aust.* (1889):64-66.
323. Edgerton, B., O'Donoghue, P., Wingfield, M. & Owens, L. 1996. Systemic infection of freshwater crayfish *Cherax quadricarinatus* by hymenostome ciliates of the *Tetrahymena pyriformis*

- complex. *Dis. Aquat. Org.* 27:123-129.
324. Edmeades, R., Halliday, K. & Shepherd, R. 1981. Infantile gastroenteritis relationship between cause, clinical course, and outcome. *Med. J. Aust.* 2:29-32.
325. Edmonds, A.R. 1949. Human toxoplasmosis, with report of a case. *Med. J. Aust.* 1:456-457.
326. Elder, J.K. 1964. Examination of twelve strains of *Tritrichomonas foetus* (Riedmuller) isolated in Queensland and the description of a new serotype, *T. foetus* var. *brisbane*. *Qld. J. Agric. Sci.* 21:193-203.
327. Ellis, J., Hefford, C., Baverstock, P.R., Dalrymple, B.P. & Johnson, A.M. 1992. Ribosomal DNA sequence comparison of *Babesia* and *Theileria*. *Mol. Biochem. Parasitol.* 54:87-96.
328. Ellis, J.E., Wingfield, J.M., Cole, D., Boreham, P.F.L. & Lloyd, D. 1993. Oxygen affinities of metronidazole-resistant and -sensitive stocks of *Giardia intestinalis*. *Int. J. Parasitol.* 23:35-39.
329. Ellis, J., Luton, K., Baverstock, P.R., Brindley, P.J., Nimmo, K.A. & Johnson, A.M. 1994. The phylogeny of *Neospora caninum*. *Mol. Biochem. Parasitol.* 64:303-311.
330. Ellis, J.T., Luton, K., Baverstock, P.R., Whitworth, G., Tenter, A.M. & Johnson, A.M. 1995. Phylogenetic relationships between *Toxoplasma* and *Sarcocystis* deduced from a comparison of 18S rDNA sequences. *Parasitol.* 110:521-528.
331. Emmerson, F.R., Knott, S.G. & Callow, L.L. 1976. Vaccination with *Babesia argentina* in 5 beef herds in south-eastern Queensland. *Aust. Vet. J.* 52:451-454.
332. Erlandsen, S.L. & Bemrick, W.J. 1987. SEM evidence for a new species, *Giardia psittaci*. *J. Parasitol.* 73:623-629.
333. Erlandsen, S.L., Bemrick, W.J. & Jakubowski, W. 1991. Cross-species transmission of avian and mammalian *Giardia* spp.: inoculation of chicks, ducklings, budgerigars, mongolian gerbils and neonatal mice with *Giardia ardeae*, *Giardia duodenalis* (*lamblia*), *Giardia psittaci* and *Giardia muris*. *Int. J. Environ. Health Res.* 1:144-152.
334. Erlandsen, S.L., Weisbrod, A.R., Knudson, L.W., Olereich, R., Dodge, W.E., Jakubowski, W. & Bemrick, W.J. 1991. Giardiasis in wild and captive bird populations: high prevalence in herons and budgerigars. *Int. J. Environ. Hlth. Res.* 1:132-143.
335. Ernst, H.P. & Baker, G.L. 1982. *Malameba locustae* (King and Taylor) (Protozoa: Amoebidae) in field populations of Orthoptera in Australia. *J. Aust. Entomol. Soc.* 21:295-296.
336. Eutick, M.L., Veivers, P., O'Brien, R.W. & Slaytor, M. 1978. Dependence of the higher termite, *Nasutitermes exitiosus* and the lower termite, *Coptotermes lacteus* on their gut flora. *J. Insect Physiol.* 24:363-368.
337. Ey, P.L., Khanna, K., Andrews, R.H., Manning, P.A. & Mayrhofer, G. 1992. Distinct genetic groups of *Giardia intestinalis* distinguished by restriction fragment length polymorphisms. *J. General Microbiol.* 138:2629-2637.
338. Ey, P.L., Darby, J.M., Andrews, R.H. & Mayrhofer, G. 1993. *Giardia intestinalis*: detection of major genotypes by restriction analysis of gene amplification products. *Int. J. Parasitol.* 23:591-600.
339. Ey, P.L., Andrews, R.H. & Mayrhofer, G. 1993. Differentiation of major genotypes of *Giardia intestinalis* by polymerase chain reaction analysis of a gene encoding a trophozoite surface antigen. *Parasitol.* 106:347-356.
340. Ey, P.L., Khanna, K., Manning, P. & Mayrhofer, G. 1993. A gene encoding a 69-kilodalton major surface protein of *Giardia intestinalis* trophozoites. *Mol. Biochem. Parasitol.* 58:247-258.
341. Ey, P.L., Mansouri, M., Kulda, J., Nohynkova, E., Monis, P.T., Andrews, R.H. & Mayrhofer, G. 1997. Genetic analysis of *Giardia* from hoofed farm animals reveals artiodactyl-specific and potentially zoonotic genotypes. *J. Euk. Microbiol.* 44:626-635.
342. Fairley, N.H. 1945. Chemotherapeutic suppression and prophylaxis in malaria. An experimental investigation undertaken by medical research teams in Australia. *Trans. Roy. Soc. Trop. Med. Hyg.* 38:311-365.
343. Fairley, N.H. 1946. Malaria in the south-west Pacific, with special reference to its chemo-therapeutic control. *Med. J. Aust.* 2:145-162.
344. Fairley, N.H. 1957. Experiments with antimalarial drugs in man. *Trans. Roy. Soc. Trop. Med. Hyg.*

- 51:493-501.
345. Fallis, A.M. & Desser, S.S. 1977. On species of *Leucocytozoon*, *Haemoproteus*, and *Hepatocystis*. Pp 239-266 in Kreier, J.P. (ed.) Parasitic Protozoa (Academic Press: New York).
 346. Farbey, M.D., Reynoldson, J.A. & Thompson, R.C.A. 1995. *In vitro* drug susceptibility of 29 isolates of *Giardia duodenalis* from humans as assessed by an adhesion assay. Int. J. Parasitol. 25:593-599.
 347. Farley, C., Wolf, P.H. & Elston, R.A. 1988. A long-term study of "microcell" disease in oysters with a description of a new genus, *Mikrocytos* (g.n.), and two new species, *Mikrocytos mackini* (sp.n.) and *Mikrocytos roughleyi* (sp.n.). Fishery Bull. 86:581-593.
 348. Fay, F.R. 1989. Toxoplasmosis in seals. Adv. Vet. Sci., Aust. Vet. Assoc. Conf. Perth 109-110.
 349. Fayer, R., Speer, C.A. & Dubey, J.P. 1997. The general biology of *Cryptosporidium*. Pp 1-41 in Fayer, R. (ed.) *Cryptosporidium* and Cryptosporidiosis. (CRC Press: Boca Raton).
 350. Ferguson, H. 1988. Protozoan Diseases. Pp 63-71 in Fish Diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
 351. Ferrante, A. & Thong, Y.H. 1979. Antibody induced capping and endocytosis of surface antigens in *Naegleria fowleri*. Int. J. Parasitol. 9:599-601.
 352. Ferrante, A. & Thong, Y.H. 1980. Unique phagocytic process in neutrophil-mediated killing of *Naegleria fowleri*. Immunol. Letters 2:37-41.
 353. Ferrante, A. & Lederer, E. 1986. Curative properties of muramyl dipeptide in experimental *Naegleria meningoencephalitis*. Trans. Roy. Soc. Trop. Med. Hyg. 80:323-326.
 354. Ferrante, A., Hill, N.L., Abell, T.J. & Pruul, H. 1987. Role of myeloperoxidase in the killing of *Naegleria fowleri* by lymphokine-altered human neutrophils. Infect. Immun. 55:1047-1050.
 355. Ferrante, A. & Bates, E.J. 1988. Elastase in the pathogenic free-living amoebae *Naegleria* and *Acanthamoeba* spp. Infect. Immun. 56:3320-3321.
 356. Ferrante, A., Carter, R.F., Lopez, A.F., Rowan-Kelly, B., Hill, N.L. & Vadas, M.A. 1988. Depression of immunity to *Naegleria fowleri* in mice by selective depletion of neutrophils with a monoclonal antibody. Infect. Immun. 56:2286-2291.
 357. Ferrante, A. & Rowan-Kelly, B. 1988. The role of antibody in immunity against experimental *Naegleria meningoencephalitis* ('amoebic meningitis') Immunol. 64:241-244.
 358. Ferson, M.J. & Young, L.C. 1992. *Cryptosporidium* and coxsackievirus B5 causing epidemic diarrhoea in a child-care centre. Med. J. Aust 156:813.
 359. Fiaschi, T. 1898. Clinical notes on a case of amoebic abscess of the liver and lung. Aust. Med. Gaz. 17:511-512.
 360. Fielding, J.W. 1928. Observations on rodents and their parasites. J. Roy. Soc. N.S.W. 61:115-134.
 361. Filippich, L.J. & O'Donoghue, P.J. 1995. *Cochlosoma* infection in finches. Pp 101-104 in Cross, G.M. (ed.) Proc. Ann. Conf. Aust. Assoc. Avian Vet. (Australian Veterinary Association: Dubbo).
 362. Filippich, L.J. & O'Donoghue, P.J. 1997. *Cochlosoma* infections in finches. Aust. Vet. J. 75:561-563.
 363. Filippich, L.J., McDonnell, P.A., Munoz, E. & Upcroft, J.A. 1998. *Giardia* infection in budgerigars. Aust. Vet. J. 76:246-249.
 364. Filmer, J.F. 1931. Some notes on piroplasmiasis in Western Australia. Aust. Vet. J. 7:138-141.
 365. Findlay, V.L., Helders, M., Munday, B.L. & Gurney, R. 1995. Demonstration of resistance to reinfection with *Paramoeba* sp. by Atlantic salmon, *Salmo salar* L. J. Fish Dis. 18:639-642.
 366. Finkelman, S. & Paperna, I. 1994. The endogenous development of two new species of *Isospora* (Apicomplexa: Eimeriidae) from skinks. Syst. Parasitol. 27:227-235.
 367. Finkelman, S. & Paperna, I. 1994. The endogenous development of three new intranuclear species of *Isospora* (Apicomplexa: Eimeriidae) from agamid lizards. Syst. Parasitol. 27:213-226.
 368. Finnie, E.P. 1974. Prophylaxis against coccidiosis in kangaroos. Aust. Vet. J. 50:276.
 369. Finnie, E.P. 1976. Husbandry and diseases of orphaned pouch-young marsupials. Aust. Vet. Practit. 6:19-28.
 370. Ford, E. 1950. The malaria problem in Australia and the Australian Pacific territories. Med. J. Aust. 1:749-760.

371. Ford, G.E. 1974. Prey-predator transmission in the epizootiology of ovine sarcosporidiosis. *Aust. Vet. J.* 50:38-39.
372. Ford, G.E. 1975. Transmission of sarcosporidiosis from dogs to sheep maintained specific pathogen free. *Aust. Vet. J.* 51:408.
373. Ford, G.E. & Beveridge, I. 1980. Clinical parasitology for the diagnosis of the cyst-forming sporozoa at the vector stage in companion animals. *Aust. Adv. Vet. Sci.* (1980):66-67.
374. Ford, G.E. 1985. Immunity of sheep to homologous challenge with dog-borne *Sarcocystis* species following varying levels of prior exposure. *Int. J. Parasitol.* 15:629-634.
375. Ford, G.E. 1986. Role of the dog, fox, cat and human as carnivore vectors in the transmission of the sarcosporidia that affect sheep meat production. *Aust. J. Agric. Res.* 37:79-88.
376. Ford, G.E. 1986. Completion of the cycle for transmission of sarcosporidiosis between cats and sheep reared specific pathogen free. *Aust. Vet. J.* 63:42-44.
377. Ford, G.E. 1986. Biochemical characterization for identification of ovine sarcosporidia. *Aust. J. Biol. Sci.* 39:31-36.
378. Ford, G.E. 1987. Hosts of two canid genera, the red fox and the dog, as alternate vectors in the transmission of *Sarcocystis tenella* from sheep. *Vet. Parasitol.* 26:13-20.
379. Ford, G.E., Fayer, R., Adams, M., Donoghue, P.J., Dubey, J.P. & Baverstock, P.R. 1987. Genetic characterisation by isoenzyme markers of North American and Australasian isolates of species of *Sarcocystis* (Protozoa: Apicomplexa) from mice, sheep, goats and cattle. *Syst. Parasitol.* 9:163-167.
380. Forshaw, D., Palmer, D.G., Halse, S.A., Hopkins, R.M. & Thompson, R.C.A. 1992. *Giardia* in straw-necked ibis (*Threskiornis spinicollis*) in Western Australia. *Vet. Rec.* 131:267-268.
381. Fowler, M. & Carter, R.F. 1965. Acute pyogenic meningitis probably due to *Acanthamoeba* sp.: a preliminary report. *Brit. Med. J.* 2:740-742.
382. Fowler, N.G. & Forbes, G.B. 1972. Aberrant *Leucocytozoon* infection in parakeets. *Vet. Rec.* 91:345-347.
383. Francis, J. & Collins, G.W. 1963. Treatment of trichomoniasis in the bull. *Aust. Vet. J.* 39:202-204.
384. Freeland, W.J., Delvinquier, B.L.J. & Bonnin, B. 1986. Food and parasitism of the cane toad, *Bufo marinus*, in relation to time since colonization. *Aust. Wildl. Res.* 13:489-499.
385. Gale, K.R., Waltisbuhl, D.J., Bowden, J.M., Jorgensen, W.K., Matheson, J., East, I.J., Zakrzewski, H. & Leatch, G. 1998. Amelioration of virulent *Babesia bovis* infection in calves by administration of the nitric oxide synthase inhibitor aminoguanidine. *Parasite Immunol.* 20:441-445.
386. Gallagher, A.N., Gartrell, B.D. & Upcroft, J.A. 1995. Pathogenic *Giardia* isolated from a wild-trapped sulphur crested cockatoo (*Cacatua galerita*). Pp 23-27 in Cross, G.M. (ed.) *Proc. Ann. Conf. Aust. Assoc. Avian Vet.* (Australian Veterinary Association: Dubbo).
387. Garnham, P.C.C. 1966. *Malaria Parasites and other Haemosporidia.* (Blackwell Scientific Publishers: Oxford).
388. Garven, A. 1957. Toxoplasmosis: the diagnosis of clinical and latent infection in Australia. *Australasian Ann. Med.* 6:141-144.
389. Gasser, R.B., Edwards, G. & Cole, R.A. 1993. Neosporosis in a dog. *Aust. Vet. Practit.* 23:190-193.
390. Gibb, D.G.A., Kakulas, B.A., Perret, D.H. & Jenkyn, D.J. 1966. Toxoplasmosis in the Rottneest quokka (*Setonix brachyurus*). *Aust. J. Expt. Biol. Med. Sci.* 44:665-672.
391. Gill, P. & Callinan, R.B. 1997. Ulcerative dermatitis associated with *Uronema* sp. infection of farmed sand whiting *Sillago ciliata*. *Aust. Vet. J.* 75:357.
392. Gilruth, J.A., Sweet, G. & Dodd, S. 1910. Notes on blood parasites. *Proc. Roy. Soc. Vic.* 23:231-240.
393. Gilruth, J.A. 1910. Note on a haemogregarine in the blood of *Varanus varius*. *Proc. Roy. Soc. Vic.* 23:36-38.
394. Gilruth, J.A. 1910. Notes on a protozoon parasite found in the mucous membrane of the abomasum of a sheep. *Proc. Roy. Soc. Vic.* 23:19-20.
395. Gilruth, J.A. 1912. The introduction and spread of the cattle tick (*Boophilus annulatus*, var. *microplus*), and of the associated disease tick fever (Babesiosis) in Australia. *Qld. Agric. J.* 29:351-357.

396. Gilruth, J.A. 1912. The introduction and spread of the cattle tick (*Boophilus annulatus*, var. *microplus*), and of the associated disease tick fever (Babesiosis) in Australia. Proc. Roy. Soc. Vic. 25:15-22.
397. Gilruth, J.A. & Bull, L.B. 1912. Enteritis associated with infection of the intestinal wall by cyst-forming protozoa (Neosporidia), occurring in certain native animals (wallaby, kangaroo and wombat). Proc. Roy. Soc. Vic. 24:432-448.
398. Glazebrook, J.S., Campbell, R.S.F. & Hutchinson, G.W. 1977. The pathology of feral rodents in north Queensland. II. Studies on zoonotic infections. Tropenmed. Parasitol. 28:545-551.
399. Glazebrook, J.S., Campbell, R.S.F., Hutchinson, G.W. & Stallman, N.D. 1978. Rodent zoonoses in north Queensland. The occurrence and distribution of zoonotic infections in north Queensland rodents. Aust. J. Expt. Biol. Med. Sci. 56:147-156.
400. Glazebrook, J.S. & Campbell, R.S.F. 1987. Diseases of barramundi (*Lates calcarifer*) in Australia: a review. Pp 204-206 in Copland, J.W. & Grey, D.L. (ed.) Management of Wild and Cultured Sea bass/barramundi (*Lates calcarifer*). (Proc. Int. Workshop: Darwin).
401. Goggin, C.L. & Lester, R.J.G. 1987. Occurrence of *Perkinsus* species (Protozoa, Apicomplexa) in bivlaves from the Great Barrier Reef. Dis. Aquatic Org. 3:113-117.
402. Goggin, C.L., Sewell, K.B. & Lester, R.J.G. 1989. Cross-infection experiments with Australian *Perkinsus* species. Dis. Aquatic Org. 7:55-59.
403. Goggin, C.L. 1994. Variation in the two internal transcribed spacers and 5.8S ribosomal RNA from five isolates of the marine parasite *Perkinsus* (Protista, Apicomplexa). Mol. Biochem. Parasitol. 65:179-182.
404. Goldman, M. & Rosenberg, A.S. 1974. Immunofluorescence studies of the small *Babesia* species of cattle from different geographical areas. Res. Vet. Sci. 16:351-354.
405. Goldsmid, J.M. 1981. Intestinal parasitic infections of man in Tasmania. Tran. Roy. Soc. Trop. Med. Hyg. 75:110-111.
406. Goodger, B.V. 1971. Preparation and preliminary assessment of purified antigens in the passive haemagglutination test for bovine babesiosis. Aust. Vet. J. 47:251-256.
407. Goodger, B.V. 1973. Further studies of haemagglutinating antigens of *Babesia bigemina*. Aust. Vet. J. 49:81-84.
408. Goodger, B.V. 1973. *Babesia argentina*: intraerythrocytic location of babesial antigen extracted from parasite suspensions. Int. J. Parasitol. 3:387-391.
409. Goodger, B.V. & Mahoney, D.F. 1974. A rapid slide agglutination test for the herd diagnosis of *Babesia argentina* infection. Aust. Vet. J. 50:250-254.
410. Goodger, B.V. & Mahoney, D.F. 1974. Evaluation of the passive haemagglutination test for the diagnosis of *Babesia argentina* infection in cattle. Aust. Vet. J. 50:246-249.
411. Goodger, B.V. 1975. A cold precipitable fibrinogen complex in the plasma of cattle dying from infection with *Babesia argentina*. Z. Parasitenkd. 48:1-7.
412. Goodger, B.V. 1976. *Babesia argentina*: studies on the nature of an antigen associated with infection. Int. J. Parasitol. 6:213-216.
413. Goodger, B.V. 1977. *Babesia argentina*: observations on the immunogenicity of the cryofibrinogen complex. Z. Parasitenkd. 53:47-52.
414. Goodger, B.V. & Wright, I.G. 1977. *Babesia bovis (argentina)*: observations of coagulation parameters, fibrinogen catabolism and fibrinolysis in intact and splenectomized cattle. Z. Parasitenkd. 54:9-27.
415. Goodger, B.V. 1978. *Babesia bovis (= argentina)*: changes in erythrocytic and associated proteins during acute infection of splenectomized and intact calves. Z. Parasitenkd. 55:1-8.
416. Goodger, B.V., Wright, I.G., Mahoney, D.F. & McKenna, R.V. 1978. *Babesia bovis (argentina)*: components of the cryofibrinogen complex and their contribution to pathophysiology of infection in splenectomized calves. Z. Parasitenkd. 58:3-13.
417. Goodger, B.V., Wright, I.G., Mahoney, D.F. & McKenna, R.V. 1980. *Babesia bovis (argentina)*: studies on the composition and location of antigen associated with infected erythrocytes. Int. J.

- Parasitol. 10:33-36.
418. Goodger, B.V., Wright, I.G. & Mahoney, D.F. 1981. Changes in conglutinin, immunoconglutinin, complement C3 and fibronectin concentrations in cattle acutely infected with *Babesia bovis*. Aust. J. Expt. Biol. Med. Sci. 59:531-538.
 419. Goodger, B.V., Wright, I.G. & Mahoney, D.F. 1981. Initial characterization of cryoprecipitates in cattle recovering from acute *Babesia bovis* (*argentina*) infection. Aust. J. Expt. Biol. Med. Sci. 59:521-529.
 420. Goodger, B.V., Commins, M.A., Waltisbuhl, D.J., Wright, I.G. & Rode-Bramanis, K. 1990. *Babesia bovis*: immunity induced by vaccination with a lipid enriched fraction. Int. J. Parasitol. 20:685-687.
 421. Gordon, A.N., Kelly, W.R. & Lester, R.J.G. 1993. Epizootic mortality of free-living green turtles, *Chelonia mydas*, due to coccidiosis. J. Wildlife Dis. 29:490-494.
 422. Gorrie, C.J.R. 1950. Management in control of coccidiosis in chickens. Aust. Vet. J. 26:223-225.
 423. Gracey, M. 1994. Gastrointestinal infections in children. Curr. Op. Gastroenterol. 10:88-97.
 424. Gregory, G.G. & Munday, B.L. 1976. Internal parasites of feral cats from the Tasmanian midlands and King Island. Aust. Vet. J. 52:317-320.
 425. Griffin, J.L. 1978. Pathogenic free-living amoebae. Pp 507-549 in Kreier, J.P. (ed.) Parasitic Protozoa. (Academic Press: New York).
 426. Griffiths, J.K. 1998. Human cryptosporidiosis: epidemiology, transmission, clinical disease, treatment, and diagnosis. Adv. Parasitol. 40:37-85.
 427. Grim, J.N. 1992. Descriptions of two sympatric and phylogenetically diverse ciliated protozoa, *Balantidium zebrascopi* n.sp. and *Paracichlidotherus leeuwenhoekii* n.gen., n.sp., symbionts in the intestines of the surgeonfish, *Zebrasoma scopas*. Trans. Am. Microsc. Soc. 111:149-157.
 428. Grim, J.N. 1993. Description of somatic kineties and vestibular organization of *Balantidium jocularum* sp. n., and possible taxonomic implications for the class Litostomatea and the genus *Balantidium*. Acta Protozool. 32:37-45.
 429. Grim, J.N. & Clements, K.D. 1996. Description of a new species of opalinid by light microscopy, SEM and TEM: *Protoopalina polykineta*, n.sp. from the intestines of the surgeonfish, *Acanthurus nigrofuscus*. Surface features, kinetal organization, vesicles, and endocytobionts. Europ. J. Protist. 32:81-89.
 430. Grimes, T.M. & Elder, J.K. 1971. The isolation of trichomonads from pigeons. Aust. Vet. J. 47:160-161.
 431. Groves, P.J. 1986. Coccidiosis in chickens, turkeys and ducks. Pp 361-383 in Poultry Health (Post-Graduate Committee in Veterinary Science: University of Sydney).
 432. Grulet, O., Landau, I., Millet, P. & Baccam, D. 1985. Les *Isospora* du moineau. I. Compléments a l'étude systématique. Ann. Parasitol. Hum. Comp. 60:155-160.
 433. Grulet, O., Landau, I., Millet, P. & Baccam, D. 1986. Les *Isospora* du moineau. II. Etudes sur la biologie. Ann. Parasitol. Hum. Comp. 61:161-192.
 434. Grunberg, W. 1953. Toxoplasmose beim Bennett-Kanguruh (*Makropus bennetti* Gould) und einem Klippschliefer (*Hyrax syriacus* Schreb.). Wein. Tierarztl. Msch. 46:586-593.
 435. Guo, Z.-G. & Johnson, A.M. 1995. Genetic comparison of *Neospora caninum* with *Toxoplasma* and *Sarcocystis* by random amplified polymorphic DNA-polymerase chain reaction. Parasitol. Res. 81:365-370.
 436. Guo, Z.G. & Johnson, A.M. 1995. Genetic characterization of *Toxoplasma gondii* strains by random amplified polymorphic DNA polymerase chain reaction. Parasitol. 111:127-132.
 437. Guo, Z.G., Gross, U. & Johnson, A.M. 1997. *Toxoplasma gondii* virulence markers identified by random amplified polymorphic DNA polymerase chain reaction. Parasitol. Res. 83:458-463.
 438. Hackel, D.B., Kinney, T.D. & Wendt, W. 1953. Pathologic lesions in captive wild animals. Lab. Invest. 2:154-163.
 439. Hagger, T.D. 1956. A case of visceral leishmaniasis or kala-azar. Med. J. Aust. 2:198-199.
 440. Hall, W.T.K. 1960. The immunity of calves to *Babesia argentina* infection. Aust. Vet. J. 36:361-366.

441. Hall, W.T.K. 1963. The immunity of calves to tick-transmitted *Babesia argentina* infection. Aust. Vet. J. 39:386-389.
442. Hall, W.T.K., Tammemagi, L. & Johnston, L.A.Y. 1968. Bovine babesiosis: the immunity of calves to *Babesia argentina* infection. Aust. Vet. J. 44:259-264.
443. Hallett, S.L., O'Donoghue, P.J. & Lester, R.J.G. 1997. Infections by *Kudoa ciliatae* (Myxozoa: Myxosporidia) in Indo-Pacific whiting *Sillago* spp. Dis. Aquatic Org. 30:11-16.
444. Hallett, S.L., O'Donoghue, P.J. & Lester, R.J.G. 1998. Structure and development of a marine actinosporidian, *Sphaeractinomyxon ersei* n. sp. (Myxozoa). J. Euk. Microbiol. 45:142-150.
445. Hamerton, A.E. 1933. Report on deaths occurring in the Society's Gardens during the year 1932. Proc. Zool. Soc. London (1933):451-482.
446. Harrigan, K.E. 1978. Parasitic diseases of birds. Pp 489-536 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
447. Harrigan, K.E. 1981. Parasitic diseases of birds. Pp 337-396 in Refresher Course on Aviary and Caged Birds (Post Graduate Committee in Veterinary Science: University of Sydney).
448. Harris, I.E. 1988. Rabbits - medicine and other veterinary aspects. Aust. Vet. Practit. 18:7-11.
449. Harrop, C.J.F. & Barker, S. 1972. Blood chemistry and gastro-intestinal changes in the developing red kangaroo (*Megaleia rufa*, Desmarest). Aust. J. Expt. Biol. Med. Sci. 50:245-249.
450. Hart, L. 1937. The occurrence in New South Wales of infectious entero-hepatitis (blackhead) of chickens. Agric. Gaz. N.S.W. 48:705-706.
451. Hart, L. 1938. *Eimeria tenella* infection in chickens eight days old. Aust. Vet. J. 14:74.
452. Hart, L. 1939. Coccidiosis of adult fowls. Aust. Vet. J. 15:30-34.
453. Hart, L. 1940. *Trichomonas* infection in an introduced Indian dove (*Turtur suratensis*). Aust. Vet. J. 16:127.
454. Hart, L. 1945. A symposium on poultry diseases. Aust. Vet. J. 21:15-18.
455. Hartley, W.J. & Kater, J.C. 1965. Diseases of the central nervous system of sheep. Aust. Vet. J. 41:107-111.
456. Hartley, W.J. & Moyle, G. 1968. Observations on an outbreak of ovine congenital toxoplasmosis. Aust. Vet. J. 44:105-107.
457. Hartley, W.J. & Moyle, G.G. 1974. Further observations on the epidemiology of ovine *Toxoplasma* infection. Aust. J. Exptl. Biol. Md. Sci. 52:647-653.
458. Hartley, W.J. & Blakemore, W.F. 1974. An unidentified sporozoan encephalomyelitis in sheep. Vet. Path. 11:1-12.
459. Hartley, W.J. & Munday, B.L. 1974. Felidae in the dissemination of toxoplasmosis to man and other animals. Aust. Vet. J. 50:224-228.
460. Hartley, W.J. & Bridge, P.S. 1975. A case of suspected congenital *Toxoplasma* encephalomyelitis in a lamb associated with a spinal cord anomaly. Brit. Vet. J. 131:380-384.
461. Hartley, W.J., Reddacliff, G.L., Finnie, E.P. & Turner, D. 1981. Suspected lethal *Leucocytozoon* infection in the pied currawong (*Strepera graculina*). Pp 95-97 in Fowler, M.E. (ed.) Wildlife Diseases of the Pacific Basin and other Countries. (Proc. 4th. Int. Conf. Wildlife Dis. Assoc.: Sydney).
462. Hartley, W.J., Dubey, J.P. & Spielman, D.S. 1990. Fatal toxoplasmosis in koalas (*Phascolarctos cinereus*). J. Parasitol. 76:271-272.
463. Hartley, W.J. & Dubey, J.P. 1991. Fatal toxoplasmosis in some native Australian birds. J. Vet. Diagn. Invest. 3:167-169.
464. Haswell, W.A. 1890. On a remarkable flat-worm parasitic in the golden frog. Proc. Linn. Soc. N.S.W. 5:661-666.
465. Haswell, W.A. 1901. Notes on the fauna of the gill cavities of freshwater crayfishes. Rep. Aust. Assoc. Adv. Sci. 8:235-237.
466. Hawkesford, T. & Goldsmid, J.M. 1995. Cryptosporidiosis in Tasmania. Aust. J. Med. Sci. 16:76-78.
467. Healey, J.S. & Wilson, J.M. 1960. Field investigations into infertility of dairy cattle in north eastern New South Wales. Aust. Vet. J. 36:447-454.

468. Healey, A., Mitchell, R., Upcroft, J.A., Boreham, P.F.L. & Upcroft, P. 1990. Complete nucleotide sequence of the ribosomal RNA tandem repeat unit from *Giardia intestinalis*. *Nucleic Acids Res.* 18:4006.
469. Hein, W.R. & Cargill, C.F. 1981. An abattoir survey of diseases of feral goats. *Aust. Vet. J.* 57:498-503.
470. Hellard, M.E. & Fairley, C.K. 1997. Gastroenteritis in Australia: who, what, where, and how much? *Aust. N.Z. J. Med.* 27:147-149.
471. Henderson, G.M., Gulland, F.M.D. & Hawkey, C.M. 1988. Haematological findings in budgerigars with *Megabacterium* and *Trichomonas* infections associated with 'going light'. *Vet. Rec.* 123:492-494.
472. Herbert, B. 1987. Notes on diseases and epibionts of *Cherax quadricarinatus* and *C. tenuimanus* (Decapoda: Parastacidae). *Aquaculture* 64:165-173.
473. Herbert, B.W. 1988. Infection of *Cherax quadricarinatus* (Decapoda: Parastacidae) by the microsporidium *Thelohania* sp. (Microsporida: Nosematidae). *J. Fish Dis.* 11:301-308.
474. Heupel, M.R. & Bennett, M.B. 1996. A myxosporean parasite (Myxosporea: Multivalvulida) in the skeletal muscle of epaulette sharks, *Hemiscyllium ocellatum* (Bonnaterre), from the Great Barrier Reef. *J. Fish Dis.* 19:189-191.
475. Heydon, G.M. & Green, A.K. 1931. Some worm infestations of man in Australia. *Med. J. Aust.* 1:619-628.
476. Hill, M.W.M. & Bolton, B.L. 1966. Canine babesiosis in Queensland. *Aust. Vet. J.* 42:84-86.
477. Hill, M.W.M. & Bolton, B.L. 1966. Canine babesiosis in Queensland. *Aust. Vet. J.* 42:391-392.
478. Hill, B.D., Fraser, I.R. & Prior, H.C. 1997. *Cryptosporidium* infection in a dugong (*Dugong dugon*). *Aust. Vet. J.* 75:670-671.
479. Hill, B.D., Green, P.E. & Lucke, H.A. 1997. Hepatitis in the green tree frog (*Litoria caerulea*) associated with infection by a species of *Myxidium*. *Aust. Vet. J.* 75:910-911.
480. Hillyer, E.V., Anderson, M.P., Greiner, E.C., Atkinson, C.T. & Frenkel, J.K. 1991. An outbreak of *Sarcocystis* in a collection of psittacines. *J. Zoo Wildl. Med.* 22:434-445.
481. Hine, P.M. 1980. A review of some species of *Myxidium* Butschli, 1882 (Myxozospora) from eels (*Anguilla* spp.). *J. Protozool.* 27:260-267.
482. Hirai, K., Sawa, H., Yamashita, T., Shimakura, S. & Hashimoto, A. 1980. *Giardia* infection in budgerigars (*Melopsittacus undulatus*). *Jpn. J. Vet. Sci.* 42:615-617.
483. Hoare, C.A. 1972. The Trypanosomes of Mammals. A Zoological Monograph. (Blackwell Scientific Publishers: Oxford).
484. Hobbs, R.P. & Twigg, L.E. 1998. Coccidia (*Eimeria* spp.) of wild rabbits in southwestern Australia. *Aust. Vet. J.* 76:209-210.
485. Hogan, M.E., Schulz, M.W., Slaytor, M., Czolij, R.T. & O'Brien, R.W. 1988. Components of termite and protozoal cellulases from the lower termite, *Coptotermes lacteus* Froggatt. *Insect Biochem.* 18:45-51.
486. Holmes, F.O. 1931. *Herpetomonas bancrofti* n. sp. from the latex of a ficus in Queensland. *Contr. Boyce Thompson Inst.* 3:375-384.
487. Holz, P.H. 1997. Disseminated granulomas caused by protozoan megaloschizonts in superb lyrebirds (*Menura novaehollandiae*). *Aust. Vet. J.* 75:672-673.
488. Hopkins, R.M., Deplazes, P., Meloni, B.P., Reynoldson, J.A. & Thompson, R.C.A. 1993. A field and laboratory evaluation of a commercial ELISA for the detection of *Giardia* coproantigens in humans and dogs. *Trans. Roy. Soc. Trop. Med. Hyg.* 87:39-41.
489. Hopkins, R.M., Thompson, R.C.A., Hobbs, R.P., Lymbery, A.J., Villa, N. & Smithyman, T.M. 1993. Differences in antigen expression within and between 10 isolates of *Giardia duodenalis*. *Acta Tropica* 54:117-124.
490. Hopkins, R.M., Meloni, B.P., Groth, D.M., Wetherall, J.D., Reynoldson, J.A. & Thompson, R.C.A. 1997. Ribosomal RNA sequencing reveals differences between the genotypes of *Giardia* isolates recovered from humans and dogs living in the same locality. *J. Parasitol.* 83:44-51.

491. Horning, E.S. 1925. The mitochondria of a protozoan (*Opalina*) and their behaviour during the life cycle. Aust. J. Exptl. Biol. Med. Sci. 2:167-171.
492. Horwitz, P. 1990. The translocation of freshwater crayfish in Australia: potential impact, the need for control and global relevance. Biol. Conserv. 54:291-305.
493. Howe, P.A. 1980. Coccidiosis in goats. Pp 285-288 in Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
494. Howell, M.J. & Rowell, A.M. 1976. Toxoplasmosis in Canberra Med. J. Aust. 2:465.
495. Hoyne, G.F., Boreham, P.F.L., Parsons, P.G., Ward, C. & Biggs, B. 1989. The effect of drugs on the cell cycle of *Giardia intestinalis*. Parasitol. 99:333-339.
496. Hoyte, H.M.D. 1961. Initial development of infections with *Babesia bigemina*. J. Protozool. 8:462-466.
497. Hoyte, H.M.D. 1965. Further observations on the initial development of infections with *Babesia bigemina*. J. Protozool. 12:83-85.
498. Hoyte, H.M.D. 1971. The infectivity of *Theileria mutans*, *Eperythrozoon wenyoni* and *E. teganodes* to sheep and of *E. ovis* to cattle. Brit. Vet. J. 127:lv-lvii.
499. Hoyte, H.M.D. 1971. Differential diagnosis of *Babesia argentina* and *Babesia bigemina* infections in cattle using thin blood smears and brain smears. Aust. Vet. J. 47:248-250.
500. Hoyte, H.M.D. 1976. The tick-fever parasites of cattle. Proc. Roy. Soc. Qld. 87:5-13.
501. Hudson, D.A. & Lester, R.J.G. 1992. Relationships between water quality parameters and ectocommensal ciliates on prawns (*Penaeus japonicus* Bate) in aquaculture. Aquaculture 105:269-280.
502. Hudson, D.A., Hudson, N.B. & Shields, J.D. 1993. Infection of *Trapezia* spp. (Decapoda: Xanthidae) by *Hematodinium* sp. (Duboscquodinida: Syndinidae): a new family record of infection. J. Fish Dis. 16:273-276.
503. Hudson, D.A. & Shields, J.D. 1994. *Haematodinium australis* n. sp., a parasitic dinoflagellate of the sand crab *Portunus pelagicus* from Moreton Bay, Australia. Dis. Aquat. Org. 19:109-119.
504. Hudson, D.A. & Lester, R.J.G. 1994. Parasites and symbionts of wild mud crabs *Scylla serrata* (Forsk.) of potential significance in aquaculture. Aquaculture 120:183-199.
505. Hudson, D.A. & Adlard, R.D. 1994. PCR techniques applied to *Hematodinium* spp. and *Hematodinium*-like dinoflagellates in decapod crustaceans. Dis. Aquat. Org. 20:203-206.
506. Hudson, D.A. & Adlard, R.D. 1996. Nucleotide sequence determination of the partial SSU rDNA gene and ITS1 region of *Hematodinium* cf. *perezi* and *Hematodinium*-like dinoflagellates. Dis. Aquat. Org. 24:55-60.
507. Huger, A.M. & Lenz, M. 1976. Nachweis einer Colomgregarine (Protozoa: Sporozoa) bei der australischen Termite *Coptotermes acinaciformis* (Isoptera: Rhinotermitidae). Z. Ang. Entomol. 81:252-258.
508. Humphrey, J.D. 1986. Fish health, disease control and aquaculture. Pp 107-114 in Freshwater Aquaculture in Australia. (Rural Press Queensland: Brisbane).
509. Humphrey, J.D. 1988. Disease risks associated with translocation of shellfish, with special reference to the giant clam *Tridacna gigas*. Pp 241-244 in Copland, J. & Lucas, J.S. (ed.) Giants Clams in Asia and the Pacific. Australian Centre for International Agricultural Research, Monograph Series (Craftsman Press: Canberra).
510. Humphry, A.H. 1964. Malaria in the Northern Territory, with special reference to the outbreaks of 1955-1957. Med. J. Aust. 1:703-711.
511. Hungerford, T.G. 1941. Coccidiosis. A serious disease of chickens. Agric. Gaz. N.S.W. 52:389-391.
512. Hunt, J.S. & Collins, W. 1896. Report on tick fever. Report of Special Commission of Queensland Government to USA. (Govt. Printer, Brisbane).
513. Hunt, J.S. 1897. Inoculation for tick fever. The prospects and problems. Qld. Agric. J. 1:404-411.
514. Hunt, J.S. 1898. Notes on the natural history and prevention of Texas fever. Qld. Agric. J. 3:446-456.
515. Hunt, J.S. 1898. Progress report on the reproductive forms of the micro-organism of tick fever, with some observations on the relationships and nomenclature of that disease. Qld. Agric. J. 2:211-220.

516. Hunt, S. & O'Grady, J. 1976. Coccidiosis in pigeons due to *Eimeria labbeana*. Aust. Vet. J. 52:390.
517. Irwin, P.J. 1991. Canine babesiosis in Australia. Aust. Vet. Practit. 21:98.
518. Isbister, J.L.T. 1898. Pathological notes upon the above case of amoebic abscess of the liver and lung. Aust. Med. Gaz. 17:512-513.
519. Jacob-Hoff, R.M. & Dunsmore, J.D. 1983. Epidemiological aspects of toxoplasmosis in southern Western Australia. Aust. Vet. J. 60:217-218.
520. Jakes, K.A. 1998. *Sarcocystis mucosa* in Bennetts wallabies and pademelons from Tasmania. J. Wildlife Dis. 34:594-599.
521. Jaksch, W. 1953. Klinische und serologische Beobachtungen bei Toxoplasmose von Bennett-Kanguruhs in einem Tiergarten. Wein. Tierarztl. Msch. 40:593-600.
522. Jamieson, S. 1915. Malaria arising in a non-malarial district. Med. J. Aust. 1:163-164.
523. Jamieson, A. & Anderson, K. 1973. A method for the isolation of *Naegleria* species from water samples. Pathol. 5:55-58.
524. Jamieson, A. & Anderson, K. 1974. Primary amoebic meningoencephalitis. Lancet 1:261.
525. Jeffries, A.C., Amaro, N., Tenter, A.M. & Johnson, A.M. 1996. Genetic diversity in *Sarcocystis gigantea* assessed by RFLP analysis of the ITS1 region. Appl. Parasitol. 37:275-283.
526. Jennings, J.B. & Cannon, L.R.G. 1985. Observations on the occurrence, nutritional physiology and respiratory pigment of three species of flatworms (Rhabdocoela: Pterastericolidae) entosymbiotic in starfish from temperate and tropical waters. Ophelia 24:199-215.
527. Jennis, F. 1963. Toxoplasmosis in New South Wales. A serological survey. Aust. J. Exptl. Biol. 41:187-198.
528. Jensen, J.M., Patton, S., Wright, B.G. & Loeffler, D.G. 1985. Toxoplasmosis in marsupials in a zoological collection. J. Zoo Anim. Med. 16:129-131.
529. Jerrett, I.V. & Snodgrass, D.R. 1981. Cryptosporidia associated with outbreaks of neonatal calf diarrhoea. Aust. Vet. J. 57:434-435.
530. Jerrett, I.V., McOrist, S., Waddington, J., Browning, J.W., Malecki, J.C. & McCausland, I.P. 1984. Diagnostic studies of the fetus, placenta and maternal blood from 265 bovine abortions. Cornell Vet. 74:8-20.
531. Joachim, A., Tenter, A.M., Jeffries, A.C. & Johnson, A.M. 1996. A RAPD-PCR derived marker can differentiate between pathogenic and non-pathogenic *Sarcocystis* species of sheep. Mol. Cell. Probes 10:165-172.
532. John, D.T. 1993. Opportunistically pathogenic free-living amoebae. Pp 143-246 in Kreier, J.P. & Baker, J.R. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
533. Johnson, E.A. 1907. A trypanosome found in the River Murray turtle (*Chelonia longicollis*). Aust. Med. Gaz. 26:26.
534. Johnson, A.M. 1979. The incidence of anti-*Toxoplasma* antibody in the Australian population. Med. J. Aust. 1:527.
535. Johnson, A.M., McDonald, P.J. & Neoh, S.H. 1979. Kinetics of the growth of *Toxoplasma gondii* (Rh strain) in mice. Int. J. Parasitol. 9:55-56.
536. Johnson, A.M., Roberts, H., Wetherall, B., McDonald, P.J. & Need, J.A. 1979. Relationship between spontaneous abortion and presence of antibody to *Toxoplasma gondii*. Med. J. Aust. 1:579-580.
537. Johnson, A.M., Roberts, H. & McDonald, P.J. 1980. Age-sex distribution of *Toxoplasma* antibody in the South Australian population. J. Hyg. Camb. 84:315-320.
538. Johnson, A.M., McDonald, P.J. & Neoh, S.H. 1981. Molecular weight analysis of the major polypeptides and glycopeptides of *Toxoplasma gondii*. Biochem. Biophys. Res. Comm. 100:934-943.
539. Johnson, A.M., McDonald, P.J. & Neoh, S.H. 1983. Monoclonal antibodies to *Toxoplasma* cell membrane surface antigens protect mice from toxoplasmosis. J. Protozool. 30:351-356.
540. Johnson, A.M., McDonald, P.J. & Neoh, S.H. 1983. Molecular weight analysis of soluble antigens from *Toxoplasma gondii*. J. Parasitol. 69:459-464.
541. Johnson, A.M., Haynes, W.D., Leppard, P.J., McDonald, P.J. & Neoh, S.H. 1983. Ultrastructural and

- biochemical studies on the immunohistochemistry of *Toxoplasma gondii* antigens using monoclonal antibodies. *Histochemistry* 77:209-215.
542. Johnson, A.M. 1984. Strain-dependent, route of challenge-dependent murine susceptibility to toxoplasmosis. *Z. Parasitenkd.* 70:303-309.
543. Johnson, A.M. 1985. The antigenic structure of *Toxoplasma gondii*: a review. *Pathol.* 17:9-19.
544. Johnson, A.M., Roberts, H., P.J., M. & Rothe, J. 1985. Detection of *Toxoplasma*-specific IgM in cord blood sera by antibody-class capture enzyme-linked immunosorbent assay. *Pathol.* 17:586-589.
545. Johnson, A.M., McDonald, P.J. & Illana, S. 1986. Characterization and *in vitro* translation of *Toxoplasma gondii* ribonucleic acid. *Mol. Biochem. Parasitol.* 18:313-320.
546. Johnson, A.M., Illana, S., Dubey, J.P. & Dame, J.B. 1987. *Toxoplasma gondii* and *Hammondia hammondi*: DNA comparison using cloned rRNA gene probes. *Exptl. Parasitol.* 63:272-278.
547. Johnson, A.M., Gu, Q.M. & Roberts, H. 1987. Antibody patterns in the serological diagnosis of acute lymphadenopathic toxoplasmosis. *Aust. N. Z. J. Med.* 17:430-434.
548. Johnson, A.M., Murray, P.J., Illana, S. & Baverstock, P.J. 1987. Rapid nucleotide sequence analysis of the small subunit ribosomal RNA of *Toxoplasma gondii*: evolutionary implications for the Apicomplexa. *Mol. Biochem. Parasitol.* 25:239-246.
549. Johnson, A.M., Illana, S., Hakendorf, P. & Baverstock, P.R. 1988. Phylogenetic relationships of the apicomplexan protist *Sarcocystis* as determined by small subunit ribosomal RNA comparison. *J. Parasitol.* 74:847-860.
550. Johnson, A.M. 1988. Pathogenicity of *Toxoplasma gondii* cysts and oocysts measured by fever and weight loss in mice. *Int. J. Parasitol.* 18:865-868.
551. Johnson, A.M., Roberts, H. & Munday, B.L. 1988. Prevalence of *Toxoplasma gondii* antibody in wild macropods. *Aust. Vet. J.* 65:199-201.
552. Johnson, A.M., Thanou, A., Boreham, P.F.L. & Baverstock, P.R. 1989. *Blastocystis hominis*: phylogenetic affinities determined by rRNA sequence comparison. *Exptl. Parasitol.* 68:283-288.
553. Johnson, A.M., Roberts, H., Statham, P. & Munday, B.L. 1989. Serodiagnosis of acute toxoplasmosis in macropods. *Vet. Parasitol.* 34:25-33.
554. Johnson, A.M., Fielke, R., Lumb, R. & Baverstock, P.R. 1990. Phylogenetic relationships of *Cryptosporidium* determined by ribosomal RNA sequence comparison. *Int. J. Parasitol.* 20:141-147.
555. Johnson, A.M., Phillips, P. & Jenkins, D. 1990. Prevalence of *Toxoplasma gondii* antibodies in dingoes. *J. Wildl. Dis.* 26:383-386.
556. Johnson, A.M., Fielke, R., Christy, P.E., Robinson, B. & Baverstock, P.R. 1990. Small subunit ribosomal RNA evolution in the genus *Acanthamoeba*. *J. Gen. Microbiol.* 136:1689-1698.
557. Johnson, A.M., Fielke, R., Ellis, J., O'Donoghue, P.J. & Baverstock, P.R. 1991. The phylogenetic relationships of the genus *Eimeria* based on comparison of partial sequences of 18S rRNA. *Syst. Parasitol.* 18:1-8.
558. Johnson, A.M. & Illana, S. 1991. Cloning of *Toxoplasma gondii* gene fragments encoding diagnostic antigens. *Gene* 99:127-132.
559. Johnson, A.M., Roberts, H. & Tenter, A.M. 1992. Evaluation of a recombinant antigen ELISA for the diagnosis of acute toxoplasmosis and comparison with traditional antigen ELISAs.1 *J. Med. Microbiol.* 37:404-409.
560. Johnson, A.M. 1997. Speculation on possible life-cycles for the clonal lineages in the genus *Toxoplasma*. *Parasitol. Today* 13:393-397.
561. Johnston, T.H. 1909. (Exhibit of *Myxobolus*). *Proc. Roy. Soc. N.S.W.* 43:29.
562. Johnston, T.H. 1909. Notes on some Australian parasites. *Agric. Gazette N.S.W.* 20:581-584.
563. Johnston, T.H. 1909. The entozoa of Monotremata and Australian Marsupialia. No. 1. *Proc. Linn. Soc. N.S.W.* 34:514-523.
564. Johnston, T.H. & Cleland, J.B. 1909. On a new melanin-producing haematozoon from an Australian tortoise. *J. Roy. Soc. N.S.W.* 43:97-103.
565. Johnston, T.H. 1909. On some new haemogregarines from Australian reptiles. *Proc. Linn. Soc.*

- N.S.W. 34:400-410.
566. Johnston, T.H. 1909. On a new haemoprotozoan. *Rec. Aust. Mus.* 7:257-259.
567. Johnston, T.H. 1909. Notes on Australian entozoa. No. 1. *Rec. Aust. Mus.* 7:329-344.
568. Johnston, T.H. & Cleland, J.B. 1909. Notes on some parasitic protozoa. *Proc. Linn. Soc. N.S.W.* 34:500-513.
569. Johnston, T.H. 1909/10. Notes and exhibits of entozoa. *Proc. Linn. Soc. N.S.W.* 34:217-219, 412-413, 417-418, 590-591.
570. Johnston, T.H. & Cleland, J.B. 1910. Protozoal infections. *Rep. Govt. Bur. Microbiol.* (1909):31-46.
571. Johnston, T.H. 1910. On Australian avian entozoa. *J. Roy. Soc. N.S.W.* 44:84-122.
572. Johnston, T.H. & Cleland, J.B. 1910. The haematozoa of Australian Reptilia. No. 1. *Proc. Linn. Soc. N.S.W.* 35:677-685.
573. Johnston, T.H. 1910. Notes on some Australian parasites. *Agric. Gaz. N.S.W.* 20:349-353.
574. Johnston, T.H. & Cleland, J.B. 1910. The haematozoa of Australian fish. No. 1. *Proc. Roy. Soc. N.S.W.* 44:406-415.
575. Johnston, T.H. & Cleland, J.B. 1911. The haematozoa of Australian Reptilia. No. II. *Proc. Linn. Soc. N.S.W.* 36:479-491.
576. Johnston, T.H. 1911. The entozoa of Monotremata and Australian Marsupialia. No. 2. *Proc. Linn. Soc. N.S.W.* 36:47-57.
577. Johnston, T.H. 1912. A census of Australian reptilian entozoa. *Proc. Roy. Soc. Qld.* 23:233-249.
578. Johnston, T.H. 1912. On Australian avian entozoa. *Rep. Govt. Bur. Microbiol.* (1912):122-136.
579. Johnston, T.H. 1912. Internal parasites recorded from Australian birds. *Emu* 12:105-112.
580. Johnston, T.H. 1912. Notes on some entozoa. *Proc. Roy. Soc. Qld.* 24:63-91.
581. Johnston, T.H. 1916. A census of the endoparasites recorded as occurring in Queensland, arranged under their hosts. *Proc. Roy. Soc. Qld.* 28:31-79.
582. Johnston, T.H. & Bancroft, M.J. 1918. A parasite, *Myxobolus hylae* sp. nov., of the reproductive organs of the golden swamp frog, *Hylea aurea*. *Aust. Zool.* 1:171-175.
583. Johnston, T.H. 1918. Notes on certain entozoa of rats and mice, together with a catalogue of the internal parasites recorded as occurring in rodents in Australia. *Proc. Roy. Soc. Qld.* 30:53-78.
584. Johnston, T.H. & Bancroft, M.J. 1918. Some new sporozoan parasites of Queensland freshwater fish. *J. Roy. Soc. N.S.W.* 52:520-528.
585. Johnston, T.H. 1926. Note on the occurrence of coccidiosis in South Australian sheep. *Rep. Aust. Assoc. Adv. Sci.* (1924) 17:712-714.
586. Johnston, T.H. 1932. The parasites of the "stumpy-tail" lizard *Trachysaurus rugosus*. *Trans. Roy. Soc. S.A.* 56:62-70.
587. Johnston, L.A.Y. 1968. The incidence of clinical babesiosis in cattle in Queensland. *Aust. Vet. J.* 44:265-267.
588. Johnston, L.A.Y. & Tammemagi, L. 1969. Bovine babesiosis: duration of latent infection and immunity to *Babesia argentina*. *Aust. Vet. J.* 45:445-449.
589. Johnston, L.A.Y., Pearson, R.D. & Leatch, G. 1973. A comparison of indirect, direct inhibition and labelled anticomplement fluorescent antibody tests in the detection of *Babesia argentina* infection in cattle. *Aust. Vet. J.* 49:421-423.
590. Johnston, L.A.Y., Pearson, R.D. & Leatch, G. 1973. Evaluation of an indirect fluorescent antibody test for detecting *Babesia argentina* infection in cattle. *Aust. Vet. J.* 49:373-377.
591. Johnston, L.A.Y., Trueman, K.F. & Pearson, R.D. 1977. Bovine babesiosis: comparison of fluorescent antibody and Giemsa staining in post-mortem diagnosis of infection. *Aust. Vet. J.* 53:222-226.
592. Johnston, L.A.Y., Leatch, G. & Jones, P.N. 1978. The duration of latent infection and functional immunity in Droughtmaster and Hereford cattle following natural infection with *Babesia argentina* and *Babesia bigemina*. *Aust. Vet. J.* 54:14-18.
593. Johnston, J. & Gasser, R.B. 1993. Copro-parasitological survey of dogs in southern Victoria. *Aust. Vet. Practit.* 23:127-131.
594. Jones, G.W., Parker, R.J. & Parke, C.R. 1985. Coccidia associated with enteritis in grower pigs. *Aust.*

- Vet. J. 62:319.
595. Jones, G.W. & Parker, R.J. 1985. *Eimeria canadensis* in calves. Aust. Vet. J. 62:142.
 596. Jones, H.I. & Woehler, E.J. 1989. A new species of blood trypanosome from little penguins (*Eudypula minor*) in Tasmania. J. Protozool. 36:389-390.
 597. Jones, S.H., Lew, A.E., Jorgensen, W.K. & Barker, S.C. 1997. *Babesia bovis*: genome size, number of chromosomes and telomeric probe hybridisation. Int. J. Parasitol. 27:1569-1573.
 598. Jorgensen, W.K., DeVos, A.J. & Dalgliesh, R.J. 1989. Comparison of immunogenicity and virulence between *Babesia bigemina* parasites from continuous culture and from a splenectomised calf. Aust. Vet. J. 66:371-372.
 599. Jorgensen, K., DeVos, A.J. & Dalgliesh, R.J. 1989. Infectivity of cryopreserved *Babesia bovis*, *Babesia bigemina* and *Anaplasma centrale* for cattle after thawing, dilution and incubation at 30°C. Vet. Parasitol. 31:243-251.
 600. Jorgensen, W.K., Bock, R.E., Kingston, T.G., DeVos, A.J. & Waldron, S.J. 1993. Assessment of tetracycline and *Babesia* culture supernatant as prophylactics for moderating reactions in cattle to live *Babesia* and *Anaplasma* vaccines. Aust. Vet. J. 70:35-36.
 601. Jorgensen, W.K., Stewart, N.P., Jeston, P.J., Molloy, J.B., Blight, G.W. & Dalgliesh, R.J. 1997. Isolation and pathogenicity of Australian strains of *Eimeria praecox* and *Eimeria mitis*. Aust. Vet. J. 75:592-595.
 602. Jorgensen, W.K., Jeston, P.J., Bowles, P.M., Croft, J., Lew, A.E., Molloy, J.B. & Dalgliesh, R.J. 1998. Relationships between vaccine and virulent strains of *Babesia bovis* during co-infection in calves. Aust. Vet. J. 76:57-58.
 603. Kahl, L.P., Anders, R.F., Rodwell, B.J., Timms, P. & Mitchell, G.F. 1982. Variable and common antigens of *Babesia bovis* parasites differing in strain and virulence. J. Immunol. 129:1700-1705.
 604. Kahl, L.P., Anders, R.F., Callow, L.L., Rodwell, B.J. & Mitchell, G.F. 1982. Development of a solid-phase radioimmunoassay for antibody to antigens of *Babesia bovis* infected bovine erythrocytes. Int. J. Parasitol. 12:103-109.
 605. Kakoma, I. & Mehlhorn, H. 1994. *Babesia* of domestic animals. Pp 141-216 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
 606. Kalyakin, V.N. & Zasukhin, D.N. 1975. Distribution of *Sarcocystis* (Protozoa: Sporozoa) in vertebrates. Fol. Parasitol. (Praha) 22:289-307.
 607. Kane, J.R. 1965. The genus *Lagenophrys* Stein, 1852 (Ciliata, Peritricha) on Australian Parastacidae. J. Protozool. 12:109-122.
 608. Kanyari, P.W.N. 1988. Coccidiosis in goats and aspects of epidemiology. Aust. Vet. J. 65:257-258.
 609. Kent, M.L., Moser, M. & Fournie, J.W. 1989. Coccidian parasites (Apicomplexa: Eucoccidiorida) in hardy head fish, *Atherinomorus capricornensis* (Woodland). J. Fish Dis. 12:179-183.
 610. Kent, M.L. & Moser, M. 1990. *Ortholinea alata* n. sp. (Myxosporrea: Ortholineidae) in the northern butterfly fish *Chaetodon rainfordi*. J. Protozool. 37:49-51.
 611. Kettle, D.S. & Piper, R.G. 1988. Light and electron microscope studies on three new species of microsporidia from saltmarsh mosquitoes in Australia. Europ. J. Protistol. 23:229-241.
 612. Kimmerer, W.J. & McKinnon, A.D. 1990. High mortality in a copepod population caused by a parasitic dinoflagellate.. Marine Biol. 107:449-452.
 613. Kirby, H. & Honigberg, B. 1950. Intestinal flagellates from a wallaroo, *Macropus robustus* Gould. Univ. Calif. Pub. Zool. 50:35-66.
 614. Knopf, P.M., Brown, G.V., Howard, R.J. & Mitchell, G.F. 1979. Immunoprecipitation of biosynthetically-labelled products in the identification of antigens of murine red cells infected with the protozoan parasite, *Plasmodium berghei*. Aust. J. Expt. Biol. Med. Sci. 57:603-615.
 615. Kotler, D.P. & Orenstein, J.M. 1998. Clinical syndromes associated with microsporidiosis. Ad. Parasitol. 40:321-349.
 616. Kulda, J. & Nohynkova, E. 1995. *Giardia* in humans and animals. Pp 225-422 in Kreier, J.P. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
 617. Labbe, A. 1899. Sporozoa. Pp 1-180 in Schulze, F.E. & Butschli, O. (ed.) Das Tierreich. Eine

Zusammenstellung und Kennzeichnung der rezenten Tierformen. Vol. 5. (Friedlander & Sohn: Berlin).

618. Ladds, P.W., Dennett, D.P. & Glazebrook, J.S. 1973. A survey of the genitalia of bulls in northern Australia. *Aust. Vet. J.* 49:335-340.
619. Ladds, P.W., Donovan, J.A., Reynolds, A. & Turton, J.A. 1994. Giant cell enteritis in young crocodiles. *Aust. Vet. J.* 71:300-301.
620. LaHaye, C.A., Holland, N.D. & McLean, N. 1984. Electron microscopic study of *Haplosporidium comatulae* n. sp. (Phylum Ascetospora: Class Stelatosporea), a haplosporidian endoparasite of an Australian crinoid, *Oligometra serripinna* (Phylum Echinodermata). *Protistologica* 20:507-515.
621. Lake, B. 1963. The diagnosis of adult toxoplasmosis. *Med. J. Aust.* 2:269-271.
622. Landau, I., Rosin, G., Miltgen, F., Hugot, J.P., Leger, N., Beveridge, I. & Baccam, D. 1980. Sur le genre *Polychromophilus* (Haemoproteidae, parasite de Microchiropteres). *Ann. Parasitol. Hum. Comp.* 55:13-32.
623. Landau, I., Humphery-Smith, I., Chabaud, A.G., Miltgen, F., Copeman, B. & Boulard, Y. 1985. Description et transmission experimentale de l'haemoproteide *Hepatocystis levinei* n. sp. *Ann. Parasitol. Hum. Comp.* 60:373-382.
624. Langdon, J.S., Gudkovs, N., Humphrey, J.D. & Saxon, E.C. 1985. Deaths in Australian freshwater fishes associated with *Chilodonella hexasticha* infection. *Aust. Vet. J.* 62:409-413.
625. Langdon, J.S. 1987. Spinal curvatures and an encephalotropic myxosporean, *Triangula percae* sp. nov. (Myxozoa: Ortholineidae), enzootic in redfin perch, *Perca fluviatilis* L., in Australia. *J. Fish Dis.* 10:425-434.
626. Langdon, J.S. 1988. Investigation of fish kills. Pp 168-176 in *Fish Diseases. Refresher Course for Veterinarians.* (Post Graduate Committee in Veterinary Science: University of Sydney).
627. Langdon, J.S. 1988. Diseases of introduced Australian fish. Pp 225-276 in *Fish Diseases. Refresher Course for Veterinarians.* (Post Graduate Committee in Veterinary Science: University of Sydney).
628. Langdon, J.S. 1990. Major protozoan and metazoan parasitic diseases of Australian finfish. Pp 233-255 in Munday, B.L. (ed.) *Fin Fish Diseases. Refresher Course for Veterinarians.* (Post Graduate Committee in Veterinary Science: University of Sydney).
629. Langdon, J.S. 1990. Observations on new *Myxobolus* species and *Kudoa* species infecting the nervous system of Australian fishes. *J. Appl. Ichthyol.* 6:107-116.
630. Langdon, J.S. 1991. Description of *Vavraia parastacida* sp. nov. (Microspora: Pleistophoridae) from marron, *Cherax tenuimanus* (Smith), (Decapoda: Parastacidae). *J. Fish Dis.* 14:619-629.
631. Langdon, J.S. 1991. Microsporidiosis due to a pleistophorid in marron, *Cherax tenuimanus* (Smith), (Decapoda: Parastacidae). *J. Fish Dis.* 14:33-44.
632. Langdon, J.S. 1991. Myoliquefaction post-mortem ('milky flesh') due to *Kudoa thyrsites* (Gilchrist) (Myxosporea: Multivalvulida) in mahi mahi, *Coryphaena hippurus* L. *J. Fish Dis.* 14:45-54.
633. Langdon, J.S. 1991. Diseases of mahi mahi or common dolphin fish, *Coryphaena hippurus*, in Australia. *Fish. Res. Bull. Fish. Dept. W.A.* 29:1-17.
634. Langdon, J.S. 1992. Major protozoan and metazoan parasitic diseases of Australian finfish. Pp 1-26 in *Fin Fish Workshop, Refresher Course for Veterinarians.* (Post Graduate Committee in Veterinary Science: University of Sydney).
635. Langdon, J.S. & Thorne, T. 1992. Experimental transmission *per os* of microsporidiosis due to *Vavraia parastacida* in the marron, *Cherax tenuimanus* (Smith), and yabby, *Cherax albidus* Clark. *J. Fish Dis.* 15:315-322.
636. Langdon, J.S., Thorne, T. & Fletcher, W.J. 1992. Reservoir hosts and new clupeoid host records for the myoliquefactive myxosporean parasite *Kudoa thyrsites* (Gilchrist). *J. Fish Dis.* 15:459-471.
637. Langdon, J.S. 1992. Pathology of fish skin, gills, heart and musculoskeletal system. Pp 111-130 in *Fin Fish Workshop* (Post Graduate Committee in Veterinary Science: University of Sydney).
638. Larkin, T.S., Sweeney, A.W. & Carruthers, R.I. 1990. Simulation of epizootic dynamics of a microsporidium pathogen of mosquitoes. Pp 359-363 in *Proceedings of Vth. International*

Colloquim on Invertebrate Pathology and Microbial Control (Society for Invertebrate Pathology: Adelaide).

639. Latimer, K.S., Steffens, W.L.I., Rakich, P.M., Ritchie, B.W., Niagro, F.D., Kircher, I.M. & Lukert, P.D. 1992. Cryptosporidiosis in four cockatoos with psittacine beak and feather disease. *J. Am. Vet. Med. Ass.* 200:707-710.
640. Laveran, A. 1908. Sur une hemogregarine, un trypanosome et un spirille, trouves dans le sang d'un requin. *Bull. Soc. Pat. Exot.* 1:148-150.
641. Lawrence, J. 1946. Some observations on the plasmodia and other blood parasites of sparrows. *Proc. Linn. Soc. N.S.W.* 71:1-5.
642. Lawrence, J.J. 1955. The asexual multiplication of the "malarial parasite" of Australian flying foxes. *Aust. J. Sci.* 18:61-62.
643. Lawrence, J.J. & Bearup, A.J. 1961. A new host record for *Plasmodium relictum*: the silver gull (*Larus novae-hollandiae* Stephens). *Indian J. Malariol.* 15:11-19.
644. Lee, C.G. & Ross, A.D. 1977. Renal coccidiosis of the horse associated with *Klossiella equi*. *Aust. Vet. J.* 53:287-288.
645. Legg, J. 1926. Can the catte tick *Haemaphysalis bispinosa* act as the carrier of piroplasmosis (*Piroplasma bigeminum*)? An experimental enquiry. *Aust. J. Exptl. Biol. Med. Sci.* 3:203-216.
646. Legg, J. 1928. Some notes on babesiosis (*Babesia bigeminum*) of cattle. *Aust. Vet. J.* 4:98-103.
647. Legg, J. 1931. The value of the blood of recovered cattle in redwater inoculation. *Aust. Vet. J.* 7:70-74.
648. Legg, J. 1933. A brief review of the Piroplasms, with special reference to the types found in Australian redwater. *Aust. Vet. J.* 9:14-19.
649. Legg, J. 1936. The treatment of piroplasmosis (*P. bigeminum*) with akiron. *Aust. Vet. J.* 12:227-230.
650. Legg, J. 1936. Inoculation of cattle against redwater and anaplasmosis. *Qld. Agric. J.* 45:32-35.
651. Legg, J. 1939. The treatment of babesiellosis (*B. argentina*) with acaprin. *Aust. Vet. J.* 15:121-123.
652. Legg, J. 1939. Recent observations on the premunization of cattle against tick-fevers in Queensland. *Aust. Vet. J.* 15:46-53.
653. Legg, J. 1947. Report of the Director, Division of Animal Industry. *Ann. Rep. Dept. Agric. Stock Qld. for 1946-47 (1947):*42-53.
654. Lester, R.J.G. & Davis, G.H.G. 1981. A new *Perkinsus* species (Apicomplexa, Perkinsea) from the abalone *Haliotis ruber*. *J. Invert. Pathol.* 37:181-187.
655. Lester, R.J.G. 1982. *Unicapsula seriolae* n.sp. (Myxosporea, Multivalvulida) from Australian yellowtail kingfish *Seriola lalandi*. *J. Protozool.* 29:584-587.
656. Lester, R.J.G. 1986. Abalone die-back caused by protozoan infection? *Aust. Fisheries* 45:26-27.
657. Lester, R.J.G., Sewell, K.B., Barnes, A. & Evans, K. 1988. Stock discrimination of orange roughy, *Hoplostethus atlanticus*, by parasite analysis. *Mar. Biol.* 99:137-143.
658. Lester, R.J.G. & Sewell, K.B. 1989. Checklist of parasites from Heron Island, Great Barrier Reef. *Aust. J. Zool.* 37:101-128.
659. Lester, R.J.G. & Paynter, J.L. 1990. Diseases of cultured prawns in Australia. Pp 97-101 in *Advances in Tropical Aquaculture, Actes de Colloque (Aquacop IFREMER: Tahiti)*.
660. Lester, R.J.G. 1990. Diseases of cultured molluscs in Australia. Pp 207-216 in *Advances in Tropical Aquaculture, Actes de Colloques (Aquacop IFREMER: Tahiti)*.
661. Lester, R.J.G., Goggin, C.L. & Sewell, K.B. 1990. *Perkinsus* in Australia. Pp 189-199 in Perkins, F.O. & Cheng, T.C. (ed.) *Pathology in Marine Science (Acadameic Press: San Diego)*.
662. Lethbridge, H.O. 1931. Report of cases. *Trichomonas* vaginitis. *Med. J. Aust.* 1:232.
663. Levine, N.D. 1979. What is '*Sarcocystis*' *mucosa* ? *Ann. Trop. Med. Parasitol.* 73:91-92.
664. Lew, A.E., Bock, R.E., Croft, J.M., Minchin, C.M., Kingston, T.G. & Dalgliesh, R.J. 1997. Genotypic diversity in field isolates of *Babesia bovis* from cattle with babesiosis after vaccination. *Aust. Vet. J.* 75:575-578.
665. Lewis, J.C. 1913. Report of the Veterinary and Stock Department for 1912. Blood parasites. *Rep. Admin. N.T. Aust. (1912):*136-137.

666. Lewis, R.K., Shepherd, S.A., O'Donoghue, P.J. & Phillips, P.H. 1987. Protozoan parasite (*Perkinsus*) infection in abalone: a progress report. *SAFISH* 11:7-8.
667. Lindsay, D.S., Gasser, R.B., Harrigan, K.E., Madill, D.N. & Blagburn, B.L. 1995. Central nervous system toxoplasmosis in roller canaries. *Avian Dis.* 39:204-207.
668. Links, I.J. 1982. Cyptosporidial infection of piglets. *Aust. Vet. J.* 58:60-62.
669. Lom, J., Rohde, K. & Dykova, I. 1992. Studies on protozoan parasites of Australian fishes. I. New species of the genera *Coccomyxa* Leger et Hesse, 1907, *Ortholinea* Shulman, 1962 and *Kudoa* Meglitsch, 1947 (Myxozoa, Myxosporea). *Folia Parasitol.* 39:289-306.
670. Lom, J. & Dykova, I. 1992. Protozoan parasites of fishes. *Developments in Aquaculture and Fisheries Science*, 26 (Elsevier: Amsterdam).
671. Lom, J., Rohde, K. & Dykova, I. 1993. *Crepidodinium australe* n. sp., an ectocommensal dinoflagellate from the gills of *Sillago ciliata*, an estuarine fish from the New South Wales coast of Australia. *Dis. Aquat. Org.* 15:63-72.
672. Lom, J. & Dykova, I. 1995. Studies on protozoan parasites of Australian fishes. Notes on coccidian parasites with description of three new species. *Syst. Parasitol.* 31:147-156.
673. Long, P.L. 1993. Avian coccidiosis. Pp 1-88 in Kreier, J.P. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
674. Ludford, C.G. 1969. Fluorescent antibody staining of four *Babesia* species. *Exptl. Parasitol.* 24:327-335.
675. Lumb, R., Erlich, J. & Davidson, G.P. 1985. *Cryptosporidia* detection *Med. J. Aust.* 142:329-330.
676. Lumb, R., Smith, K., O'Donoghue, P.J. & Lanser, J.A. 1988. Ultrastructure of the attachment of *Cryptosporidium* sporozoites to tissue culture cells. *Parasitol. Res.* 74:531-536.
677. Lumb, R., Lanser, J.A. & O'Donoghue, P.J. 1988. Electrophoretic and immunoblot analysis of *Cryptosporidium* oocysts. *Immunol. Cell Biol.* 66:369-376.
678. Lumb, R., Smith, P.S., Davies, R., O'Donoghue, P.J., Atkinson, H.M. & Lanser, J.A. 1989. Localization of a 23,000 MW antigen of *Cryptosporidium* by immunoelectron microscopy. *Immunol. Cell Biol.* 67:267-270.
679. Lumb, R., Swift, J., James, C., Papanoum, K. & Mukherjee, T. 1993. Identification of the microsporidian parasite, *Enterocytozoon bienersi* in faecal samples and intestinal biopsies from an AIDS patient. *Int. J. Parasitol.* 23:793-801.
680. Luton, K., Gleeson, M. & Johnson, A.M. 1995. rRNA gene sequence heterogeneity among *Toxoplasma gondii* strains. *Parasitol. Res.* 81:310-315.
681. Lynch, D.D. 1964. *Fish diseases*. (Inland Fish Comm. Report: Hobart).
682. Lyons, R.E. & Johnson, A.M. 1995. Heat shock proteins of *Toxoplasma gondii*. *Parasite Immunol.* 17:353-359.
683. Lyons, R.E. & Johnson, A.M. 1998. Gene sequence and transcription differences in 70kDa heat shock protein correlate with murine virulence of *Toxoplasma gondii*. *Int. J. Parasitol.* 28:1041-1051.
684. Mackerras, I.M. & Mackerras, M.J. 1925. The haematozoa of Australian marine Teleostei. *Proc. Linn. Soc. N.S.W.* 50:359-366.
685. Mackerras, M.J. & Roberts, F.H.S. 1947. Experimental malarial infections in Australasian anophelines. *Ann. Trop. Med. Parasitol.* 41:329-356.
686. Mackerras, M.J. & Ercole, Q.N. 1947. Observations on the action of paludrine on malarial parasites. *Trans. Roy. Soc. Trop. Med. Hyg.* 41:365-376.
687. Mackerras, M.J. & Ercole, Q.N. 1948. Observations on the development of human malarial parasites in the mosquito. I. Morphological changes. *Aust. J. Exptl. Biol. Med. Sci.* 26:439-447.
688. Mackerras, M.J. & Ercole, Q.N. 1948. Observations on the development of human malarial parasites in the mosquito. II. Factors influencing infection. *Aust. J. Exptl. Biol. Med. Sci.* 26:449-458.
689. Mackerras, M.J. & Ercole, Q.N. 1949. Some observations on the action of quinine, atebirin, and plasmoquine on *Plasmodium vivax*. *Trans. Roy. Soc. Trop. Med. Hyg.* 42:443-454.
690. Mackerras, M.J. & Ercole, Q.N. 1949. Observations on the actions of quinine, atebirin and plasmoquine on the gametocytes of *Plasmodium falciparum*. *Trans. Roy. Soc. Trop. Med. Hyg.*

- 42:455-463.
691. Mackerras, I.M., Mackerras, M.J. & Sandars, D.F. 1953. Parasites of the bandicoot, *Isoodon obesulus*. Proc. Roy. Soc. Qld. 63:61-63.
692. Mackerras, M.J. 1958. Catalogue of Australian mammals and their recorded internal parasites. Part I. Monotremes and marsupials. Part II. Eutheria. Part III. Introduced herbivora and the domestic pig. Part IV. Man Proc. Linn. Soc. N.S.W. 83:101-160.
693. Mackerras, M.J. 1959. The haematozoa of Australian mammals. Aust. J. Zool. 7:105-135.
694. Mackerras, M.J. & Mackerras, I.M. 1960. The haematozoa of Australian birds. Aust. J. Zool. 8:226-260.
695. Mackerras, M.J. 1961. The haematozoa of Australian reptiles. Aust. J. Zool. 9:61-122.
696. Mackerras, M.J. & Mackerras, I.M. 1961. The haematozoa of Australian frogs and fish. Aust. J. Zool. 9:123-139.
697. Mackerras, M.J. 1962. The life history of a *Hepatozoon* (Sporozoa: Adeleidea) of varanid lizards in Australia. Aust. J. Zool. 10:35-44.
698. Macwhirter, P. 1994. Passeriformes. Pp 1172-1199 in Ritchie, B.W., Harrison, G.J. & Harrison, L.R. (ed.) Avian Medicine: Principles and Application. (Wingers Publ.: New York).
699. Mahoney, D.F. & Saal, J.R. 1961. Bovine babesiosis: thick blood films for the detection of parasitaemia. Aust. Vet. J. 37:44-47.
700. Mahoney, D.F. 1962. Bovine babesiosis: diagnosis of infection by a complement fixation test. Aust. Vet. J. 38:48-52.
701. Mahoney, D.F. 1962. The epidemiology of babesiosis in cattle. Aust. J. Sci. 24:310-313.
702. Mahoney, D.F. 1964. Bovine babesiosis: an assessment of the significance of complement fixing antibody based upon experimental infection. Aust. Vet. J. 40:369-375.
703. Mahoney, D.F. 1966. Circulating antigens in cattle infected with *Babesia bigemina* or *B. argentina*. Nature 211:422.
704. Mahoney, D.F. 1967. Bovine babesiosis: preparation and assessment of complement fixing antigens. Exptl. Parasitol. 20:232-241.
705. Mahoney, D.F. 1967. Bovine babesiosis: the passive immunization of calves against *Babesia argentina* with special reference to the role of complement fixing antibodies. Exptl. Parasitol. 20:119-124.
706. Mahoney, D.F. 1967. Bovine babesiosis: the immunization of cattle with killed *Babesia argentina*. Exptl. Parasitol. 20:125-129.
707. Mahoney, D.F. & Goodger, B.V. 1969. *Babesia argentina*: serum changes in infected calves. Exptl. Parasitol. 24:375-382.
708. Mahoney, D.F. 1969. Bovine babesiosis: a study of factors concerned in transmission. Ann. Trop. Med. Parasitol. 63:1-15.
709. Mahoney, D.F. & Mirre, G.B. 1971. Bovine babesiosis: estimation of infection rates in the tick vector *Boophilus microplus* (Canestrini). Ann. Trop. Med. Parasitol. 65:309-317.
710. Mahoney, D.F. & Goodger, B.V. 1972. *Babesia argentina*: immunogenicity of plasma from infected animals. Exptl. Parasitol. 32:71-85.
711. Mahoney, D.F. & Ross, D.R. 1972. Epizootiological factors in the control of bovine babesiosis. Aust. Vet. J. 48:292-298.
712. Mahoney, D.F., Wright, I.G. & Mirre, G.B. 1973. Bovine babesiosis: the persistence of immunity to *Babesia argentina* and *B. bigemina* in calves (*Bos taurus*) after naturally acquired infection. Ann. Trop. Med. Parasitol. 67:197-203.
713. Mahoney, D.F., Wright, I.G. & Ketterer, P.J. 1973. *Babesia argentina*: the infectivity and immunogenicity of irradiated blood parasites for splenectomized calves. Int. J. Parasitol. 3:209-217.
714. Mahoney, D.F. & Mirre, G.B. 1974. *Babesia argentina*: the infection of splenectomized calves with extracts of larval ticks (*Boophilus microplus*). Res. Vet. Sci. 16:112-114.
715. Mahoney, D.F., Wright, I.G., Frerichs, W.M., Groenendyk, S., O'Sullivan, B.M., Robets, M.C. &

- Waddell, A.H. 1977. The identification of *Babesia equi* in Australia. Aust. Vet. J. 53:461-464.
716. Mahoney, D.F. 1977. *Babesia* of domestic animals. Pp 1-52 in Kreier, J.P. (ed.) Parasitic Protozoa. (Academic Press: New York).
717. Mahoney, D.F. & Mirre, G.B. 1979. A note on the transmission of *Babesia bovis* (syn *B. argentina*) by the one-host tick, *Boophilus microplus*. Res. Vet. Sci. 26:253-254.
718. Mahoney, D.F., Wright, I.G. & Goodger, B.V. 1979. Immunity in cattle to *Babesia bovis* after single infections with parasites of various origin. Aust. Vet. J. 55:10-12.
719. Mahoney, D.F., Kerr, J.D., Goodger, B.V. & Wright, I.G. 1979. The immune response of cattle to *Babesia bovis* (syn. *B. argentina*). Studies on the nature and specificity of protection. Int. J. Parasitol. 9:297-306.
720. Mahoney, D.F., Wright, I.G. & Goodger, B.V. 1981. Bovine babesiosis: the immunization of cattle with fractions of erythrocytes infected with *Babesia bovis* (syn. *B. argentina*). Vet. Immunol. Immunopathol. 2:145-156.
721. Mahoney, D.F., Wright, I.G., Goodger, B.V., Mirre, G.B., Sutherst, R.W. & Utech, K.B.W. 1981. The transmission of *Babesia bovis* in herds of European and Zebu X European cattle infested with the tick, *Boophilus microplus*. Aust. Vet. J. 57:461-469.
722. Makioka, A., Stavros, B., Ellis, J.T. & Johnson, A.M. 1993. Detection and characterization of DNA polymerase activity in *Toxoplasma gondii*. Parasitol. 107:135-139.
723. Malone, L.A., Wigley, P.J. & Dhana, S.D. 1987. Identity of a microsporidium from three New Zealand pasture insects: *Costelytra zealandica* (Coleoptera, Scarabeidae), *Wiseana* spp. (Lepidoptera, Hepialidae), and *Listronotus bonariensis* (Coleoptera, Curculionidae). J. Invert. Pathol. 49:135-144.
724. Manahan, F.F. 1970. Diarrhoea in horses with particular reference to a chronic diarrhoea syndrome. Aust. Vet. J. 46:231-234.
725. Mandelli, G., Cerioli, A., Hahn, E.E. & Strozzi, F. 1966. Osservazioni anatomo-istologiche e parassitologiche su di un episodio di Toxoplasmosi nel canguro di Bennett (*Macropus bennetti* Gould). Bull. Ist. Sieroter. Milan 45:177-192.
726. Manwell, R.D. 1946. Bat malaria. Amer. J. Hyg. 43:1-12.
727. Manwell, R.D. 1977. Gregarines and haemogregarines. Pp 1-32 in Kreier, J.P. (ed.) Parasitic Protozoa. (Academic Press: New York).
728. Maplestone, P.A. 1921. Human intestinal protozoa in north Queensland. Ann. Trop. Med. Parasitol. 14:283-293.
729. Maplestone, P.A. 1923. Malaria in Australia. Ann. Trop. Med. Parasitol. 17:213-229.
730. Mason, R.W. & King, S.J. 1971. *Eimeria leuckarti* in the horse. Aust. Vet. J. 47:460.
731. Mason, R.W. 1978. The detection of *Hammondia hammondi* in Australia and the identification of a free-living intermediate host. Z. Parasitenkd. 57:101-106.
732. Mason, R.W. & Hartley, W.J. 1980. Respiratory cryptosporidiosis in a peacock chick. Avian Dis. 24:771-776.
733. Mason, R.W. 1980. The discovery of *Besnoitia wallacei* in Australia and the identification of a free-living intermediate host. Z. Parasitenkd. 61:173-178.
734. Mason, R.W., Hartley, W.J. & Tilt, L. 1981. Intestinal cryptosporidiosis in a kid goat. Aust. Vet. J. 57:386-388.
735. Mayrhofer, G., Andrews, R.H., Ey, P.L., Albert, M.J., Grimmond, T.R. & Merry, D.J. 1992. The use of suckling mice to isolate and grow *Giardia* from mammalian faecal specimens for genetic analysis. Parasitol. 105:255-263.
736. Mayrhofer, G., Andrews, R.H., Ey, P.L. & Chilton, N.B. 1995. Division of *Giardia* isolates from humans into two genetically distinct assemblages by electrophoretic analysis of enzymes encoded at 27 loci and comparison with *Giardia muris*. Parasitol. 111:11-17.
737. McAllister, C.T., Upton, S.J. & Garrett, C.M. 1993. *Eimeria sternfeldi* n.sp. (Apicomplexa: Eimeriidae) from the Australian blue-tongued skink, *Tiliqua multifasciata* (Sauria: Scincidae). J. Parasitol. 79:681-683.

738. McAllister, C.T., Upton, S.J., Jacobson, E.R. & Kopit, W. 1995. A description of *Isospora amphiboluri* Apicomplexa: Eimeriidae) from the inland bearded dragon, *Pogona vitticeps* (Sauria: Agamidae). *J. Parasitol.* 81:281-284.
739. McCausland, I.P., Badman, R.T., Hides, S. & Slee, K.J. 1984. Multiple apparent *Sarcocystis* abortion in four bovine herds. *Cornell Vet.* 74:146-154.
740. McColl, D. & Mooney, T.J. 1984. Cryptosporidia in Tasmania. *Med. J. Aust.* 2:900-901.
741. McDougall, R.J., Tandy, M.W., Boreham, R.E., Stenzel, D.J. & O'Donoghue, P.J. 1993. Incidental finding of a microsporidian parasite from an AIDS patient. *J. Clin. Microbiol.* 31:436-439.
742. McDougall, R.J. & Tandy, M.W. 1993. Coccidian/Cyanobacterium-like bodies as a cause of diarrhea in Australia. *Pathol.* 25:375-378.
743. McFetridge, D. & Burrell, R. 1991. Some observations on the blood and intestinal parasites of snakes in South Australia. *Herpetofauna* 21:25-27.
744. McGhee, R.B. 1949. The occurrence of bat malaria in the New Hebrides and Philippine Islands. *J. Parasitol.* 35:545.
745. McIntyre, P., Boreham, P.F.L., Phillips, R.E. & Shepherd, R.W. 1986. Chemotherapy in giardiasis: clinical responses and in vitro drug sensitivity of human isolates in axenic culture. *J. Pediatrics* 108:1005-1010.
746. McKenzie, R.A., Green, P.E., Hartley, W.G. & Pollitt, C.C. 1978. *Cryptosporidium* in a red-bellied black snake (*Pseudechis porphyriacus*). *Aust. Vet. J.* 54:365-366.
747. McKenzie, R.A., Green, P.E., Thornton, A.M. & Blackall, P.J. 1979. Feral goats and infectious disease: an abattoir survey. *Aust. Vet. J.* 55:441-442.
748. McKeon, T., Dunsmore, J. & Raidal, S.R. 1997. *Trichomonas gallinae* in budgerigars and columbid birds in Perth, Western Australia. *Aust. Vet. J.* 75:652-655.
749. McMeniman, N.P. & Elliott, R. 1995. Control of coccidia in young calves using lasalocid. *Aust. Vet. J.* 72:7-9.
750. McMillan, B. & Bancroft, B.J. 1974. On the morphology of *Trypanosoma binneyi* Mackerras, 1959 from the platypus *Ornithorhynchus anatinus*. *Int. J. Parasitol.* 4:441-442.
751. McRoberts, K.M., Meloni, B.P., Halse, S.A. & Thompson, R.C.A. 1994. Scanning electron microscopy and isoenzyme electrophoresis of *Giardia* isolated from the straw-necked ibis (*Threskiornis spinicollis*) in Western Australia. Pp 67-68 in Thompson, R.C.A., Reynoldson, J.A. & Lymbery, A.J. (ed.) *Giardia: From Molecules to Disease*. (CAB International: Wallingford).
752. McRoberts, K.M., Meloni, B.P., Morgan, U.M., Marano, R., Binz, N., Erlandsen, S.L., Halse, S.A. & Thompson, R.C.A. 1996. Morphological and molecular characterization of *Giardia* isolated from the straw-necked ibis (*Threskiornis spinicollis*) in Western Australia. *J. Parasitol.* 82:711-718.
753. McTackett, A.R. 1956. Infertility in dairy herds in south-east Queensland. *Aust. Vet. J.* 32:166-172.
754. Mehlhorn, H., Hartley, W.J. & Heydorn, A.O. 1976. A comparative ultrastructural study of the cyst wall of 13 *Sarcocystis* species. *Protistologica* 12:451-467.
755. Mehlhorn, H., Schein, E. & Ahmed, J.S. 1994. *Theileria*. Pp 217-304 in Kreier, J.P. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
756. Mellors, L.T., Dlgliesh, R.J., Timms, P., Rodwell, B.J. & Callow, L.L. 1982. Preparation and laboratory testing of a frozen vaccine containing *Babesia bovis*, *Babesia bigemina* and *Anaplasma centrale*. *Res. Vet. Sci.* 32:194-197.
757. Meloni, B.P. & Thompson, R.C.A. 1987. Comparative studies on the axenic *in vitro* cultivation of *Giardia* of human and canine origin: evidence for intraspecific variation. *Trans. Roy. Soc. Trop. Med. Hyg.* 81:637-640.
758. Meloni, B.P., Lymbery, A.J., Thompson, R.C.A. & Gracey, M. 1988. High prevalence of *Giardia lamblia* in children from a WA aboriginal community. *Med. J. Aust.* 149:715.
759. Meloni, B.P., Lymbery, A.J. & Thompson, R.C.A. 1988. Isoenzyme electrophoresis of 30 isolates of *Giardia* from humans and felines. *Am. J. Trop. Med. Hyg.* 38:65-73.
760. Meloni, B.P., Lymbery, A.J. & Thompson, R.C.A. 1989. Characterization of *Giardia* isolates using a non-radiolabeled DNA probe, and correlation with the results of isoenzyme analysis. *Am. J. Trop.*

- Med. Hyg. 40:629-637.
761. Meloni, B.P., Anderson, R.C.A., Reynoldson, J.A. & Seville, P. 1990. Albendazole: a more effective anti-giardial agent *in vitro* than metronidazole or tinidazole. *Trans. Roy Soc. Trop. Med. Hyg.* 84:375-379.
762. Meloni, B.P., Thompson, R.C.A., Stranden, A.M., Kohler, P. & Eckert, J. 1992. Critical comparison of *Giardia duodenalis* from Australia and Switzerland using isoenzyme electrophoresis. *Acta Tropica* 50:115-124.
763. Meloni, B.P., Thompson, R.C.A., Hopkins, R.M., Reynoldson, J.A. & Gracey, M. 1993. The prevalence of *Giardia* and other intestinal parasites in children, dogs and cats from Aboriginal communities in the Kimberley. *Med. J. Aust.* 158:157-159.
764. Meloni, B.P., Lymbery, A.J. & Thompson, R.C.A. 1995. Genetic characterization of isolates of *Giardia duodenalis* by enzyme electrophoresis: implications for reproductive biology, population structure, taxonomy, and epidemiology. *J. Parasitol.* 81:368-383.
765. Meloni, B.P. & Thompson, R.C.A. 1996. Simplified methods for obtaining purified oocysts from mice and for growing *Cryptosporidium parvum* *in vitro*. *J. Parasitol.* 82:757-762.
766. Mencke, N., O'Donoghue, P.J., Lumb, R., Smith, P., Tenter, A.M., Thummel, P. & Rommel, M. 1991. Antigenic characterisation of monoclonal antibodies against *Sarcocystis muris* by Western blotting and immuno-electron microscopy. *Parasitol. Res.* 77:217-223.
767. Mer, G.G. & Goldblum, N.A. 1947. A haemosporidian of bats. *Nature* 159:444.
768. Metcalf, M.M. 1923. The opalinid ciliate infusorians. *U.S. Natl. Mus. Bulletin* 120:1-184.
769. Metcalf, M.M. 1940. Further studies on the opalinid ciliate infusorians and their hosts. *Proc. U.S. Natl. Ms.* 87:465-634.
770. Michajlow, W. 1978. *Dinema australiense* sp. n. and *Dinema rostratum* sp. n. *Euglenoidina* - parasites of Copepoda from Australia. *Bull. Acad. Polon. Sci., Ser. Sci. Biol.* 26:181-184.
771. Michajlow, W. 1978. *Eutreptia parasitica* sp. n. and other *Euglenoidina* - parasites of Australian Copepoda. *Bull. Acad. Polon. Sci., Ser. Sc. Biol.* 26:269-272.
772. Mills, B. 1983. A review of diseases of freshwater crayfish, with particular reference to the yabbie, *Cherax destructor*. *Fish. Res. Paper, Dept. Fish. (S.A.) No. 9*:1-18.
773. Mills, B. 1986. Diseases of the yabbie. *SAFIC* 10:10-13.
774. Milner, R.J. 1977. The role of disease during an outbreak of *Oncopera alboguttata* Tindale and *O. rufobrunnea* Tindale, (Lepidoptera: Hepialidae) in the Ebor/Dorrigo region of N.S.W. *J. Aust. Ent. Soc.* 16:21-26.
775. Milner, R.J. & Beaton, C.D. 1977. *Pleistophora oncooperae* sp. n. (Protozoa: Microsporida) from *Oncopera alboguttata* (Lepidoptera: Hepialidae) in Australia. *J. Invert. Pathol.* 29:133-140.
776. Milner, R.J. 1977. The role of disease during an outbreak of *Oncopera alboguttata* Tindale and *O. rufobrunnea* Tindale (Lepidoptera: Hepialidae) in the Ebor Dorrigo region of N.S.W. *J. Aust. Entomol. Soc.* 16:21-26.
777. Milner, R.J. & Lutton, G.G. 1980. Interactions between *Oncopera alboguttata* (Lepidoptera: Hepialidae) and its microsporidian pathogen, *Pleistophora oncooperae* (Protozoa: Microsporida). *J. Invert. Pathol.* 36:198-202.
778. Milner, R.J. & Mayer, J.A. 1982. *Tuzetia boeckella* sp. nov. (Protozoa: Microsporida), a parasite of *Boeckella triarticulata* (Copepoda: Calanoidea) in Australia. *J. Invert. Pathol.* 39:174-184.
779. Milner, R.J., Hines, E. & Kassulke, R.C. 1987. Infection of *Samea multiplicalis* (Guenee) (Lepidoptera: Pyralidae) by two *Nosema* sp. (Protozoa: Microsporida). *J. Aust. Entomol. Soc.* 26:63-64.
780. Milstein, T.C. & Goldsmid, J.M. 1995. The presence of *Giardia* and other zoonotic parasites of urban dogs in Hobart, Tasmania. *Aust. Vet. J.* 72:154-155.
781. Milstein, T.C. & Goldsmid, J.M. 1997. Parasites of feral cats from southern Tasmania and their potential significance. *Aust. Vet. J.* 75:218-219.
782. Minchin, E.A. 1903. Sporozoa. Pp 150-360 in Lankester, R. (ed.) *Treatise on Zoology* (A&C Black Publ.: London).

783. Moir, R.J. 1965. The comparative physiology of ruminant-like animals. Pp 1-14 in Dougherty, R.W., Allen, R.S., Burroughs, W., Jacobson, N.L. & McGilliard, A.D. (ed.) *Physiology of Digestion in the Ruminant*. (Butterworths: Washington).
784. Moller, T. 1962. Three casuistic reports of toxoplasmosis in zoo-animals (*Macropus bennettii*, *Marmota marmota*, *Lepus timidus*). *Nord. Vet.-Med.* 14 (Suppl. 1):233-243.
785. Molloy, J.B., Waldron, S.J. & Jorgensen, W.K. 1995. Identification of an immunodominant 40 kDa merozoite antigen common to the Australian T and Dixie vaccine strains of *Babesia bovis* and the development of diagnostic tests specific for these strains. *Vet. Parasitol.* 60:229-240.
786. Molloy, J.B., Eaves, F.W., Jeston, P.J., Minchin, C.M., Stewart, N.P., Lew, A.E. & Jorgensen, W.K. 1998. Detection of *Eimeria acervulina* using the polymerase chain reaction. *Avian Dis.* 42:119-123.
787. Molloy, J.B., Bowles, P.M., Jeston, P.J., Bruyeres, A.G., Bowden, J.M., Bock, R.E., Jorgensen, W.K., Blight, G.W. & Dalgliesh, R.J. 1998. Development of an enzyme-linked immunosorbent assay for detection of antibodies to *Babesia bigemina* in cattle. *Parasitol. Res.* 84:651-656.
788. Molnar, K. & Rohde, K. 1988. Seven new coccidian species from marine fishes in Australia. *Syst. Parasitol.* 11:19-29.
789. Molnar, K. & Rohde, K. 1988. New coccidians from freshwater fishes of Australia. *J. Fish Dis.* 11:161-169.
790. Molyneux, D.H. 1991. Trypanosomes of bats. Pp 195-223 in Kreier, J.P. & Baker, J.R. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
791. Money, R.A. 1926. A case of malaria acquired in Sydney. *Med. J. Aust.* 2:283-284.
792. Monis, P.T., Mayrhofer, G., Andrews, R.H., Homan, W.L., Limper, L. & Ey, P.L. 1996. Molecular genetic analysis of *Giardia intestinalis* isolates at the glutamate dehydrogenase locus. *Parasitol.* 112:1-12.
793. Monis, P.T., Andrews, R.H., Mayrhofer, G., Mackrill, J., Kulda, J., Isaac-Renton, J.L. & Ey, P.L. 1998. Novel lineages of *Giardia intestinalis* identified by genetic analysis of organisms isolated from dogs in Australia. *Parasitol.* 116:7-19.
794. Morado, J.F. & Small, E.B. 1995. Ciliate parasites and related diseases of crustacea: a review. *Rev. Fish. Sci.* 3:275-354.
795. Morgan, U.M., Constantine, C.C., Greene, W.K. & Thompson, R.C.A. 1993. RAPD (random amplified polymorphic DNA) analysis of *Giardia* DNA and correlation with isoenzyme data. *Trans. Roy. Soc. Trop. Med. Hyg.* 87:702-705.
796. Morgan, U.M., Constantine, C.C., O'Donoghue, P.J., Meloni, B.P., O'Brien, P.A. & Thompson, R.C.A. 1995. Molecular characterization of *Cryptosporidium* isolates from humans and other animals using random amplified polymorphic DNA analysis. *Am. J. Trop. Med. Hyg.* 52:559-564.
797. Morgan, U.M., O'Brien, P.A. & Thompson, R.C.A. 1996. The development of diagnostic PCR primers for *Cryptosporidium* using RAPD-PCR. *Mol. Biochem. Parasitol.* 77:103-108.
798. Morgan, U.M., Constantine, C.C., Forbes, D.A. & Thompson, R.C.A. 1997. Differentiation between human and animal isolates of *Cryptosporidium parvum* using rDNA sequencing and direct PCR analysis. *J. Parasitol.* 83:825-830.
799. Morgan, U.M. & Thompson, R.C.A. 1998. PCR detection of *Cryptosporidium*: the way forward? *Parasitol. Today* 14:241-245.
800. Morrissy, N.M., Evans, L.E. & Huner, J.V. 1990. Australian freshwater crayfish: aquaculture species. *World Aquaculture* 21:113-122.
801. Morrow, C. 1986. Poultry parasites. Pp 663-700 in *Poultry Health* (Post-Graduate Committee in Veterinary Science: University of Sydney).
802. Moser, M., Kent, M.L. & Dennis, D. 1989. Gall bladder Myxosporea in coral reef fishes from Heron Island, Australia. *Aust. J. Zool.* 37:1-13.
803. Moser, M. & Kent, M.L. 1994. Myxosporea. Pp 265-318 in Kreier, J.P. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
804. Motha, M.X.J. & Egerton, J.R. 1984. Influence of reticuloendotheliosis on the severity of *Eimeria*

- tenella* infection in broiler chickens. Vet. Microbiol. 9:121-129.
805. Mulhearn, C.R. 1936. Recent developments in the treatment of tick fever. Qld. Agric. J. 46:192-195.
806. Munday, B.L., Ryan, F.B., King, S.J. & Corbould, A. 1966. Preparturient infections and other causes of foetal loss in sheep and cattle in Tasmania. Aust. Vet. J. 42:189-193.
807. Munday, B.L. & Corbould, A. 1971. The application of the *Toxoplasma*, indirect, fluorescent-antibody test to sheep sera. Aust. J. Med. Technol. 2:3-6.
808. Munday, B.L., Mason, R.W., Wells, R.J.H. & Arundel, J.H. 1971. Further studies on "Limey-disease" of Tasmanian mutton birds (*Puffinus tenuirostris*). J. Wildl. Dis. 7:126-129.
809. Munday, B.L. 1972. Transmission of *Toxoplasma* infection from chronically infected ewes to their lambs. Brit. Vet. J. 128:lxix-lxxii.
810. Munday, B.L. 1972. Serological evidence of *Toxoplasma* infection in isolated groups of sheep. Res. Vet. Sci. 13:100-102.
811. Munday, B.L. 1972. A serological survey of some infectious diseases of Tasmanian wildlife. J. Wildlife Dis. 8:169-175.
812. Munday, B.L. 1973. Human toxoplasmosis in Tasmania. Med. J. Aust. 1:1183-1185.
813. Munday, B.L., Mason, R.W. & Cumming, R. 1973. Observations on diseases of the central nervous system of cattle in Tasmania. Aust. Vet. J. 49:451-455.
814. Munday, B.L. & Rickard, M.D. 1974. Is *Sarcocystis tenella* two species? Aust. Vet. J. 50:558-559.
815. Munday, B.L. & Corbould, A. 1974. The possible role of the dog in the epidemiology of ovine sarcosporidiosis. Brit. Vet. J. 130:9-11.
816. Munday, B.L., Corbould, A., Ward, H.A. & Houston, J.K. 1975. Immunoglobulin classes of antibodies produced against *Toxoplasma gondii* by ovine fetuses. Res. Vet. Sci. 18:218-219.
817. Munday, B.L. 1975. Prevalence of toxoplasmosis in Tasmanian meat animals. Aust. Vet. J. 51:315-316.
818. Munday, B.L. 1975. The prevalence of sarcosporidiosis in Australian meat animals. Aust. Vet. J. 5:478-480.
819. Munday, B.L., Barker, I.K. & Rickard, M.D. 1975. The developmental cycle of a species of *Sarcocystis* occurring in dogs and sheep, with observations on pathogenicity in the intermediate host. Z. Parasitenkd. 46:111-123.
820. Munday, B.L. & Black, H. 1976. Suspected *Sarcocystis* infections of the bovine placenta and foetus. Z. Parasitenkd. 51:129-132.
821. Munday, B.L. 1976. Further studies on the host specificity of *Sarcocystis* spp. in domestic animals. Aust. Vet. J. 52:103.
822. Munday, B.L. 1976. Infectious diseases of farmed trout. Aust. Vet. Practit. 6:46-50.
823. Munday, B.L., Humphrey, J.D. & Kila, V. 1977. Pathology produced by, prevalence of, and probable life-cycle of a species of *Sarcocystis* in the domestic fowl. Avian Dis. 21:697-703.
824. Munday, B.L. 1977. A species of *Sarcocystis* using owls as definitive hosts. J. Wildl. Dis. 13:205-207.
825. Munday, B.L. 1978. Diseases of native land mammals of Australia. Pp 11-18 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
826. Munday, B.L. 1978. Marsupial disease. Pp 335-385 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
827. Munday, B.L. 1978. Congenital toxoplasmosis in Tasmania. Med. J. Aust. 1:110-111.
828. Munday, B.L. 1978. Cats as definitive hosts for *Sarcocystis* of sheep. N. Z. Vet. J. 26:166.
829. Munday, B.L. 1978. Bovine toxoplasmosis: experimental infections. Int. J. Parasitol. 8:285-288.
830. Munday, B.L., Mason, R.W., Hartley, W.J., Presidente, P.J.A. & Obendorf, D. 1978. *Sarcocystis* and related organisms in Australian wildlife: I. Survey findings in mammals. J. Wildlife Dis. 14:417-433.
831. Munday, B.L. & Mason, R.W. 1979. Toxoplasmosis as a cause of perinatal death in goats. Aust. Vet. J. 55:485-487.
832. Munday, B.L. & Corbould, A. 1979. Serological responses of sheep and cattle exposed to natural

- Toxoplasma* infection. Aust. J. Exptl. Biol. Med. Sci. 57:141-145.
833. Munday, B.L., Hartley, W.J., Harrigan, K.E., Presidente, P.J.A. & Obendorf, D.L. 1979. *Sarcocystis* and related organisms in Australian wildlife: II. Survey findings in birds, reptiles, amphibians and fish. J. Wildlife Dis. 15:57-73.
834. Munday, B.L. 1979. The effect of *Sarcocystis ovicanis* on growth rate and haematocrit in lambs. Vet. Parasitol. 5:129-135.
835. Munday, B.L., Smith, D.D. & Frenkel, J.K. 1980. *Sarcocystis* and related organisms in Australian wildlife: IV. Studies on *Sarcocystis cuniculi* in European rabbits (*Oryctolagus cuniculus*). J. Wildlife Dis. 16:201-204.
836. Munday, B.L. & Mason, R.W. 1980. *Sarcocystis* and related organisms in Australian wildlife: III. *Sarcocystis murinotechis* sp. n. life cycle in rats (*Rattus*, *Pseudomys* and *Mastocomys*) and tiger snakes (*Notechis ater*). J. Wildl. Dis. 16:83-87.
837. Munday, B.L. 1981. Coccidiosis (including globidiosis). Pp 27-35 in Refresher Course in Sheep. (Post Graduate Committee in Veterinary Science: University of Sydney).
838. Munday, B.L. 1981. Premature parturition in ewes inoculated with *Sarcocystis ovicanis*. Vet. Parasitol. 9:17-26.
839. Munday, B.L. & Copland, J.W. 1981. Diseases of farmed freshwater tablefish in Australia. An overview. Pp 160-165 in Fowler, M.E. (ed.) Wildlife Diseases of the Pacific Basin and Other Countries (Proc. 4th. Int. Conf. Wildlife Dis. Assoc.: Sydney).
840. Munday, B.L. & Mason, R.W. 1981. *Sarcocystis* in rats from islands. N.Z. J. Zool. 8:563.
841. Munday, B.L. 1982. Effects of preparturient inoculation of pregnant ewes with *Sarcocystis ovicanis* upon the susceptibility of their progeny. Vet. Parasitol. 9:273-276.
842. Munday, B.L. 1983. An isosporan parasite of masked owls producing sarcocysts in rats. J. Wildl. Dis. 19:146-147.
843. Munday, B.L. & Obendorf, D.L. 1984. Development and growth of *Sarcocystis gigantea* in experimentally-infected sheep. Vet. Parasitol. 15:203-211.
844. Munday, B.L. & Obendorf, D.L. 1984. Morphology of *Sarcocystis gigantea* in experimentally-infected sheep. Vet. Parasitol. 16:193-199.
845. Munday, B.L. 1984. The effect of *Sarcocystis tenella* on wool growth in sheep. Vet. Parasitol. 15:91-94.
846. Munday, B.L. 1985. Demonstration of viable *Sarcocystis* sporocysts in the faeces of a lamb dosed orally. Vet. Parasitol. 17:355-357.
847. Munday, B.L. 1986. Effects of different doses of dog-derived *Sarcocystis* sporocysts on growth rate and haematocrit in lambs. Vet. Parasitol. 21:21-24.
848. Munday, B.L. & Dubey, J.P. 1986. Serological cross-reactivity between *Hammondia hammondi* and *Toxoplasma gondii* in experimentally inoculated sheep. Aust. Vet. J. 63:344-345.
849. Munday, B.L. & Dubey, J.P. 1986. Serology of experimental toxoplasmosis in pregnant ewes and their foetuses. Aust. Vet. J. 63:353-355.
850. Munday, B.L., Obendorf, D.L., Handler, J.H. & Mason, R.W. 1987. Diagnosis of congenital toxoplasmosis in ovine foetuses. Aust. Vet. J. 64:292.
851. Munday, B.L. 1988. Marsupial diseases. Pp 299-365 in The John Keep Refresher Course for Veterinarians (Post Graduate Committee in Veterinary Science: University of Sydney).
852. Munday, B.L. 1988. Amoebic gill disease of salmonids. Pp 111-112 in Fish Diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
853. Munday, B.L. & Dubey, J.P. 1988. Prevention of *Toxoplasma gondii* abortion in goats by vaccination with oocysts of *Hammondia hammondi*. Aust. Vet. J. 65:150-153.
854. Munday, B.L. 1990. Sarcosporidiosis of sheep. Pp 105-111 in Sheep Medicine. (Post Graduate Committee in Veterinary Science: University of Sydney).
855. Munday, B.L., Foster, C.K., Roubal, F.R. & Lester, R.J.G. 1990. Paramoebic gill infection and associated pathology of Atlantic salmon, *Salmo salar*, and rainbow trout, *Salmo gairdneri*, in

- Tasmania. Pp 215-222 in Perkins, F.O. & Cheng, T.C. (ed.) Pathology in Marine Science (Academic Press: London).
856. Munday, B.L., Dubey, J.P. & Mason, R.W. 1990. *Neospora caninum* infection in dogs. Aust. Vet. J. 67:76-77.
857. Munday, B.L., Lange, K., Foster, C., Lester, R.J.G. & Handler, J. 1993. Amoebic gill disease of sea-caged salmonids in Tasmanian waters. Tasmanian Fisheries Bull. 28:14-19.
858. Munday, B.L. 1996. Infectious diseases of finfish. Pp 81-132 in Fish Health Workshop. (Post Graduate Committee in Veterinary Science: University of Sydney).
859. Munday, B.L., O'Donoghue, P.J., Watts, M., Rough, K. & Hawkesford, T. 1997. Fatal encephalitis due to the scuticociliate *Uronema nigricans* in sea-caged, southern bluefin tuna *Thunnus maccoyii*. Dis. Aquatic Org. 30:17-25.
860. Murnane, D. 1959. Field and laboratory observations on trichomoniasis of dairy cattle in Victoria. Aust. Vet. J. 35:80-83.
861. Murrell, T.G.C., O'Donoghue, P.J. & Ellis, T. 1986. A review of the sheep-multiple sclerosis connection. Med. Hypotheses 19:27-39.
862. Mykytowycz, R. 1956. A survey of the endoparasites of the wild rabbit, *Oryctolagus cuniculus* (L.) in Australia. CSIRO Wildl. Res. 1:19-25.
863. Mykytowycz, R. & Hesterman, E.R. 1958. On the occurrence of coccidia oocysts and nematode ova in soft and hard faeces of the wild rabbit, *Oryctolagus cuniculus* (L.). Wildl. Res. 3:142-143.
864. Mykytowycz, R. 1962. Epidemiology of coccidiosis (*Eimeria* spp.) in an experimental population of the Australian wild rabbit, *Oryctolagus cuniculus* (L.). Parasitol. 52:375-395.
865. Mykytowycz, R. 1964. Coccidia in wild populations of the red kangaroo, *Megaleia rufa* (Desmarest), and the grey kangaroo, *Macropus kanguru* (Muller). Parasitol. 54:105-115.
866. Mylrea, P.J. 1961. Bovine infertility on the south coast of New South Wales. Aust. Vet. J. 37:302-305.
867. Mylrea, P.J. 1962. The differential diagnosis of the causes of herd infertility in cattle. Aust. Vet. J. 38:15-20.
868. Nell, J.A. & Smith, I.R. 1988. Management, production and disease interactions in oyster culture. Pp 127-133 in Fish diseases. Refresher course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
869. Newton, L.G. 1944. Coccidiosis of poultry. Qld. Agric. J. 59:367-369.
870. Newton, L.G. & Green, P.E. 1965. Species of *Eimeria* in Australia. Aust. Vet. J. 41:299.
871. Newton, L.G. & O'Sullivan, P.J. 1969. Chemoprophylaxis in *Babesia argentina* infection in cattle. Aust. Vet. J. 45:404-407.
872. Noller, W. 1920. *Globidium* (*Gastrocystis*, *Besnoitia*). Pp 919-933 in Prowazek, S. (ed.) Handbuch der pathogenen Protozoen (Johan Ambrosius Barth Publ.: Leipzig).
873. Norman, J.G. & Jessop, P. 1973. *Balantidium coli* in a cervico-vaginal smear. Med. J. Aust. 1:694-696.
874. Norton, J.H. & Hartley, W.J. 1993. Amoebic meningoencephalitis in a young grey kangaroo (*Macropus giganteus*). Aust. Vet. J. 70:421.
875. Nurse, G.H. & Lenghaus, C. 1986. An outbreak of *Toxoplasma gondii* abortion, mummification and perinatal death in goats. Aust. Vet. J. 63:27-29.
876. O'Brien, D.P. 1899. Case of tropical abscess of the liver. Aust. Med. Gaz. 18:390-391.
877. O'Brien, R.A. 1908. Notes from north Queensland. Aust. Med. Gaz. 27:121-124.
878. O'Brien, R.A. 1909. Ankylostomiasis and other tropical diseases in Queensland. Trans. Aust. Med. Congr. 2:324-328.
879. O'Brien, G.W., Veivers, P.C., McEwen, E., Slaytor, M. & O'Brien, R.W. 1979. The origin and distribution of cellulose in the termites, *Nasutitermes exitiosus* and *Coptotermes lacteus*. Insect Biochem. 9:619-625.
880. O'Callaghan, M.G., O'Donoghue, P.J. & Moore, E. 1987. Coccidia in sheep in South Australia. Vet. Parasitol. 24:175-183.
881. O'Callaghan, M.G. 1989. Coccidia of domestic and feral goats in South Australia. Vet. Parasitol.

- 30:267-272.
882. O'Callaghan, M.G., Barker, I.K., Beveridge, I. & Hornsby, P. 1998. *Eimeria* species in the Pearson Island Rock Wallaby, *Petrogale lateralis pearsoni*. Int. J. Parasitol. 28:1889-1892.
 883. O'Donoghue, P.J. & Ford, G.E. 1984. The asexual pre-cyst development of *Sarcocystis tenella* in experimentally infected specific-pathogen-free lambs. Int. J. Parasitol. 14:345-355.
 884. O'Donoghue, P.J. & Weyreter, H. 1984. Examinations on the serodiagnosis of *Sarcocystis* infections. II. Class-specific immunoglobulin responses in mice, pigs and sheep. Zbl. Bakt. Hyg. A 257:168-184.
 885. O'Donoghue, P.J. 1985. *Cryptosporidium* infections in man, animals, birds and fish. Aust. Vet. J. 62:253-258.
 886. O'Donoghue, P.J., Adams, M., Dixon, B.R., Ford, G.E. & Baverstock, P.R. 1986. Morphological and biochemical correlates in the characterization of *Sarcocystis* spp. J. Protozool. 33:114-121.
 887. O'Donoghue, P.J. & Ford, G.E. 1986. The prevalence and intensity of *Sarcocystis* spp. infections in sheep. Aust. Vet. J. 63:273-278.
 888. O'Donoghue, P.J., Riley, M.J. & Clarke, J.F. 1987. Serological survey for *Toxoplasma* infections in sheep. Aust. Vet. J. 64:40-45.
 889. O'Donoghue, P.J., Tham, V.L., deSaram, W.G., Paull, K.L. & McDermott, S. 1987. *Cryptosporidium* infections in birds and mammals and attempted cross-transmission studies. Vet. Parasitol. 26:1-11.
 890. O'Donoghue, P.J., Obendorf, D.L., O'Callaghan, M.G., Moore, E. & Dixon, B.R. 1987. *Sarcocystis mucosa* (Blanchard 1885) Labbe 1889 in unadorned rock wallabies (*Petrogale assimilis*) and Bennett's wallabies (*Macropus rufogriseus*). Parasitol. Res. 73:113-120.
 891. O'Donoghue, P.J. & Wilkinson, R.G. 1988. Antibody development and cellular immune responses in sheep immunized and challenged with *Sarcocystis tenella* sporocysts. Vet. Parasitol. 27:251-265.
 892. O'Donoghue, P.J., Lumb, R., Smith, P., Brooker, J. & Mencke, N. 1990. Characterization of monoclonal antibodies against ovine *Sarcocystis* spp. antigens by immunoblotting and immunoelectron microscopy. Vet. Immunol. Immunopathol. 24:11-25.
 893. O'Donoghue, P.J., Beveridge, I. & Phillips, P.H. 1990. Parasites and ectocommensals of yabbies and marron in South Australia. (S.A. Department of Fisheries, Adelaide).
 894. O'Donoghue, P.J., Phillips, P.H. & Shepherd, S.A. 1991. *Perkinsus* (Protozoa: Apicomplexa) infections in abalone from South Australian waters. Trans. Roy. Soc. S.A. 115:77-82.
 895. O'Donoghue, P.J. & Rommel, M. 1992. Australian-German collaborative studies on the immunology of *Sarcocystis* infections. Angew. Parasitol. 33:102-119.
 896. O'Donoghue, P.J. 1992. The cross-transmission potential of *Cryptosporidium* spp. Pp 283-299 in Zoonoses. Australian Veterinarians in Public Health. (Post Graduate Committee in Veterinary Science: University of Sydney).
 897. O'Donoghue, P.J., Gasser, R.B. & Tribe, A. 1993. New host record for the entodiniomorphid ciliate, *Troglodytella abgrassarti*, from siamangs (*Hylobates syndactylus*). Int. J. Parasitol. 23:415-418.
 898. O'Donoghue, P.J. 1995. *Cryptosporidium* and cryptosporidiosis in man and animals. Int. J. Parasitol. 25:139-195.
 899. O'Donoghue, P.J. 1997. Protozoan parasites of wildlife in south-east Queensland. Pp 119-136 in Tribe, A. (ed.) Proceedings of the 1997 Conference of the Australian Association of Veterinary Conservation Biologists (Australian Veterinary Association: Brisbane).
 900. O'Donoghue, P.J. & Vanderduys, E. 1998. Survey for protozoan parasites in native animals from Musselbrook Reserve, Lawn Hill National Park. Pp 191-199 in Musselbrook Reserve Scientific Study Report (The Royal Geographical Society of Queensland: Brisbane).
 901. O'Reilly, M.J.J. 1954. Acquired toxoplasmosis: an acute fatal case in a young girl. Med. J. Aust. 2:968-970.
 902. O'Sullivan, P.J. & Callow, L.L. 1966. Loss of infectivity of a vaccine strain of *Babesia argentina* for *Boophilus microplus*. Aust. Vet. J. 42:252-254.
 903. O'Sullivan, W.J., Johnson, A.M., Finney, K.G., Gero, A.M., Hagon, E., Holland, J.W. & Smithers, G.W. 1981. Pyrimidine and purine enzymes in *Toxoplasma gondii*. Aust. J. Exptl. Biol. Med. Sci.

- 59:763-767.
904. Obendorf, D.L. & McColl, K. 1980. Mortality in little penguins (*Eudyptula minor*) along the coast of Victoria, Australia. *J. Wildlife Dis.* 16:251-259.
 905. Obendorf, D.L. & Munday, B.L. 1983. Toxoplasmosis in wild Tasmanian wallabies. *Aust. Vet. J.* 60:62.
 906. Obendorf, D.L. 1984. The macropodid oesophagus. IV. Observations on the protozoan fauna of the macropodid stomach and oesophagus. *Aust. J. Biol. Sci.* 37:117-122.
 907. Obendorf, D.L. & Smales, L.R. 1985. The internal parasites and pathological findings in *Hydromys chrysogaster* (Muridae: Hydromyinae) from Tasmania. *Aust. J. Zool.* 33:33-38.
 908. Obendorf, D.L. & Munday, B.L. 1986. Demonstration of schizogonous stages of *Sarcocystis gigantea* in experimentally infected sheep. *Vet. Parasitol.* 19:35-38.
 909. Obendorf, D.L. & Munday, B.L. 1987. Experimental infection with *Sarcocystis medusififormis* in sheep. *Vet. Parasitol.* 24:59-65.
 910. Obendorf, D.L., Statham, P. & Munday, B.L. 1990. Resistance to *Toxoplasma* abortion in female goats previously exposed to *Toxoplasma* infection. *Aust. Vet. J.* 67:233-234.
 911. Obendorf, D.L. & Munday, B.L. 1990. Toxoplasmosis in wild eastern barred bandicoots, *Perameles gunnii*. Pp 193-197 in Seebeck, J.H., Brown, P.R., Wallis, R.L. & Kemper, C.M. (ed.) *Bandicoots and Bilbies*. (Surrey Beatty & Sons: Sydney).
 912. Obendorf, D.L., Murray, N., Veldhuis, G., Munday, B.L. & Dubey, J.P. 1995. Abortion caused by neosporosis in cattle. *Aust. Vet. J.* 72:117-118.
 913. Ortega, Y.R., Sterling, C.R. & Gilman, R.H. 1998. *Cyclospora cayetanensis*. *Adv. Parasitol.* 40:399-418.
 914. Osborne, H.G. 1959. Abortion in sheep associated with *Toxoplasma*. *Aust. Vet. J.* 35:424-425.
 915. Oteng, A.K. 1972. Development of schizonts directly from the blood piroplasms of the Australian *Theileria mutans*. *Brit. Vet. J.* 128:23-25.
 916. Owen, J. 1934. *Trypanosoma* in the monotreme. (Publ. Aust. Inst. Anatomy: Canberra).
 917. Owen, C.G. & Kakulas, B.A. 1968. Sarcosporidiosis in the sperm whale. *Aust. J. Sci.* 31:46-47.
 918. Owens, L. & Glazebrook, J.S. 1988. Microsporidiosis in prawns from northern Australia. *Aust. J. Mar. Freshwater Res.* 39:301-305.
 919. Owens, L., Glazebrook, J.S., Ladds, P.W. & Campbell, R.S.F. 1988. Disease in tropical mariculture in Australia. Pp 375-416 in *Fish diseases. Refresher course for veterinarians*. (Post Graduate Committee in Veterinary Science: University of Sydney).
 920. Owens, L. & Evans, L. 1989. Common diseases of freshwater prawns (*Macrobrachium*) and crayfish (marron and yabbies) relevant to Australia. Pp 227-240 in *Invertebrates in Aquaculture. Refresher Course for Veterinarians*. (Post Graduate Committee in Veterinary Science: University of Sydney).
 921. Owens, L. & Hall-Mendelin, S. 1990. Diseases relevant to penaeid mariculture in tropical Australia. Pp 421-432 in Perkins, F.O. & Cheng, T.C. (ed.) *Pathology in Marine Science* (Academic Press: San Diego).
 922. Oxberry, M.E., Thompson, R.C.A. & Reynoldson, J.A. 1994. Evaluation of the effects of albendazole and metronidazole on the ultrastructure of *Giardia duodenalis*, *Trichomonas vaginalis* and *Spiroplasma muris* using transmission electron microscopy. *Int. J. Parasitol.* 24:695-703.
 923. Page, C.D., Schmidt, R.E., English, J.H., Gardinaer, C.H., Hubbard, G.B. & Smith, G.C. 1992. Antemortem diagnosis and treatment of sarcocystosis in two species of psittacines. *J. Zoo Wildl. Med.* 23:77-85.
 924. Pamphlett, R. & O'Donoghue, P. 1990. *Sarcocystis* infection of human muscle. *Aust. N. Z. J. Med.* 20:705-707.
 925. Pamphlett, R. & O'Donoghue, P.J. 1992. Antibodies against *Sarcocystis* and *Toxoplasma* in humans with the chronic fatigue syndrome. *Aust. N.Z. J. Med.* 22:307-308.
 926. Panigrahy, B., Grimes, J.E. & Clark, F.D. 1984. Zoonoses in psittacine birds. *J. Inf. Dis.* 149:123-124.
 927. Paperna, I. & Landau, I. 1990. *Billbraya australis* n. gen. n. sp. from the South Australian gecko

- Phyllodactylus marmoratus*. Ann. Parasitol. Hum. Comp. 65:170-176.
928. Paperna, I. & Landau, I. 1990. *Fallisia copemani* n.sp. (Haemosporidia: Garniidae) from the Australian skink *Carlia rhomboidalis*. Ann. Parasitol. Hum. Comp. 65:16-21.
929. Paperna, I. & Landau, I. 1990. Fine structure of a macrogametocyte of *Fallisia copemani* Paperna and Landau 1990 (Haemosporidia: Garniidae). Ann. Parasitol. Hum. Comp. 65:214-217.
930. Paperna, I. & Landau, I. 1991. *Haemoproteus* (Haemosporidia) of lizards. Bull. Mus. natl. Hist. nat., Paris 13:309-349.
931. Paperna, I. 1993. Ultrastructural study of *Eimeria gastroauris* a coccidium from the stomach epithelium of Australian geckoes. Ann. Parasitol. Hum. Comp. 68:70-75.
932. Paperna, I. 1994. *Eimeria gastroauris* n. sp. (Apicomplexa: Eimeriidae) from the stomach epithelium of Australian geckoes. Syst. Parasitol. 28:15-21.
933. Parker, R. 1981. The occurrence in Australia of the bovine coccidia *Eimeria bukidnonensis* Tubangui 1931 and *E. wyomingensis* Huizinga and Winger 1942. J. Parasitol. 67:724-725.
934. Parker, R.J., Boothby, K., Polkinghorne, I. & Holroyd, R.G. 1984. Coccidiosis associated with post-weaning diarrhoea in beef calves in a dry tropical region. Aust. Vet. J. 61:181-183.
935. Parker, R.J., Scott, C.D.B. & Jeboult, J.W. 1985. Cryptosporidial diarrhoea. Med. J. Aust. 143:426.
936. Parker, R.J., Jones, G.W., Ellis, K.J., Heater, K.M., Schroter, K.L., Tyler, R. & Holroyd, R.G. 1986. Post-weaning coccidiosis in beef calves in the dry tropics: experimental control with continuous monensin supplementation via intra-ruminal devices and concurrent epidemiological observations. Trop. Anim. Hlth. Prod. 18:198-208.
937. Parker, R.J. & Jones, G.W. 1987. The development of eimerian infections during the first eight months of life in unweaned beef calves in a dry tropical region of Australia. Vet. Parasitol. 25:1-7.
938. Parker, S.J., Smith, F.M. & Johnson, A.M. 1991. Murine immune responses to recombinant *Toxoplasma gondii* antigens. J. Parasitol. 77:402-409.
939. Parsonson, I.M., Clark, B.L. & Dufty, J. 1974. The pathogenesis of *Trichostrongylus axei* infection in the bull. Aust. Vet. J. 50:421-423.
940. Parsonson, I.M., Clark, B.L. & Dufty, J.H. 1976. Early pathogenesis and pathology of *Trichostrongylus axei* infection in virgin heifers. J. Comp. Path. 86:59-66.
941. Pass, D.A. 1977. Suspect sporozoan abortion of cattle. Vic. Vet. Proc. 1977:30.
942. Patten, R.A. & Carne, H.R. 1942. Enterohepatitis in the peafowl. Aust. Vet. J. 18:31-32.
943. Patterson, D.J. & Delvinquier, B.L.J. 1990. The fine structure of the cortex of the protist *Protoopalina australis* (Slopalinida, Opalinidae) from *Litoria nasuta* and *L. inermis* (Amphibia: Anura: Hylidae) in Queensland, Australia. J. Protozool. 37:449-455.
944. Patton, S., Johnson, L., Loeffler, D.G., Wright, B.G. & Jensen, J.M. 1986. Epizootic of toxoplasmosis in kangaroos, wallabies, and potoroos: possible transmission via domestic cats. J. Am. Vet. Med. Ass. 189:1166-1169.
945. Paynter, J.L. 1986. The disease status of freshwater prawns and crayfish. Pp 99-104, 112-113, 151-152 in Freshwater Aquaculture in Australia. (Rural Press Queensland: Brisbane).
946. Pellerdy, L.P. 1963. Catalogue of Eimeriidea (Protozoa; Sporozoa). (Hungarian Academy of Sciences: Budapest).
947. Pellerdy, L.P. 1965. Coccidia and Coccidiosis. (Akademiai Kiado: Budapest).
948. Pellerdy, L.P. 1969. Catalogue of Eimeriidea (Protozoa, Sporozoa). Supplementum I. (Akademiai Kiado: Budapest).
949. Pellerdy, L.P. 1974. Coccidia and Coccidiosis. 2nd edition. (Parey, Berlin).
950. Perkins, F.O. & Wolf, P.H. 1976. Fine structure of *Marteilia sydneyi* sp. n. - haplosporidian pathogen of Australian oysters. J. Parasitol. 62:528-538.
951. Philbey, A.W. & Ingram, B.A. 1991. Coccidiosis due to *Goussia lomi* (Protista: Apicomplexa) in aquarium-reared Murray cod, *Maccullochella peelii* (Mitchell), (Percechthyidae). J. Fish Dis. 14:237-242.
952. Phillips, P.H. & Ford, G.E. 1980. The clinical pathology of the cyst-forming sporozoa in farm animals. Aust. Adv. Vet. Sci. 1980:63-65.

953. Phillips, R.E., Boreham, P.F.L. & Shepherd, R.W. 1984. Cryopreservation of viable *Giardia intestinalis* trophozoites. *Trans. Roy. Soc. Trop. Med. Hyg.* 78:604-606.
954. Phillips, P.H. & Ford, G.E. 1987. Clinical, haematological and plasma biochemical changes in specified-pathogen-free (Sporozoa) lambs experimentally infected with low numbers of *Sarcocystis tenella* sporocysts. *Vet. Parasitol.* 24:15-23.
955. Pierce, A.E. 1956. Protozoan diseases transmitted by the cattle tick. *Aust. Vet. J.* 32:210-215.
956. Plant, J.W., Beh, K.J. & Acland, H.M. 1972. Laboratory findings from ovine abortion and perinatal mortality. *Aust. Vet. J.* 48:558-561.
957. Plant, J.W., Richardson, N. & Moyle, G.G. 1974. *Toxoplasma* infection and abortion in sheep associated with feeding of grain contaminated with cat faeces. *Aust. Vet. J.* 50:19-21.
958. Plant, J.W., Freeman, P. & Saunders, E. 1982. Serological survey of the prevalence of *Toxoplasma gondii* antibodies in rams in sheep flocks in New South Wales. *Aust. Vet. J.* 59:87-89.
959. Plimmer, H.G. 1912. On certain blood parasites. *J. Roy. Micr. Soc.* 1912:133-150.
960. Plimmer, H. 1915. Report on deaths in Zool. Gardens, together with a list of the blood parasites found during the year (1914). *Proc. Zool. Soc. London* (1915):123-130.
961. Pope, J.H., Bicks, V.A. & Cook, I. 1957. *Toxoplasma* in Queensland. II. Natural infections in bandicoots and rats. *Aust. J. Expt. Biol.* 35:481-490.
962. Pope, J.H., Derrick, E.H. & Cook, I. 1957. *Toxoplasma* in Queensland. I. Observations on a strain of *Toxoplasma gondii* isolated from a bandicoot, *Thylacis obesulus*. *Aust. J. Expt. Biol.* 35:467-480.
963. Pound, C.J. 1893. Redwater fever in cattle in the Gulf district. (Govt. Printer: Brisbane).
964. Pound, C.J. 1897. Tick fever. *Qld. Agric. J.* 1:258-259.
965. Pound, C.J. 1905. On *Trypanosoma* and their presence in the blood of Brisbane rats. *Proc. Roy. Soc. Qld.* 19:33-38.
966. Pound, C.J. 1907. Some investigations into tick fever and means for its prevention. *Qld. Agric. J.* 18:283-293.
967. Prasad, H. 1960. A new species of coccidia of the red kangaroo *Macropus rufus* Mamm. Z. *Parasitenkd.* 20:385-389.
968. Presidente, P.J.A. 1978. Diseases seen in free-ranging marsupials and those held in captivity. Pp 457-471 in *Fauna - Part B* (Postgraduate Committee in Veterinary Science: University of Sydney).
969. Presidente, P.J., Barnett, J.L., How, R.A. & Humphreys, W.F. 1982. Effects of habitat, host sex and age on the parasites of *Trichosurus caninus* (Marsupialia: Phalangeridae) in northeastern New South Wales. *Aust. J. Zool.* 30:33-47.
970. Presidente, P.J.A. 1982. Common brushtail possum *Trichosurus vulpecula*: maintenance in captivity, blood values, diseases and parasites. Pp 55-66 in Evans, D.D. (ed.) *The Management of Australian Mammals in Captivity*. (Zoological Board of Victoria: Melbourne).
971. Presidente, P.J.A. 1982. Common ringtail possum *Pseudocheirus peregrinus*: maintenance in captivity, blood values and diseases. Pp 75-81 in Evans, D.D. (ed.) *The Management of Australian Mammals in Captivity*. (The Zoological Board of Victoria: Melbourne).
972. Presidente, P.J.A. 1982. Common wombat *Vombatus ursinus*: maintenance in captivity, blood values, infectious and parasitic diseases. Pp 133-143 in Evans, D.D. (ed.) *The Management of Australian Mammals in Captivity*. (The Zoological Board of Victoria: Melbourne).
973. Presidente, P.J.A. 1984. Parasites and diseases of brushtail possums (*Trichosurus* spp.): occurrence and significance. Pp 171-190 in Smith, A.P. & Hume, I.D. (ed.) *Possums and Gliders* (Australian Mammal Society: Sydney).
974. Priestley, H. 1915. *Theileria tachyglossi* (n.sp.). A blood parasite of *Tachyglossus aculeatus*. *Ann. Trop. Med. Parasitol.* 9:233-238.
975. Pye, D. & Cox, J.C. 1979. Simple focus assay for *Encephalitozoon cuniculi*. *Lab. Anim.* 13:193-195.
976. Rac, R. & Wilson, R.L. 1959. Globidiosis in sheep. *Aust. Vet. J.* 35:455-456.
977. Rac, R. & Hreczko, I. 1960. Trichomoniasis in chickens. *Aust. Vet. J.* 36:473-474.
978. Raff, J.W. 1911. Protozoa parasitic in the large intestine of Australian frogs. Part I. *Proc. Roy. Soc. Vic.* 23:586-596.

979. Raff, J.W. 1911. Protozoa parasitic in the large intestine of Australian frogs. Part II. Proc. Roy. Soc. Vic. 24:343-352.
980. Ranby, P.D. 1965. Programmes of disease control on commercial poultry farms. Aust. Vet. J. 41:104-106.
981. Ratcliffe, H. & Worth, C.B. 1951. Toxoplasmosis in captive wild birds and mammals. Am. J. Pathol. 27:655-667.
982. Ray, B.K., Bailey, C.W., Jensen, J.B. & Carson, C.A. 1992. Chromosomes of *Babesia bovis* and *Babesia bigemina*. Mol. Biochem. Parasitol. 52:123-126.
983. Reddacliff, G.L. 1985. Diseases of Aquarium Fishes. A Practical Guide for the Australian Veterinarian. Veterinary Review No. 25 (Post Graduate Foundation in Veterinary Science: University of Sydney).
984. Reddacliff, G.L. 1988. Diseases of aquarium fish. Pp 299-327 in Fish diseases. Refresher Course for Veterinarians. (Post Graduate Committee in Veterinary Science: University of Sydney).
985. Reddacliff, G.L., Parker, S.J., Dubey, J.P., Nicholls, P.J., Johnson, A.M. & Cooper, D.W. 1993. An attempt to prevent acute toxoplasmosis in macropods by vaccination with *Hammondia hammondi*. Aust. Vet. J. 70:33-35.
986. Reddacliff, G.L., Hartley, W.J., Dubey, J.P. & Cooper, D.W. 1993. Pathology of experimentally-induced, acute toxoplasmosis in macropods. Aust. Vet. J. 70:4-6.
987. Reece, R.L., Dennett, D.P. & Johnson, R.H. 1981. *Tritrichomonas foetus* agglutination tests upon samples collected from cattle: cross-reactions associated with vaccination against *Campylobacter fetus* subsp *venerealis*. Aust. Vet. J. 57:352-353.
988. Reece, R.L. 1989. Hepatic coccidiosis (*Eimeria* sp.) in a wild magpie-lark (*Grallina cyanoleuca*). Avian Pathol. 18:357-362.
989. Reece, R.L., Scott, P.C. & Barr, D.A. 1992. Some unusual diseases in the birds of Victoria, Australia. Vet. Record 130:178-185.
990. Reece, R.L., Beddome, V.D., Barr, D.A. & Scott, P.C. 1992. Common necropsy findings in captive birds in Victoria, Australia (1978-1987) J. Zoo Wildlife Med. 23:301-312.
991. Reppas, G.P. & Collins, G.H. 1995. *Eimeria leuckarti* infections in three foals. Aust. Vet. J. 72:63-64.
992. Reye, R.D.K. & TenSeldam, R.E.J. 1956. *Pneumocystis* pneumonia. J. Pathol. Bact. 72:451-458.
993. Reynoldson, J.A., Thompson, R.C.A. & Horton, R.J. 1992. Albendazole as a future anti-giardial agent. Parasitol. Today 8:412-414.
994. Reynoldson, J.A., Thompson, R.C.A. & Meloni, B.P. 1992. The potential and possible mode of action of the benzimidazoles against *Giardia* and other protozoa. J. Pharm. Med. 2:35-50.
995. Reynoldson, J.A. 1994. New approaches in chemotherapy. Pp 339-355 in Thompson, R.C.A., Reynoldson, J.A. & Lymbery, A.J. (ed.) *Giardia: from molecules to disease*. (CAB International: London).
996. Richardson, L.R. & Hunt, P.J. 1967. Trypanosomes in the crop of an haemadispid leech. Aust. J. Sci. 30:374-375.
997. Rickard, M.D. & Munday, B.L. 1976. Host specificity of *Sarcocystis* spp. in sheep and cattle. Aust. Vet. J. 52:48.
998. Riek, R.F. 1964. Treatment of bovine babesiosis with a diamidine compound. Aust. Vet. J. 40:261-262.
999. Riek, R.F. 1964. The life cycle of *Babesia bigemina* (Smith & Kilborne, 1893) in the tick vector *Boophilus microplus* Canestrini). Aust. J. Agric. Res. 15:802-821.
1000. Riek, R.F. 1966. The life cycle of *Babesia argentina* (Lignieres, 1903) (Sporozoa: Piroplasmidea) in the tick vector *Boophilus microplus* (Canestrini). Aust. J. Agric. Res. 17:247-254.
1001. Riek, R.F. 1982. Epidemiology and transmission of *Theileria* sp. of cattle in Australia. Aust. Vet. J. 59:89-92.
1002. Riemann, H.P., Behymer, D.E., Fowler, M.E., Schulz, T., Lock, A., Orthofer, J.G., Silverman, S. & Franti, C.E. 1974. Prevalence of antibodies to *Toxoplasma gondii* in captive exotic mammals. J. Am. Vet. Med. Ass. 165:798-800.

1003. Rigg, A. 1957. Kala-azar in a child of five years. *Med. J. Aust.* 1:389-391.
1004. Ristic, M. & Lewis, G.E. 1977. *Babesia* in man and wild and laboratory-adapted mammals. Pp 53-76 in Kreier, J.P. (ed.) *Parasitic Protozoa*. (Academic Press: New York).
1005. Roberts, F.H.S. 1937. A note on the occurrence of enterohepatitis or "blackhead" in chickens. *Aust. Vet. J.* 13:158-161.
1006. Roberts, F.H.S. 1943. Observations on *Anopheles annulipes* Walk. as a possible vector of malaria. 1. The relative susceptibility of *An. annulipes* and *An. punctulatus* var. *moluccensis* Sw. to experimental infection with malaria parasites. *Aust. J. Exptl. Biol. Med. Sci.* 21:259-262.
1007. Roberts, E.D., Williams, J.C. & Pirie, G. 1973. Naturally occurring gastric amebiasis in the wallaroo. *Vet. Pathol.* 10:323-329.
1008. Roberts-Thomson, I.C. & Mitchell, G.F. 1978. Giardiasis in mice. I. Prolonged infections in certain mouse strains and hypothyroid (nude) mice. *Gastroenterol.* 75:42-46.
1009. Roberts-Thomson, I.C. & Mitchell, G.F. 1979. Protection of mice against *Giardia muris* infection. *Infect. Immun.* 24:971-973.
1010. Robertson, E.G. 1946. Toxoplasmic encephalomyelitis, with the report of two cases. *Med. J. Aust.* 2:449-452.
1011. Robson, J.M.B., Wood, R.N. & Lewis, B.R. 1995. A probable foodborne outbreak of toxoplasmosis. *Communicable Dis. Intell.* 19:517-522.
1012. Rogers, R.J. & Callow, L.L. 1966. Three fatal cases of *Theileria mutans* infection. *Aust. Vet. J.* 42:42-46.
1013. Rogers, R.J. 1971. Observations on the pathology of *Babesia argentina* infections in cattle. *Aust. Vet. J.* 47:242-247.
1014. Rogers, R.J. 1971. The acquired resistance to *Babesia argentina* of cattle exposed to light infestation with cattle tick (*Boophilus microplus*). *Aust. Vet. J.* 47:237-241.
1015. Rogers, R.J. 1971. An evaluation of tick fever outbreaks in northern Queensland in recent years. *Aust. Vet. J.* 47:415-417.
1016. Rogers, R.J., Flanagan, M. & Hill, M.W.M. 1972. A survey of infectious causes of reproductive failure in beef cattle in north-eastern Australia. *Aust. Vet. J.* 48:203-207.
1017. Rohde, K. 1976. Marine parasitology in Australia. *Search* 7:477-482.
1018. Ross, D.R. & Mahoney, D.F. 1974. Bovine babesiosis: computer simulation of *Babesia argentina* parasite rates in *Bos taurus* cattle. *Ann. Trop. Med. Parasitol.* 68:385-392.
1019. Rothe, J., McDonald, P.J. & Johnson, A.M. 1985. Detection of *Toxoplasma* cysts and oocysts in an urban environment in a developed country. *Pathol.* 17:497-499.
1020. Rothwell, J.T. & Langdon, J.S. 1990. Spinal curvature associated with *Myxobolus* sp. cysts in the brain of sand-flathead (*Platycephalus bassensis* L.). *J. Appl. Ichthyol.* 6:244-246.
1021. Rothwell, J.T., Virgona, J.L., Callinan, R.B., Nicholls, P.J. & Langdon, J.S. 1997. Occurrence of cutaneous infections of *Myxobolus episquamalis* (Myxozoa: Myxobolidae) in sea mullet, *Mugil cephalus* L., in Australia. *Aust. Vet. J.* 75:349-352.
1022. Roubal, F.R., Lester, R.J.G. & Foster, C.K. 1989. Studies on cultured and gill-attached *Paramoeba* sp. (Gymnamoebae: Paramoebidae) and the cytopathology of paramoebic gill disease in Atlantic salmon, *Salmo salar* L., from Tasmania. *J. Fish Dis.* 12:481-492.
1023. Roubal, F.R., Masel, J. & Lester, R.J.G. 1989. Studies on *Marteilia sydneyi*, agent of QX disease in the Sydney rock oyster, *Saccostrea commercialis*, with implications for its life cycle. *Aust. J. Mar. Freshwater Res.* 40:155-167.
1024. Roubal, F.R. 1994. Histopathological and ecological aspects of *Henneguya* and *Myxobolus* (Myxosporea) infections in *Acanthopagrus australis* (Gunther) (Pisces: Sparidae) from Moreton Bay, Australia. *J. Fish Dis.* 17:495-512.
1025. Roubal, F.R. 1994. Infection of the kidney of *Acanthopagrus australis* (Pisces: Sparidae) with *Sphaerospora* sp. (Myxosporea), *Prosorhynchus* sp. (Digenea), and cysts of unknown origin. *Dis. Aquatic Org.* 20:83-93.
1026. Roughley, T.C. 1932. Note on white-spot disease of goldfish. *Proc. Linn. Soc. N.S.W.* 57:32-33.

1027. Roughley, T.C. 1951. Fish and Fisheries of Australia. (Angus & Robertson: Sydney).
1028. Rousell, T.J., Badenoch, P.R., Chandraratnam, E. & Coster, D.J. 1985. Acanthamoebic keratitis in a healthy Australian man. *Med. J. Aust.* 143:615-617.
1029. Rowland, S.J., Ingram, B.A. & Prokop, F.B. 1991. Suspected cysts of the protozoan parasite *Chilodonella hexasticha*. *Bull. Eur. Ass. Pathol.* 11:159-161.
1030. Rowland, S.J. & Ingram, B.A. 1991. Diseases of Australian native freshwater fishes with particular emphasis on the ectoparasitic and fungal diseases of Murray cod (*Maccullochella peelii*), golden perch (*Macquaria ambigua*) and silver perch (*Bidyanus bidyanus*). *Fisheries Bulletin* 4, N.S.W. Dept. Agric. & Fisheries.
1031. Roy-Smith, F. 1971. The prophylactic effects of imidocarb against *Babesia argentina* and *Babesia bigemina* infections in cattle. *Aust. Vet. J.* 47:418-420.
1032. Ryan, P., Hurley, S.F., Johnson, A.M., Salzberg, M., Lee, M.W., North, J.B., McNeil, J.J. & McMichael, A.J. 1993. Tumours of the brain and presence of antibodies to *Toxoplasma gondii*. *Int. J. Epidemiol.* 22:412-419.
1033. Rzepczyk, C.M. 1974. Evidence of a rat-snake life cycle for *Sarcocystis*. *Int. J. Parasitol.* 4:447-449.
1034. Rzepczyk, C. & Scholtyseck, E. 1976. Light and electron microscope studies on the *Sarcocystis* of *Rattus fuscipes*, an Australian rat. *Z. Parasitenkd.* 50:137-150.
1035. Sambon, L.W. & Seligmann, C.G. 1907. Descriptions of five new species of haemogregarines from snakes. *Proc. Zool. Soc. London* (1907):283-284.
1036. Sargent, K.D., Morgan, U.M., Elliot, A. & Thompson, R.C.A. 1998. Morphological and genetic characterisation of *Cryptosporidium* oocysts from domestic cats. *Vet. Parasitol.* 77:221-227.
1037. Savini, G., Dunsmore, J.D., Robertson, I.D. & Seneviratna, P. 1992. The epidemiology of *Sarcocystis* spp. in cattle of Western Australia. *Epidemiol. Infect.* 108:107-113.
1038. Savini, G., Dunsmore, J.D., Robertson, I.D. & Seneviratna, P. 1992. *Sarcocystis* spp. in Western Australian cattle. *Aust. Vet. J.* 69:201-202.
1039. Savini, G., Dunsmore, J.D., Robertson, I.D. & Seneviratna, P. 1993. *Sarcocystis* spp. in Western Australian sheep. *Aust. Vet. J.* 70:152-154.
1040. Savini, G., Dunsmore, J.D. & Robertson, I.D. 1993. A survey of Western Australian dogs for *Sarcocystis* spp. and other intestinal parasites. *Aust. Vet. J.* 70:275-276.
1041. Savini, G., Dunsmore, J.D. & Robertson, I.D. 1994. Evaluation of a serological test system for the diagnosis of *Sarcocystis cruzi* infection in cattle using *S.cruzi* merozoite antigen. *Vet. Parasitol.* 51:181-189.
1042. Savini, G., Robertson, I.D. & Dunsmore, J.D. 1994. Risk factors associated with the occurrence of sarcocystis in Western Australia: results of a postal survey. *Prev. Vet. Med.* 19:137-144.
1043. Savini, G., Robertson, I.D. & Dunsmore, J.D. 1996. Viability of the sporocysts of *Sarcocystis cruzi* after exposure to different temperatures and relative humidities. *Vet. Parasitol.* 67:153-160.
1044. Savini, G., Dunsmore, J.D. & Robertson, I.D. 1996. Studies on pathogenesis, tissue infection and congenital transmission in cows experimentally infected with *Sarcocystis cruzi* by various routes. *Vet. Parasitol.* 64:319-327.
1045. Savini, G., Robertson, I.D. & Dunsmore, J.D. 1997. Sensitivities and specificities of two ELISA tests for detecting infection with *Sarcocystis* in cattle of Western Australia. *Prev. Vet. Med.* 32:35-40.
1046. Savini, G., Robertson, I.D. & Dunsmore, J.D. 1997. Class-specific antibody responses in cattle following experimental challenge with sporocysts or merozoites of *Sarcocystis cruzi*. *Vet. Parasitol.* 72:121-127.
1047. Savini, G., Robertson, I.D. & Dunsmore, J.D. 1997. Excystation rates and infectivity of sporocysts of *Sarcocystis cruzi* exposed to different treatments and storages. *Vet. Parasitol.* 73:17-25.
1048. Schall, J.J. 1996. Malarial parasites of lizards: diversity and ecology. *Adv. Parasitol.* 37:255-333.
1049. Schmidt, K., Johnston, M.R.L. & Stehbens, W.E. 1967. Fine structure of the schizont and merozoite of *Isoospora* sp. (Sporozoa: Eimeriidae) parasitic in *Gehyra variegata* (Dumeril and Bibron, 1836) (Reptilia: Gekkonidae). *J. Protozool.* 14:602-608.
1050. Schofield, P.J., Costello, M., Edwards, M.R. & O'Sullivan, W.J. 1990. The arginine dihydrolase

- pathway is present in *Giardia intestinalis*. Int. J. Parasitol. 20:697-699.
1051. Schultz, D.J. 1978. Diseases of parrots. Pp 223-244 in Fauna Part B (Post Graduate Committee in Veterinary Science: University of Sydney).
1052. Schultz, D.J. 1981. Alimentary tract disease. Pp 535-562 in Refresher Course on Aviary and Caged Birds (Post Graduate Committee in Veterinary Science: University of Sydney).
1053. Schuppel, K.F. & Kronberger, H. 1976. Leukozytozoeninfektion bei Australischen und Neuseelandischen Sittichen. Pp 69-72 in Erkrankungen der Zootiere. (Verhandlungsbericht des XVIII Internationales Symposium der Zootiere: Innsbruck).
1054. Scott, H.H. 1927. Report on the deaths occurring in the Society's Gardens during the year 1926. Proc. Zool. Soc. London (1927):173-198.
1055. Scott, H.H. 1928. Report on deaths occurring in the Society's Garden during the year 1927. Proc. Zool. Soc. London (1928):81-119.
1056. Scrivener, A.M., Slaytor, M. & Rose, H.A. 1989. Symbiont-independent digestion of cellulose and starch in *Panesthia cribrata* Saussure, an Australian wood-eating cockroach. J. Insect Physiol. 35:935-941.
1057. Seddon, H.R. & Carne, H.R. 1927. Incidence of coccidiosis in Australian rabbits as determined by faecal examination. Vet. Res. Rep. 3:33-42.
1058. Seddon, H.R. 1933. A note on piroplasmiasis in New South Wales. Aust. Vet. J. 9:19-20.
1059. Seddon, H.R. 1952. Diseases of domestic animals in Australia. Part 4. Protozoan and viral diseases. (Dept. Hlth. Serv. Publ., Div. Vet. Hyg. No. 8: Canberra).
1060. Seddon, H.R. & Albiston, H.E. 1966. Diseases of domestic animals in Australia. Part 4. Protozoan and virus diseases. 2nd. ed. (Dept. Hlth. Service Publ., Vet. Hyg. No. 8: Canberra).
1061. Selosse, P.M. & Rowland, S.J. 1990. Use of common salt to treat ichthyophthiriasis in Australian freshwater fishes. Progressive Fish-Culturist 52:124-127.
1062. Semple, G.P. 1995. Occurrence of pathogenic *Thelohania* (Microsporida: Nosematidae) in the Australian freshwater crayfish, *Cherax quadricarinatus* (Decapoda: Parastacidae). Proc. Linn. Soc. N.S.W. 115:225-231.
1063. Sfameni, S.F., Skurrie, I.J. & Gilbert, G.L. 1986. Antenatal screening for congenital infection with rubella, cytomegalovirus and *Toxoplasma*. Aust. N.Z. J. Obstet. Gynaecol. 26:257-260.
1064. Sharma, A.W. & Mayrhofer, G. 1988. A comparative study of infections with rodent isolates of *Giardia duodenalis* in inbred strains of rats and mice and in hypothyroid nude rats. Parasite Immunol. 10:169-179.
1065. Shaw, J., Dunsmore, J. & Jakob-Hoff, R. 1983. Prevalence of some gastrointestinal parasites in cats in the Perth area. Aust. Vet. J. 60:151-152.
1066. Shepherd, R.W. & Boreham, P.F.L. 1989. Recent advances in the diagnosis and management of giardiasis. Scand. J. Gastroenterol. 24:60-64.
1067. Shields, J.D. 1992. Parasites and symbionts of the crab *Portunus pelagicus* from Moreton Bay, eastern Australia. J. Crustacean Biol. 12:94-100.
1068. Shields, J.D. 1994. The parasitic dinoflagellates of marine crustaceans. Ann. Rev. Fish Dis. 4:241-271.
1069. Simmons, G.C. & Laws, L. 1957. Observations on bovine trichomoniasis. Aust. Vet. J. 33:249-253.
1070. Sindermann, C.J. 1966. Diseases of marine fishes. Adv. Mar. Biol. 4:1-89.
1071. Slaytor, M. 1992. Cellulose digestion in termites and cockroaches: what role do symbionts play? Comp. Biochem. Physiol. 103B:775-784.
1072. Slocombe, R.F. 1980. Induction of ichthyosporidiosis in brown trout (*Salmo trutta*) by feeding raw mullet. Aust. Vet. J. 56:585-587.
1073. Smales, L.R., Miller, A.K. & Obendorf, D.L. 1990. Parasites of the water rat, *Hydromys chrysogaster*, from Victoria and South Australia. Aust. J. Zool. 37:657-663.
1074. Smales, L.R. & Obendorf, D.L. 1996. Protozoan parasites and pathological findings in *Hydromys chrysogaster* (Muridae: Hydromyinae) from Queensland. J. Wildlife Dis. 32:344-347.
1075. Smallridge, C.J., Cooper, D.J. & Pinnock, D.E. 1995. The effect of the microsporidium *Octosporea*

- muscaedomesticae* on adult *Lucilia cuprina* (Diptera:Calliphoridae) J. Invert. Pathol. 66:196-197.
1076. Smallridge, C. & Paperna, I. 1997. The tick-transmitted haemogregarinid of the Australian sleepy lizard *Tiliqua rugosa* belongs to the genus *Hemolivia*. Parasite 4:359-363.
1077. Smith, I.D. 1961. Ovine toxoplasmosis as a cause of reproductive wastage. Preliminary observations. Aust. Vet. J. 37:18-21.
1078. Smith, I.D. 1962. Observations of ovine abortion, with particular reference to toxoplasmosis and virus abortion. Aust. Vet. J. 38:143-146.
1079. Smith, I.D. 1965. Pathogenicity to pregnant ewes of two strains of *Toxoplasma gondii* isolated from the water rat (*Hydromys chrysogaster*). Aust. Vet. J. 41:282-284.
1080. Smith, I.D. & Munday, B.L. 1965. Observations on the incidence of *Toxoplasma gondii* in native and introduced feral fauna in eastern Australia. Aust. Vet. J. 41:285-286.
1081. Smith, N.C., Bryant, C. & Boreham, P.F.L. 1988. Possible roles for pyruvate:ferredoxin oxidoreductase and thiol-dependent peroxidase and reductase activities in resistance to nitroheterocyclic drugs in *Giardia intestinalis*. Int. J. Parasitol. 18:991-997.
1082. Speare, R., Johnson, R.M. & Haffenden, A. 1982. Management of disease in captive macropods in north Queensland. Pp 117-124 in Evans, D.D. (ed.) The Management of Australian Mammals in Captivity. (Zoological Board of Victoria: Melbourne).
1083. Speare, R., Beveridge, I., Johnson, P.M. & Corner, L.A. 1983. Parasites of the agile wallaby, *Macropus agilis* (Marsupialia). Aust. Wildl. Res. 10:89-96.
1084. Speare, R., Haffenden, A.T., Daniels, P.W., Thomas, A.D. & Seawright, C.D. 1984. Diseases of the Herbert River ringtail, *Pseudocheirus herbertensis*, and other north Queensland rainforest possums. Pp 283-302 in Smith, A.P. & Hume, I.D. (ed.) Possums and Ringtails (Australian Mammal Society: Sydney).
1085. Speare, R. 1985. The veterinary aspects of man as an intermediate host for *Toxoplasma gondii*. Aust. Vet. Practit. 15:11-18.
1086. Speare, R., Donovan, J.A., Thomas, A.D. & Speare, P.J. 1989. Diseases of free-ranging Macropodoidea. Pp 705-734 in Grigg, G., Jarman, P. & Hume, I. (ed.) Kangaroos, Wallabies and Rat-kangaroos. (Surrey Beatty & Sons: Sydney).
1087. Speare, R. 1990. A review of the diseases of the cane toad, *Bufo marinus*, with comments on biological control. Aust. Wildlife Res. 17:387-410.
1088. Spencer, M. 1994. Malaria and the Land Headquarters Medical Research Unit, 1943-1946. Med. J. Aust. 161:78-82.
1089. Spencer, M. 1994. Malaria. The Australian experience 1843-1991. Australasian College of Tropical Medicine (Image Print: Townsville).
1090. Standfast, N.F. & Jorgensen, W.K. 1997. Comparison of the infectivity of *Babesia bovis*, *Babesia bigemina* and *Anaplasma centrale* for cattle after cryopreservation in either dimethylsulphoxide (DMSO) or polyvinylpyrrolidone (PVP). Aust. Vet. J. 75:62-63.
1091. Stehbens, W.E. 1966. Observations on *Lankesterella hylae*. J. Protozool. 13:59-62.
1092. Stehbens, W.E. 1966. The ultrastructure of *Lankesterella hylae*. J. Protozool. 13:63-73.
1093. Stehbens, W.E. & Johnston, M.R.L. 1967. The ultrastructure of a haemogregarine parasitic in *Gehyra variegata* (Dumeril & Bibron, 1836). Parasitol. 57:251-261.
1094. Stehbens, W.E. & Johnston, M.R.L. 1968. Cystic bodies and schizonts associated with a haemogregarine (sporozoa) parasitic in *Gehyra variegata* (Reptilia: Gekkonidae) J. Parasitol. 54:1151-1165.
1095. Stenzel, D.J., Dunn, L.A. & Boreham, P.F.L. 1989. Endocytosis in cultures of *Blastocystis hominis*. Int. J. Parasitol. 19:787-791.
1096. Stenzel, D.J., Boreham, P.F.L. & McDougall, R. 1991. Ultrastructure of *Blastocystis hominis* in human stool samples. Int. J. Parasitol. 21:807-812.
1097. Stenzel, D.J. & Boreham, P.F.L. 1991. A cyst-like stage of *Blastocystis hominis*. Int. J. Parasitol. 21:613-615.
1098. Stenzel, D.J. & Boreham, P.F.L. 1993. Ultrastructure of *Blastocystis hominis*. J. Computer-Assisted

Microscopy 5:13-16.

1099. Stenzel, D.J., Cassidy, M.F. & Boreham, P.F.L. 1993. Morphology of *Blastocystis* sp. isolated from circus animals. *Int. J. Parasitol.* 23:685-687.
1100. Stenzel, D.J., Cassidy, M.F. & Boreham, P.F.L. 1994. Morphology of *Blastocystis* sp. from domestic birds. *Parasitol. Res.* 80:131-137.
1101. Stenzel, D.J. & Boreham, P.F.L. 1994. Bacteria-like endosymbionts in *Blastocystis* sp. *Int. J. Parasitol.* 24:147-149.
1102. Stevenson, W.J. & Hughes, K.L. 1988. *Synopsis of Zoonoses in Australia*. 2nd. ed. (Aust. Govt. Publ. Service: Canberra).
1103. Stewart, N.P. 1978. Differences in the life cycles between a vaccine strain and an unmodified strain of *Babesia bovis* (Babes, 1889) in the tick *Boophilus microplus* (Cnestrini). *J. Protozool.* 25:497-501.
1104. Stewart, N.P., DeVos, A.J., McGregor, W. & Shiels, I.A. 1988. Observations on the development of tick-transmitted *Theileria buffeli* (syn *T. orientalis*?) in cattle. *Res. Vet. Sci.* 44:338-342.
1105. Stewart, N.P., DeVos, A.J., Shiels, L.A. & Jorgensen, W.K. 1989. Transmission of *Theileria buffeli* to cattle by *Haemaphysalis bancrofti* fed on artificially infected mice. *Vet. Parasitol.* 34:123-127.
1106. Stewart, J. 1994. Ratites. Pp 1284-1326 in Ritchie, B.W., Harrison, G.J. & Harrison, L.R. (ed.) *Avian Medicine: Principles and Application*. (Wingers Publ.: Lake Worth).
1107. Stodart, E. 1968. Coccidiosis in wild rabbits, *Oryctolagus cuniculus* (L.), at four sites in different climatic regions in eastern Australia. *Aust. J. Zool.* 16:69-85.
1108. Stodart, E. 1971. Coccidiosis in wild rabbits, *Oryctolagus cuniculus* (L.), at a site on the coastal plain in eastern Australia. *Aust. J. Zool.* 19:287-292.
1109. Studdert, M.J. & Johnson, K.G. 1959. *Toxoplasma* abortion and perinatal mortality in sheep. *Aust. Vet. J.* 35:502.
1110. Su, X.-Q. & White, R.W.G. 1994. New myxosporeans (Myxozoa: Myxosporidia) from marine fishes of Tasmania, Australia. *Acta Protozool.* 33:251-259.
1111. Su, X.-Q. & White, R.W.G. 1995. Trichodinid parasites (Ciliophora: Peritricha) from the gills of some Australian marine fishes. *Syst. Parasitol.* 32:53-59.
1112. Supperer, R. 1957. Zwei Coccidien, *Eimeria* (*Globidium*) *tasmaniae* n. sp. und *Eimeria* (*Eimeria*) *ursini* n. sp. aus dem Wombat (*Phascolumys ursinus* Shaw). *Z. Parasitenkd.* 17:510-513.
1113. Sutherland, J.L. 1933. Protozoa from Australian termites. *Quart. J. Microscop. Sci.* 76:145-173.
1114. Sutherland, A.K., Simmonds, G.C. & Bell, A.T. 1953. An outbreak of bovine trichomoniasis. *Aust. Vet. J.* 29:67-69.
1115. Sutherland, A.K. 1955. Bovine trichomoniasis. *Aust. Vet. J.* 31:43-45.
1116. Swan, C. & French, E. 1956. A case of toxoplasmosis. *Med. J. Aust.* 1:1009-1011.
1117. Swan, J.M. & Thompson, R.C.A. 1986. The prevalence of *Giardia* in dogs and cats in Perth, Western Australia. *Aust. Vet. J.* 63:110-112.
1118. Sweeney, A.W., Hazard, I. & Graham, M.F. 1985. Intermediate host for an *Amblyospora* sp. (Microspora) infecting the mosquito, *Culex annulirostris*. *J. Invert. Pathol.* 46:98-102.
1119. Sweeney, A.W., Graham, M.F. & Hazard, I. 1988. Life cycle of *Amblyospora dyxenoides* sp. nov. in the mosquito *Culex annulirostris* and the copepod *Mesocyclops albicans*. *J. Invert. Pathol.* 51:46-57.
1120. Sweeney, A.W., Doggett, S.L. & Gullick, G. 1989. Laboratory experiments on infection rates of *Amblyospora dyxenoides* (Microsporidia: Amblyosporidae) in the mosquito *Culex annulirostris*. *J. Invert. Pathol.* 53:85-92.
1121. Sweeney, A.W., Doggett, S.L. & Gullick, G. 1989. Bioassay experiments on the dose response of *Mesocyclops* sp. copepods to meiospores of *Amblyospora dyxenoides* produced in *Culex annulirostris* mosquito larvae. *J. Invert. Pathol.* 53:118-120.
1122. Sweeney, A.W., Doggett, S.L. & Piper, R.G. 1990. Life cycle of *Amblyospora indicola* (Microspora: Amblyosporidae), a parasite of the mosquito *Culex sitiens* and of *Apocyclops* sp. copepods. *J. Invert. Pathol.* 55:428-434.

1123. Sweeney, A.W., Doggett, S.L. & Piper, R.G. 1990. Life cycles and biology of microsporidia infecting Australian mosquitoes. Pp 66-69 in Proceedings of Vth. International Colloquium on Invertebrate Pathology and Microbial Control. (Society for Invertebrate Pathology: Adelaide).
1124. Taylor, J.L., Wagner, J.E., Kusewitt, D.F. & Mann, P.C. 1979. *Klossiella* parasites of animals: a literature review. *Vet. Parasitol.* 5:137-144.
1125. Tedesco, L.F., Errico, F. & Del Baglivi, L.P. 1979. Diagnosis of *Tritrichomonas foetus* infection in bulls using two sampling methods and a transport medium. *Aust. Vet. J.* 55:322-324.
1126. Telford, S.R.J. 1979. A malarial parasite of Australian skinks, *Plasmodium mackerrasae* sp. n. *J. Parasitol.* 65:409-413.
1127. Telford, S.R. 1994. Plasmodia of reptiles. Pp 1-71 in Kreier, J.P. (ed.) *Parasitic Protozoa* 2nd. ed. (Academic Press: San Diego).
1128. Telford, S.R. 1995. The kinetoplastid hemoflagellates of reptiles. Pp 161-223 in Kreier, J.P. (ed.) *Parasitic Protozoa*. 2nd. ed. (Academic Press: San Diego).
1129. Tenter, A.M. & Johnson, A.M. 1990. Human antibody response to the nucleoside triphosphate hydrolase of *Toxoplasma gondii*. *J. Immunoassay* 11:579-590.
1130. Tenter, A.M., Johnson, M.R. & Johnson, A.M. 1991. Effect of tryptic or peptic digestion or mechanical isolation on the extraction of proteins, antigens, and ribonucleic acids from *Sarcocystis muris* bradyzoites. *J. Parasitol.* 77:194-199.
1131. Tenter, A.M., Zimmerman, G.L. & Johnson, A.M. 1991. Separation of antigens from *Sarcocystis* species using chromatofocusing. *J. Parasitol.* 77:727-736.
1132. Tenter, A.M. & Johnson, A.M. 1991. Recognition of recombinant *Toxoplasma gondii* antigens by human sera in an ELISA. *Parasitol. Res.* 77:197-203.
1133. Tenter, A.M. & Johnson, A.M. 1992. Comparison of *in vitro* translation products of *Sarcocystis gigantea* and *Sarcocystis tenella*. *Int. J. Parasitol.* 22:153-164.
1134. Tenter, A.M., Vietmeyer, C. & Johnson, A.M. 1992. Development of ELISAs based on recombinant antigens for the detection of *Toxoplasma gondii*-specific antibodies in sheep and cats *Vet. Parasitol.* 43:189-201.
1135. Tenter, A.M., Luton, K. & Johnson, A.M. 1994. Species-specific identification of *Sarcocystis* and *Toxoplasma* by PCR amplification of small subunit ribosomal RNA gene fragments. *Appl. Parasitol.* 35:173-188.
1136. Testoni, F.J. 1974. Enzootic renal nosematosis in laboratory rabbits. *Aust. Vet. J.* 50:159-163.
1137. Teuscher, E.V. & Stunzi, H. 1956. Uber parasitologische Kotuntersuchungen bei Saugtieren des Zoologischen Gartens Zurich. *Acta Trop.* 13:262-269.
1138. Tham, V.L., Kniesberg, S. & Dixon, B.R. 1982. Cryptosporidiosis in quails. *Avian Pathol.* 11:619-626.
1139. Thammapalerd, N., Kotimanusvanij, D., Duchene, M., Upcroft, J.A., Mitchell, R., Healey, A., Samarawickrema, N., Tharavanij, S., Wiedermann, G. & Upcroft, P. 1996. Pyruvate:ferredoxin oxidoreductase from *Entamoeba histolytica* recognized by a monoclonal antibody. *SE Asian J. Trop. Med. Pub. Hlth.* 27:63-70.
1140. Thomas, C., Finn, M., Twigg, L., Deplazes, P. & Thompson, R.C.A. 1997. Microsporidia (*Encephalitozoon cuniculi*) in wild rabbits in Australia. *Aust. Vet. J.* 75:808-810.
1141. Thompson, S.W. & Reed, T.H. 1957. Toxoplasmosis in a swamp wallaby. *J. Am. Vet. Med. Ass.* 131:545-549.
1142. Thompson, R.C.A., Meloni, B.P. & Lymbery, A.J. 1988. Humans and cats have genetically-identical forms of *Giardia*: evidence of a zoonotic relationship. *Med. J. Aust.* 148:207-209.
1143. Thompson, R.C.A., Lymbery, A.J. & Meloni, B.P. 1988. Giardiasis a zoonosis in Australia? *Parasitol. Today* 4:201.
1144. Thompson, R.C.A., Lymbery, A.J. & Meloni, B.P. 1990. Genetic variation in *Giardia* Kunstler, 1882: taxonomic and epidemiological significance. *Protozool. Abstr.* 14:1-28.
1145. Thompson, R.C.A. 1992. Parasitic zoonoses - problems created by people, not animals. *Int. J. Parasitol.* 22:556-561.

1146. Thompson, R.C.A. 1992. Giardiasis. Pp 89-91 in Zoonoses. Australian Veterinarians in Public Health. (Post Graduate Committee in Veterinary Science: University of Sydney).
1147. Thompson, R.C.A., Reynoldson, J.A. & Lymbery, A.J. 1993. *Giardia* - from molecules to disease and beyond. Parasitol. Today 9:313-315.
1148. Thompson, R.C.A., Meloni, B.P., Hopkins, R.M., Deplazes, P. & Reynoldson, J.A. 1993. Observations on the endo- and ectoparasites affecting dogs and cats in Aboriginal communities in the north-west of Western Australia. Aust. Vet. J. 70:268-270.
1149. Thompson, R.C.A. & Meloni, B.P. 1993. Molecular variation in *Giardia*. Acta Tropica 53:167-184.
1150. Thompson, R.C.A., Lymbery, A.J., Pearce, D.A., Finn, K.C., Reynoldson, J.A. & Meloni, B.P. 1996. *Giardia duodenalis*: exposure to metronidazole inhibits competitive interactions between isolates of the parasite *in vitro*. J. Parasitol. 82:679-683.
1151. Thomson, D. 1977. Diseases of water buffalo in the Northern Territory of Australia. Aust. Vet. Practit. 7:50-52.
1152. Thong, Y.H., Ferrante, A., Shepherd, C. & Rowan-Kelly, B. 1978. Resistance of mice to *Naegleria meningoencephalitis* transferred by immune serum. Trans. Roy. Soc. Trop. Med. Hyg. 72:650-652.
1153. Thong, Y.H., Shepherd, C., Ferrante, A. & Rowan-Kelly, B. 1978. Protective immunity to *Naegleria fowleri* in experimental amebic meningoencephalitis. Am. J. Trop. Med. Hyg. 27:238-240.
1154. Thong, Y.H., Ferrante, A., Rowan-Kelly, B. & O'Keefe, D.E. 1979. Immunization with culture supernatant in experimental amoebic meningoencephalitis. Trans. Roy. Soc. Trop. Med. Hyg. 73:684-685.
1155. Thong, Y.H., Ferrante, A., Rowan-Kelly, B. & O'Keefe, D. 1980. Immunization with live amoebae, amoebic lysate and culture supernatant in experimental *Naegleria meningoencephalitis*. Trans. Roy. Soc. Trop. Med. Hyg. 74:570-576.
1156. Thong, Y.H., Carter, R.F., Ferrante, A. & Rowan-Kelly, B. 1983. Site of expression of immunity to *Naegleria fowleri* in immunized mice. Parasite Immunol. 5:67-76.
1157. Tiegs, O.W. 1931. Note on the occurrence of *Sarcocystis* in muscle of python. Parasitol. 23:412-414.
1158. Timms, P., McGregor, W. & Dalgliesh, R.J. 1981. Tick fever vaccines. How they are made and how to use them. Qld. Agric. J. 107:311-316.
1159. Timms, P., Dalgliesh, R.J., Barry, D.N., Dimmock, C.K. & Rodwell, B.J. 1983. *Babesia bovis*: comparison of culture-derived parasites, non-living antigen and conventional vaccine in the protection of cattle against heterologous challenge. Aust. Vet. J. 60:75-77.
1160. Townson, S.M., Laqua, H., Upcroft, P., Boreham, P.F.L. & Upcroft, J.A. 1992. Induction of metronidazole and furazolidone resistance in *Giardia*. Trans. Roy. Soc. Trop. Med. Hyg. 86:521-522.
1161. Townson, S.M., Boreham, P.F.L., Upcroft, P. & Upcroft, J.A. 1994. Resistance to the nitroheterocyclic drugs. Acta Tropica 56:173-194.
1162. Townson, S.M., Hanson, G.R., Upcroft, J.A. & Upcroft, P. 1994. A purified ferredoxin from *Giardia duodenalis*. Eur. J. Biochem. 220:439-446.
1163. Townson, S.M., Upcroft, J.A. & Upcroft, P. 1996. Characterisation and purification of pyruvate:ferredoxin oxidoreductase from *Giardia duodenalis*. Mol. Biochem. Parasitol. 79:183-193.
1164. Triffitt, M.J. 1926. Some sorozoan parasites found in the intestinal wall of Bennett's wallaby (*Macropus bennetti*). Protozool. 2:31-46.
1165. Triffitt, M.J. 1927. Note on the occurrence of a sarcocyst, parasitic in a wallaby. Protozool. 3:75-76.
1166. Trueman, K.F. & Blight, G.W. 1978. The effect of age on resistance of cattle to *Babesia bovis*. Aust. Vet. J. 54:301-305.
1167. Turnbull, P.A. 1977. An abattoir survey of bull genitalia. Aust. Vet. J. 53:274-279.
1168. Turner, A.W. & Murnane, D. 1930. Trypanosomes in the blood of Victorian animals. 1. A preliminary note on the occurrence of *Trypanosoma theileri* in the blood of cattle. J. Coun. Sci. Industr. Res. 3:120-121.

1169. Turner, A.W. & Murnane, D. 1930. A preliminary note on the occurrence of *Trypanosoma theileri* in the blood of cattle in Victoria. *Aust. J. Exptl. Biol. Med. Sci.* 7:9-11.
1170. Turner, A.W. & Murnane, D. 1930. On the presence of the non-pathogenic *Trypanosoma melophagium* in the blood of Victorian sheep, and its transmission by *Melophagus ovinus*. *Aust. J. Expt. Biol. Med. Sci.* 7:5-8.
1171. Turner, A.W. & Murnane, D. 1930. Trypanosomes in the blood of Victorian animals. II. On the presence of *Trypanosoma melophagium* in the blood of Victorian sheep, and its transmission by the sheep 'tick' *Melophagus ovinus*. *J. Coun. Sci. Industr. Res.* 3:120-122.
1172. Turner, A.W. & Murnane, D. 1932. *Giardia* in sheep in Victoria, Australia. *Aust. J. Expt. Biol. Med. Sci.* 10:53-56.
1173. Tzipori, S., Smith, M., Makin, T. & Halpin, C. 1982. Enterocolitis in piglets caused by *Cryptosporidium* sp. purified from calf faeces. *Vet. Parasitol.* 11:121-126.
1174. Tzipori, S., Larsen, J., Smith, M. & Luefl, R. 1982. Diarrhoea in goat kids attributed to *Cryptosporidium* infection. *Vet. Record* 111:35-36.
1175. Tzipori, S., Smith, M., Birch, C., Barnes, G. & Bishop, R. 1983. Cryptosporidiosis in hospital patients with gastroenteritis. *Am. J. Trop. Med. Hyg.* 32:931-934.
1176. Tzipori, S., Smith, M., Halpin, C., Angus, K.W., Sherwood, D. & Campbell, I. 1983. Experimental cryptosporidiosis in calves: clinical manifestations and pathological findings. *Vet. Rec.* 112:116-120.
1177. Tzipori, S. 1983. Cryptosporidiosis in animals and humans. *Microbiol. Rev.* 47:84-96.
1178. Tzipori, S. 1985. The relative importance of enteric pathogens affecting neonates of domestic animals. *Adv. Vet. Sci. Comp. Med.* 29:103-206.
1179. Tzipori, S., Robertson, D. & Chapman, C. 1986. Remission of diarrhoea due to cryptosporidiosis in an immunodeficient child treated with hyperimmune bovine colostrum. *Brit. Med. J.* 293:1276-1277.
1180. Tzipori, S., Robertson, D., Cooper, D.A. & White, L. 1987. Chronic cryptosporidial diarrhoea and hyperimmune cow colostrum. *Lancet* 2 (August 8):344-345.
1181. Uilenberg, G., Mpangala, C., McGregor, W. & Callow, L.L. 1977. Biological differences between African *Theileria mutans* (Theiler 1906) and two benign species of *Theileria* of cattle in Australia and Britain. *Aust. Vet. J.* 53:271-273.
1182. Uilenberg, G., Perie, N.M., Spanjer, A.A.M. & Franssen, F.F.J. 1985. *Theileria orientalis*, a cosmopolitan blood parasite of cattle: demonstration of the schizont stage. *Res. Vet. Sci.* 38:352-357.
1183. Ungar, B.L.P. 1990. Cryptosporidiosis in humans (*Homo sapiens*). Pp 59-82 in Dubey, J.P., Speer, C.A. & Fayer, R. (ed.) *Cryptosporidiosis of Man and Animals*. (CRC Press: Boca Raton).
1184. Upcroft, J.A., Capon, A.G., Dharmkrong-At, A., Healey, A., Boreham, P.F.L. & Upcroft, P. 1987. *Giardia intestinalis* antigens expressed in *Escherichia coli*. *Mol. Biochem. Parasitol.* 26:267-276.
1185. Upcroft, P., Boreham, P.F.L. & Upcroft, J.A. 1988. The genome of *Giardia intestinalis*. Pp 147-152 in Wallis, P.M. & Hammond, B.R. (ed.) *Advances in Giardia Research* (University of Calgary Press: Calgary).
1186. Upcroft, J.A., Dunn, L.A., Dommett, L.S., Healey, A., Upcroft, P. & Boreham, P.F.L. 1989. Chromosomes of *Blastocystis hominis*. *Int. J. Parasitol.* 19:879-883.
1187. Upcroft, J., Boreham, P.F.L. & Upcroft, P. 1989. Geographic variation in *Giardia* karyotypes. *Int. J. Parasitol.* 19:519-527.
1188. Upcroft, J.A., Healey, A., Mitchell, R., Boreham, P.F.L. & Upcroft, P. 1990. Antigen expression from the ribosomal DNA repeat unit of *Giardia intestinalis*. *Nucleic Acids Res.* 18:7077-7081.
1189. Upcroft, J.A., Upcroft, P. & Boreham, P.F.L. 1990. Drug resistance in *Giardia intestinalis*. *Int. J. Parasitol.* 20:489-496.
1190. Upcroft, P., Mitchell, R. & Boreham, P.F.L. 1990. DNA fingerprinting of the intestinal parasite *Giardia duodenalis* with the M13 phage genome. *Int. J. Parasitol.* 20:319-323.
1191. Upcroft, J.A., Healey, A., Murray, D.G., Boreham, P.F.L. & Upcroft, P. 1992. A gene associated

- with cell division and drug resistance in *Giardia duodenalis*. Parasitol. 104:397-405.
1192. Upcroft, J.A. & Upcroft, P. 1993. Drug resistance and *Giardia*. Parasitol. Today 9:187-190.
1193. Upcroft, J.A., Healey, A. & Upcroft, P. 1993. Chromosomal duplication in *Giardia duodenalis*. Int. J. Parasitol. 23:609-616.
1194. Upcroft, J.A., Mitchell, R.W. & Upcroft, P. 1993. The 3' terminal region of a gene encoding a cysteine-rich surface protein in *Giardia duodenalis*. Int. J. Parasitol. 23:785-792.
1195. Upcroft, P. 1994. Multiple drug resistance in the pathogenic protozoa. Acta Trop. 56:195-212.
1196. Upcroft, J.A., Healey, A. & Upcroft, P. 1994. A new rDNA repeat unit in human *Giardia*. J. Euk. Microbiol. 41:639-642.
1197. Upcroft, J.A. & Upcroft, P. 1994. Two distinct varieties of *Giardia* in a mixed infection from a single human patient. J. Euk. Microbiol. 41:189-194.
1198. Upcroft, J.A., Boreham, P.F.L., Campbell, R.W., Shepherd, R.W. & Upcroft, P. 1995. Biological and genetic analysis of a longitudinal collection of *Giardia* samples derived from humans. Acta Tropica 60:35-46.
1199. Upcroft, J.A., Chen, N. & Upcroft, P. 1996. Mapping variation in chromosome homologues of different *Giardia* strains. Mol. Biochem. Parasitol. 76:135-143.
1200. Upcroft, J.A., Campbell, R.W. & Upcroft, P. 1996. Quinacrine-resistant *Giardia duodenalis*. Parasitol. 112:309-313.
1201. Upcroft, J., Mitchell, R., Chen, N. & Upcroft, P. 1996. Albendazole resistance in *Giardia* is correlated with cytoskeletal changes but not with a mutation at amino acid 200 in B-tubulin. Microbial Drug Resistance 2:303-308.
1202. Upcroft, P., Chen, N. & Upcroft, J.A. 1997. Telomeric organization of a variable and inducible toxin gene family in the ancient eukaryote *Giardia intestinalis*. Genome Res. 7:37-46.
1203. Upcroft, J.A., McDonnell, P.A., Gallagher, A.N., Chen, N. & Upcroft, P. 1997. Lethal *Giardia* from a wild-caught sulphur-crested cockatoo (*Cacatua galerita*) established *in vitro* chronically infects mice. Parasitol. 114:407-412.
1204. Upcroft, J.A. & Upcroft, P. 1998. Future therapeutic alternatives for combating anaerobic protozoa. Parasitol. Today 14:212-214.
1205. Upcroft, J. & Upcroft, P. 1998. My favorite cell: *Giardia*. BioEssays 20:256-263.
1206. Upton, S.J., Current, W.L. & Barnard, S.M. 1986. A review of the genus *Caryospora* Leger, 1904 (Apicomplexa: Eimeriidae). Syst. Parasitol. 8:3-21.
1207. Upton, S.J. 1990. *Cryptosporidium* spp. in lower vertebrates. Pp 149-156 in Dubey, J.P., Speer, C.A. & Fayer, R. (ed.) Cryptosporidiosis of Man and Animals. (CRC Press: Boca Raton).
1208. Veivers, P.C., O'Brien, R.W. & Slaytor, M. 1983. Selective defaunation of *Mastotermes darwiniensis* and its effect on cellulose and starch metabolism. Insect Biochem. 13:95-101.
1209. Verco, J.C. 1899. Amoebic pulmo-hepatic abscess. Aust. Med. Gaz. 18:66-71.
1210. Villarreal, H. & Hutchings, R.W. 1986. Presence of ciliate colonies on the exoskeleton of the freshwater crayfish *Cherax tenuimanus* (Smith) [Decapoda: Parastacidae]. Aquaculture 58:309-312.
1211. Voolmann, T. & Boreham, P.F.L. 1993. Metronidazole resistant *Trichomonas vaginalis* in Brisbane. Med. J. Aust. 159:490.
1212. Voolmann, T., Morey, F. & Rich, G. 1995. Trichomoniasis is a problem in Aboriginal women - fact or fiction? Venereology 8:34-36.
1213. Waddell, A.H. 1963. Deep freeze storage of *Babesia bigemina*. Aust. Vet. J. 39:400.
1214. Waddell, A.H., Hoyte, H.M.D. & Daniel, R.C.W. 1971. Four species of *Eimeria* in pigs in Queensland. Aust. Vet. J. 47:462.
1215. Waite, J.H. 1918. The Queensland hookworm campaign. Med. J. Aust. 2:505-510.
1216. Walker, D. & Garnham, P.C.C. 1972. Aberrant *Leucocytozoon* infection in parakeets. Vet. Rec. 91:70-72.
1217. Walker, J.C., Bahr, G. & Ehl, A.S. 1985. Gastrointestinal parasites in Sydney. Med. J. Aust. 143:480.
1218. Wallace, F.G., Roitman, I. & Camargo, E.P. 1992. Trypanosomatids of plants. Pp 55-84 in Kreier,

- J.P. & Baker, J.R. (ed.) Parasitic Protozoa. 2nd. ed. (Academic Press: San Diego).
1219. Walpole, I.R., Hodgen, N. & Bower, C. 1991. Congenital toxoplasmosis: a large survey in Western Australia. *Med. J. Aust.* 154:720-724.
1220. Ward, W.H., Hill, M.W.M., Mazlin, I.D. & Foster, C.K. 1984. Anaemia associated with a high parasitaemia of *Trypanosoma theileri* in a dairy cow. *Aust. Vet. J.* 61:324.
1221. Watson, A.D.J. 1980. Giardiasis and colitis in a dog. *Aust. Vet. J.* 56:444-447.
1222. Watson, A.D.J., Farrow, B.R.H. & McDonald, P.J. 1982. Prevalence of *Toxoplasma gondii* antibodies in pet dogs and cats. *Aust. Vet. J.* 58:213-214.
1223. Watts, M., Burke, C.M. & Munday, B.L. 1996. The development of a fluorescent antibody stain to identify a *Uronema* sp. (Ciliophora: Scuticociliatida) implicated in fatal encephalitis in southern bluefin tuna (*Thunnus maccoyii*). *Bull. Eur. Ass. Fish Pathol.* 16:104-108.
1224. Weilgama, D.J., Jorgensen, W.K., Dalglish, R.J., Navaratne, M. & Weerasinghe, C. 1989. Comparison between Sri Lankan and Australian strains of *Babesia bovis* in the vaccination of imported cattle in Sri Lanka. *Trop. Anim. Hlth. Prod.* 21:141-145.
1225. Weinstein, P., Macaitis, M., Walker, C. & Cameron, S. 1993. Cryptosporidial diarrhoea in South Australia. An exploratory case-control study of risk factors for transmission. *Med. J. Aust.* 158:117-119.
1226. Welsh, D.A. & Barling, J.E.V. 1909. *Haemogregarina petauri*: a haemogregarine of a marsupial flying squirrel. *Aust. Med. Congr.* (1908) 2:329-333.
1227. Welsh, D.A. & Barling, J.E.V. 1910. *Haemogregarina petauri*: a haemogregarine of a marsupial flying squirrel. *J. Pathol. Bact.* 14:536-541.
1228. Welsh, D.A. & Dalyell, E.J. 1909. *Haemogregarina peramelis*: a free haemogregarine of an Australian bandicoot. *J. Univ. Sydney Med. Soc.* 2:112-115.
1229. Welsh, D.A. & Dalyell, E.J. 1910. *Haemogregarina peramelis*: a free haemogregarine of an Australian bandicoot. *J. Pathol. Bact.* 14:547-549.
1230. Welsh, D.A., Dalyell, E.J. & Burfitt, M.B. 1909. *Haemogregarina dasyuri*: a preliminary note on an undescribed haemogregarine of the Australian native cat. *Aust. Med. Congr.* (1908) 2:333-337.
1231. Welsh, D.A., Dalyell, E.J. & Burfitt, M.B. 1910. *Haemogregarina dasyuri*: a haemogregarine of the Australian native cat. *J. Pathol. Bact.* 14:542-546.
1232. Welsh, D.A. & Priestley, H. 1911. *Halteridium* in a kukuburra. *J. Pathol. Bacteriol.* 15:369-371.
1233. Wenyon, C.M. & Scott, H.H. 1925. Demonstration of sections of intestine of Bennett's wallaby. *Trans. Roy. Soc. Trop. Med. Hyg.* 19:7-8.
1234. Wenyon, C.M. 1926. Protozoology. (Bailliere, Tindall & Cox Pub: London).
1235. White, J.A. 1867. On the fevers of the Gulf of Carpentaria. *Aust. Med. J.* 12:361-365.
1236. Whiting, R.H. 1972. Incidence of cysticercosis and sarcosporidiosis in sheep in south eastern Australia. *Aust. Vet. J.* 48:449-451.
1237. Whittington, R.J. & Wilson, J.M. 1985. Cryptosporidiosis of the respiratory tract in a pheasant. *Aust. Vet. J.* 62:284-285.
1238. Wickham, N. & Carne, H.R. 1950. Toxoplasmosis in domestic animals in Australia. *Aust. Vet. J.* 26:1-3.
1239. Widmer, G. 1998. Genetic heterogeneity and PCR detection of *Cryptosporidium parvum*. *Adv. Parasitol.* 40:223-239.
1240. Wilhelmsen, C.L. & Montali, R.J. 1980. Toxoplasmosis in a parma wallaby. *Ann. Proc. Am. Assoc. Zoo Vet.* 1980:141-143.
1241. Wilkinson, G.T. 1977. Coccidial infection in a cat colony. *Vet. Record* 100:156-157.
1242. Wilkinson, F.C. 1981. Lamb survival from marking and weaner illthrift. Pp 193-209 in Refresher Course on Sheep. (Post Graduate Committee in Veterinary Science: University of Sydney).
1243. Wilkinson, G.T. & Thompson, H.L. 1986. Prevalence of *Toxoplasma gondii* antibodies in cats in south-east Queensland. *Aust. Vet. Practit.* 16:144-146.
1244. Willis, H.H. 1923. A note on intestinal protozoal cysts in man at Townsville, north Queensland. *Med. J. Aust.* 2:682.

1245. Willis, A.G. 1949. On the vegetative forms and life history of *Chloromyxum thyrsites* Gilchrist and its doubtful systematic position. Aust. J. Sci. Res. Ser. B 2:379-398.
1246. Wilson, J. 1984. Diagnosis of encephalitozoonosis in man by serological tests. Brit. Med. J. 288:1164.
1247. Winter, H. 1958. Pathological study of a case of canine toxoplasmosis. Aust. Vet. J. 34:179-185.
1248. Winter, H. 1959. Coccidiosis in kangaroos. Aust. Vet. J. 35:301-303.
1249. Winter, H. & Watt, D. 1971. *Klossiella hydromyos* n.sp. from the kidneys of an Australian water rat (*Hydromys chrysogaster*). Vet. Pathol. 8:222-231.
1250. Winterbotham, L.P. & Arden, F. 1943. Two case4s of benign tertian malaria in civilians. Med. J. Aust. 2:129-130.
1251. Wolf, P.H. 1972. Occurrence of a haplosporidian in Sydney rock oysters (*Crassostrea commercialis*) from Moreton Bay, Queensland, Australia. J. Invert. Pathol. 19:416-417.
1252. Wolf, P.H. 1977. An unidentified protistan parasite on the ova of the blacklipped oyster, *Crassostrea echinata*, from northern Australia. J. Invert. Pathol. 29:244-246.
1253. Wolf, P.H. 1977. Diseases and parasites in Australian commercial shellfish. Haliotis 8:75-83.
1254. Wolf, P.H. & Sprague, V. 1978. An unidentified protistan parasite of the pearl oyster, *Pinctada maxima*, in tropical Australia. J. Invert. Pathol. 31:262-263.
1255. Woolcock, V. 1936. *Chloromyxum pristiphori*, a new species of myxosporidid parasitic in the gall-bladder of *Pristiophorous cirratus* (saw shark). Parasitol. 28:72-78.
1256. Wosu, L.O. 1977. Trichomas infection in a bull - an apparent change in serotype of the infecting organism. Aust. Vet. J. 53:340-341.
1257. Wosu, L.O. 1977. Improved cultral methods for *Tritrichomonas foetus*. Vet. Microbiol. 2:89-93.
1258. Wright, I.G. 1971. The isolation of *Haemobartonella canis* in association with *Babesia canis* in a splenectomised dog. Aust. Vet. J. 47:157-159.
1259. Wright, I.G. 1973. Osmotic fragility of erythrocytes in acute *Babesia argentina* and *Babesia bigemina* infections in spenectomised *Bos taurus* calves. Res. Vet. Sci. 15:299-305.
1260. Wright, I.G. 1973. Plasmakallikrein levels in acute *Babesia argentina* infections in splenectomised and intact calves. Z. Parasitenkd. 41:269-280.
1261. Wright, I.G. & Mahoney, D.F. 1974. The activation of kallikrein in acute *Babesia argentina* infections of splenectomised calves. Z. Parasitenkd. 43:271-278.
1262. Wright, I.G. 1975. The probable role of *Babesia argentina* esterase in the *in vitro* activation of plasma prekallikrein. Vet. Parasitol. 1:91-96.
1263. Wright, G. 1977. Kinin, kininogen and kininase levels during acute *Babesia bovis* (= *B. argentina*) infection of cattle. Brit. J. Pharmacol. 61:567-572.
1264. Wright, I.G. & Kerr, J.D. 1977. Hypotension in acute *Babesia bovis* (= *B. argentina*) infections of splenectomized calves. J. Comp. Path. 87:531-537.
1265. Wright, I.G. & Goodger, B.V. 1977. Acute *Babesia bigemina* infection: changes in coagulation and kallifrein parameters. Z. Parasitenkd. 53:63-73.
1266. Wright, I.G., Goodger, B.V., McKenna, R.V. & Mahoney, D.F. 1979. Acute *Babesia bovis* infection: a study of the vascular lesions in kidney and lung. Z. Parasitenkd. 60:19-27.
1267. Wright, I.G., Goodger, B.V. & Mahoney, D.F. 1980. The irradiation of *Babesia bovis*. 1. The difference in pathogenicity between irradiated and non-irradiated populations. Z. Parasitenkd. 63:47-57.
1268. Wright, I.G., Goodger, B.V. & Mahoney, D.F. 1981. Virulent and avirulent strains of *Babesia bovis*: the relationship between parasite protease content and pathophysiological effect of the strain. J. Protozool. 28:118-120.
1269. Wright, I.G., McKenna, R.V. & Goodger, B.V. 1981. Acute *Babesia bovis* infections: plasma creatine kinase, lactate dehydrogenase and creatinine levels and associated muscle damage. Z. Parasitenkd. 64:297-302.
1270. Wright, P.J. 1993. New records of entomopathogens infecting *Oncopera* spp. (Lepidoptera: Hepialidae) larvae in Tasmania. J. Invert. Pathol. 61:315-316.

1271. Yadav, M., Stanley, N.F. & Waring, H. 1972. The microbial flora of the gut of the pouch-young and the pouch of a marsupial, *Setonix brachyurus*. J. General Microbiol. 70:437-442.
1272. Yakimoff, W.L. & Matschoulsky, S.N. 1936. Coccidiosis in the kangaroo. J. Parasitol. 22:514-515.
1273. Yamada, M., Takeuchi, H., Kamo, S. & Inoki, S. 1981. A cyst-forming Eimeriina found in the kangaroo imported from Australia. Zbl. Bakt. Hyg., I.Abt. Orig. A 250:361-367.
1274. Zwart, P. & Strik, W. 1964. Globidiosis in a Bennett's wallaby. Tijdschr. Diergeneesk. 89:138-143.
1275. Adams, M.B. & Nowak, B.F. 2003. Amoebic gill disease: sequential pathology in cultured Atlantic salmon, *Salmo salar* L. J. Fish Dis. 26:601-614.
1276. Adams, M.B. & Nowak, B.F. 2004. Sequential pathology after initial freshwater bath treatment for amoebic gill disease in cultured Atlantic salmon, *Salmo salar* L. J. Fish Dis. 27:163-173.
1277. Adams, M.B., Ellard, K. & Nowak, B.F. 2004. Gross pathology and its relationship with histopathology of amoebic gill disease (AGD) in farmed Atlantic salmon, *Salmo salar* L. J. Fish Dis. 27:151-161.
1278. Adams, P.J., Monis, P.T., Elliot, A.D. & Thompson, R.C.A. 2004. Cyst morphology and sequence analysis of the small subunit rDNA and *efl* α identifies a novel *Giardia* genotype in a quenda (*Isoodon obesulus*) from Western Australia. Infect. Genetics Evol. 4:365-370.
1279. Adlard, R.D., Peirce, M.A. & Lederer, R. 2002. New species of *Leucocytozoon* from the avian families Otidae, Podargidae and Threskiornithidae. J. Nat. Hist. 36:1261-1267.
1280. Adlard, R.D., Peirce, M.A. & Lederer, R. 2004. Blood parasites of birds from south-east Queensland. Emu 104:191-196.
1281. Adlard, R.D., Bryant, M.S., Whipps, C.M. & Kent, M.L. 2005. Multivalvulid myxozoans from eastern Australia: three new species of *Kudoa* from scombrid and labrid fishes of the Great Barrier Reef, Queensland, Australia. J. Parasitol. 91:1138-1142.
1282. Adams, M.B. & Nowak, B.F. 2001. Distribution and structure of lesions in the gills of Atlantic salmon, *Salmo salar* L., affected with amoebic gill disease. J. Fish Dis. 24:535-542.
1283. Adams, M.B. & Nowak, B.F. 2004. Experimental amoebic gill disease of Atlantic salmon, *Salmo salar* L.: further evidence for the primary pathogenic role of *Neoparamoeba* sp. (Page, 1987). J. Fish Dis. 27:105-113.
1284. Adams, M.B. & Nowak, B.F. 2003. Amoebic gill disease: sequential pathology in cultured Atlantic salmon, *Salmo salar* L. J. Fish Dis. 26:601-614.
1285. Anders, R.F., McColl, D.J. & Coppel, R.L. 1993. Molecular variation in *Plasmodium falciparum*: polymorphic antigens of asexual erythrocytic stages. Acta Trop. 53:239-253.
1286. Anderson, T.J., Wesche, S. & Lester, R.J.G. 1994. Are outbreaks of *Marteilia sydneyi* in Sydney rock oysters, *Saccostrea commercialis*, triggered by a drop in environmental pH? Aust. J. Mar. Freshw. Res. 45:1285-1287.
1287. Anderson, T.J., Hine, P.M. & Lester, R.J.G. 1995. A *Steinhausia*-like infection in the ovocytes of Sydney rock oysters *Saccostrea commercialis*. Dis. Aquat. Org. 22:143-146.
1288. Atkinson, R., Harper, P.A.W., Reichel, M.P. & Ellis, J.T. 2000. Progress in the serodiagnosis of *Neospora caninum* infections in cattle. Parasitology Today 16:110-114.
1289. Atkinson, R.A., Cook, R.W., Reddacliff, L.A., Rothwell, J., Broady, K.W., Harper, P.A.W. & Ellis, J.T. 2000. Seroprevalence of *Neospora caninum* infection following an abortion outbreak in a dairy cattle herd. Aust. Vet. J. 78:262-266.
1290. Atkinson, R.A., Ryce, C., Miller, C.M.D., Balu, S., Harper, P.A.W. & Ellis, J.T. 2001. Isolation of *Neospora caninum* genes detected during a chronic murine infection. Int. J. Parasitol. 31:67-71.
1291. Adisa, A., Frankland, S., Rug, M., Jackson, K., Maier, A.G., Walsh, P., Lithgow, T., Klonis, N., Gilson, P.R., Cowman, A.F. & Tilley, L. 2007. Re-assessing the locations of components of the classical vesicle-mediated trafficking machinery in transfected *Plasmodium falciparum*. Int. J. Parasitol. 37:1127-1141.
1292. Bangs, M.J. & Purnomo. 1996. *Babesia thylacis* (Apicomplexa: Babesiidae) in a northern quoll, *Dasyurus hallucatus* (Marsupialia: Dasyuridae), from Western Australia. J. Helm. Soc. Wash. 63:266-268.

1293. Beadell, J.S., Gering, E., Austin, J., Dumbacher, J.P., Peirce, M.A., Pratt, T.K., Atkinson, C.T. & Fleischer, R.C. 2004. Prevalence and differential host-specificity of two avian blood parasite genera in the Australo-Papuan region. *Mol. Ecol.* 13:3829-3844.
1294. Beatty, J. & Barrs, V. 2003. Acute toxoplasmosis in two cats on cyclosporin therapy. *Aust. Vet. J.* 81:339.
1295. Becher, K.A., Robertson, I.D., Fraser, D.M., Palmer, D.G. & Thompson, R.C.A. 2004. Molecular epidemiology of *Giardia* and *Cryptosporidium* infections in dairy calves originating from three sources in Western Australia. *Vet. Parasitol.* 123:1-9.
1296. Bennett, G.F., Bishop, M.A. & Peirce, M.A. 1993. Checklist of the avian species of *Plasmodium* Marchiafava and Celli, 1885 (Apicomplexa) and their distribution by avian family and Wallacean life zones. *Syst. Parasitol.* 26:171-179.
1297. Volz, J., Varvalho, T.G., Ralph, S.A., Gilson, P., Thompson, J., Tonkin, C.J., Langer, C., Crabb, B.S. & Cowman, A.F. 2010. Potential epigenetic regulatory proteins localise to distinct nuclear sub-compartments in *Plasmodium falciparum*. *Int. J. Parasitol.* 40:109-121.
1298. Bennett, M.D., Woolford, L., O'Hara, A.J., Nicholls, P.K., Warren, K. & Hobbs, R.P. 2006. A new *Eimeria* species parasitic in western barred bandicoots, *Perameles bougainville* (Marsupialia: Peramelidae), in Western Australia. *J. Parasitol.* 92:1292-1294.
1299. Bennett, M.D., Woolford, L., O'Hara, A.J., Nicholls, P.K., Warren, K.S., Friend, J.A. & Swan, R.A. 2007. *Klossiella quimrensis* (Apicomplexa: Klossiellidae) causes renal coccidiosis in western barred bandicoots *Perameles bougainville* (Marsupialia: Peramelidae) in Western Australia. *J. Parasitol.* 93:89-92.
1300. Berchtold, M. & Konig, H. 1995. Phylogenetic position of the two uncultivated trichomonads *Pentatrachomonoides scroa* Kirby and *Metadevescovina extranea* Kirby from the hindgut of the termite *Mastotermes darwiniensis* Froggatt. *Syst. Appl. Microbiol.* 18:567-573.
1301. Berchtold, M., Philippe, H., Breunig, A., Brugerolle, G. & Konig, H. 1994. The phylogenetic position of *Dimastigella trypaniformis* within the parasitic kinetoplastids. *Parasitol. Res.* 80:672-679.
1302. Berthe, F.C.J., LeRoux, F., Adlard, R.D. & Figueras, A. 2004. Marteiliosis in molluscs: a review. *Aquat. Living Resour.* 17:433-448.
1303. Bettiol, S.S., Kettlewell, J.S., Davies, N.J. & Goldsmid, J.M. 1997. Giardiasis in native marsupials of Tasmania. *J. Wildl. Dis.* 33:352-354.
1304. Bettiol, S.S., Obendorf, D.L., Nowarkowski, M. & Goldsmid, J.M. 2000. Pathology of experimental toxoplasmosis in eastern barred bandicoots in Tasmania. *J. Wildl. Dis.* 36:141-144.
1305. Bettiol, S.S., Obendorf, D.L., Nowarkowski, M., Milstein, T. & Goldsmid, J.M. 2000. Earthworms as paratenic hosts of toxoplasmosis in eastern barred bandicoots in Tasmania. *J. Wildl. Dis.* 36:145-148.
1306. Beveridge, I., Presidente, P.J.A. & Speare, R. 1985. Parasites and associated pathology of the swamp wallaby, *Wallabia bicolor* (Marsupialia). *J. Wildl. Dis.* 21:377-385.
1307. Bezemer, B., Butt, D., Nell, J., Adlard, R. & Raftos, D. 2006. Breeding for QX disease resistance negatively selects one form of the defensive enzyme, phenoloxidase, in Sydney rock oysters. *Fish & Shellfish Immunol.* 20:627-636.
1308. Bock, R.E. & de Vos, A.J. 2001. Immunity following use of Australian tick fever vaccine: a review of the evidence. *Aust. Vet. J.* 79:832-839.
1309. Bock, R.E., De Vos, A.J., Kingston, T.G., Shiels, I.A. & Dalgliesh, R.J. 1992. Investigations of breakdowns in protection provided by living *Babesia bovis* vaccine. *Vet. Parasitol.* 43:45-56.
1310. Bock, R.E., Kingston, T.G. & de Vos, A.J. 1999. Effect of breed of cattle on transmission rate and innate resistance to infection with *Babesia bovis* and *B. bigemina* transmitted by *Boophilus microplus*. *Aust. Vet. J.* 77:461-464.
1311. Bock, R.E., Kingston, T.G., Standfast, N.F. & de Vos, A.J. 1999. Effect of cattle breed on innate resistance to inoculations of *Babesia bigemina*. *Aust. Vet. J.* 77:465-466.

1312. Bock, R.E., Lew, A.E., Minchin, C.M., Jeston, P.J. & Jorgensen, W.K. 2000. Application of PCR assays to determine the genotype of *Babesia bovis* parasites isolated from cattle with clinical babesiosis soon after vaccination against tick fever. *Aust. Vet. J.* 78:179-181.
1313. Bondad-Reantaso, M.G., Subasinghe, R.P., Arthur, J.R., Ogawa, K., Chinabut, S., Adlard, R., Tan, Z. & Shariff, M. 2005. Disease and health management in Asian aquaculture. *Vet. Parasitol.* 132:249-272.
1314. Boreham, R.E. & Relf, W.A. 1991. Imported malaria in Australia. *Med. J. Aust.* 155:754-757.
1315. Boulard, Y., Landau, I., Miltgen, F., Baccam, D. & Humphery-Smith, I. 1985. Observations ultrastructurales sur la sporogonie d'*Hepaticystis levinei*, haemoproteide, parasite de chiropteres of Australiens chez *Culicoides nubeculosus*. *Protistologica* 21:93-106.
1316. Bouma, M.J., Smallridge, C.J., Bull, C.M. & Komdeur, J. 2007. Susceptibility to infection by a haemogregarine parasite and the impact of infection in the Australian sleepy lizard *Tiliqua rugosa*. *Parasitol. Res.* 1000:949-954.
1317. Bowater, R.O., Norton, J., Johnson, S., Hill, B., O'Donoghue, P. & Prior, H. 2003. Toxoplasmosis in Indo-Pacific humpbacked dolphins (*Sousa chinensis*), from Queensland. *Aust. Vet. J.* 81:627-632.
1318. Bowden, F.J., Paterson, B.A., Mein, J., Savage, J., Fairley, C.K., Garland, S.M. & Tabrizi, S.N. 1999. Estimating the prevalence of *Trichomonas vaginalis*, *Chlamydia trachomatis*, *Neisseria gonorrhoeae*, and human papillomavirus infection in indigenous women in northern Australia. *Sex. Trans. Inf.* 75:431-434.
1319. Bower, S.M. 2000. Infectious diseases of abalone (*Haliotis* spp.) and risks associated with transplantation. *Can. Spec. Publ. Fish. Aq. Sci.* 130:111-122.
1320. Bower, S.M. 2003. Update on emerging abalone diseases and techniques for health assessment. *J. Shellfish Res.* 22:805-810.
1321. Breunig, A., Konig, H., Brugerolle, G., Vickerman, K. & Hertel, H. 1993. Isolation and ultrastructural features of a new strain of *Dimastigella trypaniformis* Sandon 1928 (Bodonina, Kinetoplastida and comparison with a previously isolated strain. *Eur. J. Protistol.* 29:416-424.
1322. Bridle, A.R., Butler, R. & Nowak, B.F. 2003. Immunostimulatory CpG oligodeoxynucleotides increase resistance against amoebic gill disease in Atlantic salmon, *Salmo salar* L. *J. Fish Dis.* 26:367-371.
1323. Brookes, D.L., Ritchie, S.A., Van Den Hurk, A.F., Fielding, J.R. & Loewenthal, M.R. 1997. *Plasmodium vivax* malaria acquired in far north Queensland. *Med. J. Aust.* 166:82-83.
1324. Browne, R.K., Scheltinga, D.M., Pomeroy, M. & Mahony, M. 2002. Testicular myxosporidiasis in anurans, with a description of *Myxobolus fallax* n. sp. *Syst. Parasitol.* 52:97-110.
1325. Brugerolle, G. 1999. Fine structure of *Pseudotrypanosoma giganteum* of *Porotermes*, a trichomonad with a contractile costa. *Eur. J. Protistol.* 35:121-128.
1326. Brugerolle, G. 2001. Morphological characters of spirotrichonymphids: *Microjoenia*, *Spirotrichonymphella* and *Spirotrichonympha* symbionts of the Australian termite *Porotermes grandis*. *Eur. J. Protistol.* 37:103-117.
1327. Brugerolle, G., Breunig, A. & Konig, H. 1994. Ultrastructural study of *Pentatrichomonoides* sp., a trichomonad flagellate from *Mastotermes darwiniensis*. *Eur. J. Protistol.* 30:372-378.
1328. Bryant, M.S., Lester, R.J.G. & Whittington, R.J. 1995. Immunogenicity of amoebic antigens in rainbow trout, *Oncorhynchus mykiss* (Walbaum). *J. Fish Dis.* 18:9-19.
1329. Bucens, I.K. & King, R.O.P. 2000. *Isospora belli* infection and chronic electrolyte disturbance in a child with fetal alcohol syndrome. *Med. J. Aust.* 173:252-255.
1330. Buckley, R., Clough, E. & Vogt, S. 1997. Immunologically confirmed human-infective *Giardia* from two marsupials. *Ambio* 26:554-555.
1331. Buenviaje, G.N., Ladds, P.W., Melville, L. & Manolis, S.C. 1994. Disease-husbandry associations in farmed crocodiles in Queensland and the Northern Territory. *Aust. Vet. J.* 71:165-173.
1332. Bugg, R.J., Robertson, I.D., Elliot, A.D. & Thompson, R.C.A. 1999. Gastrointestinal parasites of urban dogs in Perth, Western Australia. *Vet. J.* 157:295-301.

1333. Burger, M.A.A., Cribb, T.H. & Adlard, R.D. 2007. Patterns of relatedness in the Kudoidae with descriptions of *Kudoa chaetodoni* n. sp. and *K. lethrini* n. sp. (Myxosporea: Multivalvulida). *Parasitol.* 134:669-681.
1334. Ryan, U. 2010. *Cryptosporidium* in birds, fish and amphibians. *Expt. Parasitol.* 124:113-120.
1335. Butcher, G.A. 1990. *In vitro* responses of human peripheral blood mononuclear cells to *Plasmodium falciparum* antigen. *Int. J. Parasitol.* 20:211-216.
1336. Callow, L.L., Dalgliesh, R.J. & De Vos, A.J. 1997. Development of effective living vaccines against bovine babesiosis - the longest field trial? *Int. J. Parasitol.* 27:747-767.
1337. Cameron, S., O'Donoghue, P. & Adlard, R. 2000. First record of *Cycloposthium edentatum* Strelkow, 1928 from the black-striped wallaby, *Macropus dorsalis*. *Parasitol. Res.* 86:158-162.
1338. Cameron, S.L., O'Donoghue, P.J. & Adlard, R.D. 2000. Novel isotrichid ciliates endosymbiotic in Australian macropodid marsupials. *Syst. Parasitol.* 46:45-57.
1339. Cameron, S.L. & O'Donoghue, P.J. 2001. Stomatogenesis in the ciliate genus *Macropodinium* Dehority, 1996 (Litostomatea: Macropodiniidae). *Eur. J. Protistol.* 37:199-206.
1340. Cameron, S.L., Adlard, R.D. & O'Donoghue, P.J. 2001. Evidence for an independent radiation of endosymbiotic litostome ciliates within Australian marsupial herbivores. *Mol. Phylogen. Evol.* 20:302-310.
1341. Cameron, S.L., O'Donoghue, P.J. & Adlard, R.D. 2001. Four new species of *Macropodinium* (Ciliophora: Litostomatea) from Australian wallabies and pademelons. *J. Euk. Microbiol.* 48:542-555.
1342. Cameron, S.L. & O'Donoghue, P.J. 2002. The ultrastructure of *Amylovorax dehorityi* comb. nov. and erection of the Amylovoracidae fam. nov. (Ciliophora: Trichostomatia). *Eur. J. Protistol.* 38:29-44.
1343. Cameron, S.L. & O'Donoghue, P.J. 2002. The ultrastructure of *Macropodinium moiri* and revised diagnosis of the Macropodiniidae (Litostomatea: Trichostomatia). *Eur. J. Protistol.* 38:179-194.
1344. Cameron, S.L., O'Donoghue, P.J. & Adlard, R.D. 2002. Species diversity within *Macropodinium* (Litostomatea: Trichostomatia): endosymbiotic ciliates from Australian macropodid marsupials. *Mem. Qld. Museum* 48:49-69.
1345. Cameron, S.L. & O'Donoghue, P.J. 2002. Trichostome ciliates from Australian marsupials. I. *Bandia* gen. nov. (Litostomatea: Amylovoracidae). *Eur. J. Protistol.* 38:405-429.
1346. Cameron, S.L. & O'Donoghue, P.J. 2003. Trichostome ciliates from Australian marsupials. II. *Polycosta* gen. nov. (Litostomatea: Polycostidae fam. nov.). *Eur. J. Protistol.* 39:83-99.
1347. Cameron, S.L. & O'Donoghue, P.J. 2003. Trichostome ciliates from Australian marsupials. III. *Megavestibulum* gen. nov. (Litostomatea: Macropodiniidae). *Eur. J. Protistol.* 39:123-137.
1348. Cameron, S.L. & O'Donoghue, P.J. 2003. Trichostome ciliates from Australian marsupials. IV. Distribution of the ciliate fauna. *Eur. J. Protistol.* 39:139-147.
1349. Cameron, S.L. 2003. Taxonomy and phylogeny of endosymbiotic ciliates (Ciliophora: Litostomatea) associated with Australian herbivorous marsupials. *Int. J. Parasitol.* 33:347-355.
1350. Cameron, S.L., Wright, A-D.G. & O'Donoghue, P.J. 2003. An expanded phylogeny of the Entodiniomorpha (Ciliophora: Litostomatea). *Acta Protozoologica* 42:1-6.
1351. Cameron, S.L. & O'Donoghue, P.J. 2003. *Pseudotrypanosoma elphinstoniae* sp. n., a trichomonad symbiotic in *Schedorhinotermes* (Isoptera: Rhinotermitidae). *Acta Protozoologica* 42:223-230.
1352. Cameron, S.L. & O'Donoghue, P.J. 2004. Morphometric and cladistic analyses of the phylogeny of *Macropodinium* (Ciliophora: Litostomatea: Macropodiniidae). *Acta Protozoologica* 43:43-53.
1353. Cameron, S.L. & O'Donoghue, P.J. 2004. Phylogeny and biogeography of the "Australian" trichostomes (Ciliophora: Litostomata). *Protist* 155:215-235.
1354. Campbell, S.F., Wynne, J.M. & McCormack, J.G. 1992. Severe amoebic colitis requiring colonic resection. *Aust. N. Z. J. Surg.* 62:405-407.
1355. Canfield, P.J. & Hartley, W.J. 1992. A survey and review of hepatobiliary lesions in Australian macropods. *J. Comp. Pathol.* 107:147-167.

1356. Canning, E.U., Field, A.S., Hing, M.C. & Marriott, D.J. 1994. Further observations on the ultrastructure of *Septata intestinalis* Cali, Kotler and Orenstein, 1993. *Eur. J. Protistol.* 30:414-422.
1357. Carlisle, M.S., Snowden, K., Gill, J., Jones, M., O'Donoghue, P. & Prociv, P. 2002. Microsporidiosis in a Gouldian finch (*Erythrura [Chloebia] gouldiae*). *Aust. Vet. J.* 80:41-44.
1358. Caudell, J.N., Whittier, J. & Conover, M.R. 2002. The effects of haemogregarine-like parasites on brown tree snakes (*Boiga irregularis*) and slatey-grey snakes (*Stegonotus cucullatus*) in Queensland, Australia. *Int. Biodeterior. Biodegrad.* 49:113-119.
1359. Chalmers, R.M., Ferguson, C., Caccio, S., Gasser, R.B., El-Osta, Y.G.A., Heijnen, L., Xiao, L., Elwin, K., Hadfield, S., Sinclair, M. & Stevens, M. 2005. Direct comparison of selected methods for genetic categorisation of *Cryptosporidium parvum* and *Cryptosporidium hominis* species. *Int. J. Parasitol.* 35:397-410.
1360. Clamp, J.C. & Kane, J.R. 2003. Redescription of four species of lagenophryid peritrichs (Ciliophora) from Australia and New Guinea, with descriptions of two new species. *Rec. Aust. Mus.* 55:153-168.
1361. Clark P., Holz P. & Spratt D.M. 2005. *Hepatozoon tachyglossi* sp. nov. (Haemogregarinidae), a protozoan parasite from the blood of a short-beaked echidna, *Tachyglossus aculeatus*. *Trans. Roy. Soc. S.A.* 129:49-52.
1362. Clark, A. & Nowak, B.F. 1999. Field investigations of amoebic gill disease in Atlantic salmon, *Salmo salar* L., in Tasmania. *J. Fish Dis.* 22:433-443.
1363. Clark, A., Nowak, B., Handlinger J., Munday, B.L. & Percival, S. 1997. Clubbing and necrosis gill (CNG) syndrome in sea-caged Atlantic salmon, *Salmo salar* L., in Tasmania: an initial report. *J. Fish Dis.* 20:59-68.
1364. Clements, K.D. 1991. Endosymbiotic communities of two herbivorous labroid fishes, *Odax cyanomelas* and *O. pullus*. *Marine Biol.* 109:223-230.
1365. Cleveland, L.R. & Day, M. 1958. Spirotrichonymphidae of *Stolotermes*. *Arch. Protistenkd.* 103:1-53.
1366. Cleveland, L.R. & Grimstone, A.V. 1964. The fine structure of the flagellate *Mixotricha paradoxa* and its associated micro-organisms. *Proc. Roy. Soc. London, B. Biol. Sci.* 159:668-686.
1367. Cleveland, L.R. 1923. Correlation between the food and morphology of termites and the presence of intestinal protozoa. *Am. J. Hyg.* 3:444-461.
1368. Cleveland, L.R. 1966. General features and reproduction in *Koruga bonita*, gen. et sp. nov. *Arch. Protistenkd.* 109:18-23.
1369. Cleveland, L.R. 1966. General features and reproduction in *Mixotricha*. *Arch. Protistenkd.* 109:26-36.
1370. Cleveland, L.R. 1966. General features of the flagellate and amoeboid stages of *Deltotrichonympha operculata* and *D. nana*, sp. nov. *Arch. Protistenkd.* 109:1-7.
1371. Coatney, G.R. 1936. A check-list and host-index of the genus *Haemoproteus*. *J. Parasitol.* 22:88-104.
1372. Collins, G.H., Whittington, R.J. & Canfield, P.J. 1986. *Theileria ornithorhynchi* Mackerras, 1959 in the platypus, *Ornithorhynchus anatinus*. *J. Wildl. Dis.* 22:19-24.
1373. Combes, V., Coltel, N., Faille, D., Wassmer, S.C. & Grau, G.E. 2006. Cerebral malaria: role of microparticles and platelets in alterations of the blood-brain barrier. *Int. J. Parasitol.* 36:541-546.
1374. Connolly, J.H., Obendorf, D.L. & Whittington, R.J. 1999. Haematological, serum biochemical and serological features of platypuses with and without mycotic granulomatous dermatitis. *Aust. Vet. J.* 77:809-813.
1375. Cook, R.A. & Shannon, J. 1980. Malaria in southeast Queensland in 1979. *Med. J. Aust.* 1:670-673.
1376. Court, R.A., Jackson, L.A. & Lee, R.P. 2001. Elevated anti-parasitic activity in peripheral blood monocytes and neutrophils of cattle infected with *Babesia bovis*. *Int. J. Parasitol.* 19:29-37.
1377. Dalrymple, B.P., Casu, R.E., Peters, J.M., Dimmock, C.M., Gale, K.R., Boese, R. & Wright, I.G. 1993. Characterisation of a family of multi-copy genes encoding rhostry protein homologues in *Babesia bovis*, *Babesia ovis* and *Babesia canis*. *Mol. Biochem. Parasitol.* 57:181-192.

1378. Dalrymple, B.P., Dimmock, C.M., Parrodi, F. & Wright, I.G. 1992. *Babesia bovis*, *Babesia bigemina*, *Babesia canis*, *Babesia microti* and *Babesia rodhaini*: comparison of ribosomal RNA gene organization. *Int. J. Parasitol.* 22:851-855.
1379. Dalrymple, B.P. 1993. Molecular variation and diversity in candidate vaccine antigens from *Babesia*. *Acta Trop.* 53:227-238.
1380. Davies, A.J. & Johnston, M.R.L. 2000. The biology of some intraerythrocytic parasites of fishes, amphibia and reptiles. *Adv. Parasitol.* 45:1-109.
1381. Dehority, B.A. 1997. Rumen ciliate protozoa in Australian red deer (*Cervus elaphus* L.). *Arch. Protistenkd.* 148:157-165.
1382. Delvinquier, B.L.J. & Freeland, W.J. 1989. On some trypanosomes of the Australian Anura. *Proc. Roy. Soc. Qld.* 100:79-88.
1383. Delvinquier, B.L.J. 1988. On some Nyctotheridae of the Australian Anura with a description of *Nyctotheroides raffae* n. sp. *Proc. Roy. Soc. Qld.* 99:21-34.
1384. Delvinquier, B.L.J. 1989. Occurrence of the protozoans, *Lankesterella hylae* and *Haemogregarina* sp., in the blood of the green tree frog, *Litoria caerulea*. *Mem. Qld. Mus.* 27:267-274.
1385. Delvinquier, B.L.J. 1994. Further studies on *Zelleriella camusi* and *Z. devincki* (Protozoa: Opalinidae) from *Limnodynastes* (Anura: Myobatrachidae) in Australia. *Proc. Roy. Soc. Qld.* 104:79-83.
1386. Denholm, K.M., Haitjema, H., Gwynne, B.J., Morgan, U.M. & Irwin, P.J. 2001. Concurrent *Cryptosporidium* and parvovirus infections in a puppy. *Aust. Vet. J.* 79:98-101.
1387. Dore, G.J., Li, Y., McDonald, A. & Kaldor, J.M. 2001. Spectrum of AIDS-defining illnesses in Australia, 1992 to 1998: influence of country/region of birth. *J. Acq. Imm. Def. Syndr.* 26:283-290.
1388. Douglas-Helders, G.M., Dawson, D.R., Carson, J. & Nowak, B.F. 2002. Wild fish are not a significant reservoir for *Neoparamoeba pemaquidensis* (Page, 1987). *J. Fish Dis.* 25:569-574.
1389. Douglas-Helders, G.M., Handlinger, J., Carson, J. & Nowak, B.F. 2003. Assessment over time of the infectivity of gill-derived and seawater dispersed *Neoparamoeba pemaquidensis* (Page, 1987). *Bull. Eur. Ass. Fish Pathol.* 23:35-39.
1390. Douglas-Helders, G.M., O'Brien, D.P., McCorkell, B.E., Zilberg, D., Gross, A., Carson, J. & Nowak, B.F. 2003. Temporal and spatial distribution of paramoebae in the water column - a pilot study. *J. Fish Dis.* 26:231-240.
1391. Douglas-Helders, G.M., Saksida, S., Raverty, S. & Nowak, B.F. 2001. Temperature as a risk factor for outbreaks of amoebic gill disease in farmed Atlantic salmon (*Salmo salar*). *Bull. Eur. Ass. Fish Pathol.* 21:114-116.
1392. Douglas-Helders, G.M., Tan, C., Carson, J. & Nowak, B.F. 2003. Effects of copper-based antifouling treatment on the presence of *Neoparamoeba pemaquidensis* Page, 1987 on nets and gills of reared Atlantic salmon (*Salmo salar*). *Aquaculture* 221:13-22.
1393. Dove, A.D.M. & O'Donoghue, P.J. 2005. Trichodinids (Ciliophora: Trichodinidae) from native and exotic Australian freshwater fishes. *Acta Protozool.* 44:51-60.
1394. Dubey, J.P. & Hamir, A.N. 2002. Experimental toxoplasmosis in budgerigars (*Melopsittacus undulatus*). *J. Parasitol.* 88:514-519.
1395. Dubey, J.P. & Hartley, W.J. 1993. Disseminated coccidiosis in short-beaked echidnas (*Tachyglossus aculeatus*) from Australia. *J. Vet. Diagn. Invest.* 5:483-488.
1396. Dubey, J.P. 2002. A review of toxoplasmosis in wild birds. *Vet. Parasitol.* 106:121-153.
1397. Dubey, J.P., Hedstrom, O., Machado, C.R. & Osborn, K.G. 1991. Disseminated toxoplasmosis in a captive koala (*Phascolarctos cinereus*). *J. Zoo & Wildl. Med.* 22:348-350.
1398. Dubey, J.P., Ross, A.D. & Fritz, D. 2003. Clinical *Toxoplasma gondii*, *Hammondia heydorni*, and *Sarcocystis* spp. infections in dogs. *Parassitologia* 45:141-146.
1399. Duda, A., Stenzel, D.J. & Boreham, P.F.L. 1998. Detection of *Blastocystis* sp. in domestic dogs and cats. *Vet. Parasitol.* 76:9-17.

1400. Dunn, L.A., Upcroft, J.A., Fowler, E.V., Matthews, B.S. & Upcroft, P. 2001. Orally administered *Giardia duodenalis* extracts enhance an antigen-specific antibody response. *Infect. Immun.* 69:6503-6510.
1401. Dunne, R.L., Dunn, L.A., Upcroft, P., O'Donoghue, P. & Upcroft, J.A. 2003. Drug resistance in the sexually transmitted protozoan *Trichomonas vaginalis*. *Cell Res.* 13:239-249.
1402. Dykova, I., Nowak, B.F., Crosbie, P.B.B., Fiala, I., Peckova, H., Adams, M.B., Machackova, B. & Dvorakova, H. 2005. *Neoparamoeba branchiphila* n.sp., and related species of the genus *Neoparamoeba* Page, 1987: morphological and molecular characterization of selected strains. *J. Fish Dis.* 28:49-64.
1403. Edgerton, B.F. & Owens, L. 1999. Histopathological surveys of the redclaw freshwater crayfish, *Cherax quadricarinatus*, in Australia. *Aquaculture* 180:23-40.
1404. Edwards, P., Wodak, A., Cooper, D.A., Thompson, I.L. & Penny, R. 1990. The gastrointestinal manifestations of AIDS. *Aust. N.Z. J. Med.* 20:141-148.
1405. Evans, B.B & Lester, R.J.G. 2001. Parasites of ornamental fish imported into Australia. *Bull. Eur. Ass. Fish Pathol.* 21:52-55.
1406. Ey, P.L. & Mayrhofer, G. 1993. Two genes encoding homologous 70-kDa surface proteins are present within individual trophozoites of the binucleate protozoan parasite *Giardia intestinalis*. *Gene* 129:257-262.
1407. Ey, P.L., Bruderer, T., Wehrli, C. & Koehler, P. 1996. Comparison of genetic groups determined by molecular and immunological analyses of *Giardia* isolated from animals and humans in Switzerland and Australia. *Parasitol. Res.* 82:52-60.
1408. Fahrimal, Y., Goff, W.L. & Jasmer, D.P. 1992. Detection of *Babesia bovis* carrier cattle by using polymerase chain reaction amplification of parasite DNA. *J. Clin. Microbiol.* 30:1374-1379.
1409. Field, A.S. 2002. Light microscopic and electron microscopic diagnosis of gastrointestinal opportunistic infections in HIV-positive patients. *Pathol.* 34:21-35.
1410. Field, A.S., Hing, M.C., Milliken, S.T. & Marriott, D.J. 1993. Microsporidia in the small intestine of HIV-infected patients. A new diagnostic technique and a new species. *Med. J. Aust.* 158:390-394.
1411. Field, A.S., Marriott, D.J. & Hing, M.C. 1993. The Warthin-Starry stain in the diagnosis of small intestinal microsporidiosis in HIV-infected patients. *Fol. Parasitologica* 40:261-266.
1412. Findlay, V.L. & Munday, B.L. 1998. Further studies on acquired resistance to amoebic gill disease (AGD) in Atlantic salmon, *Salmo salar* L. *J. Fish Dis.* 21:121-125.
1413. Findlay, V.L., Zilberg, D. & Munday, B.L. 2000. Evaluation of levamisole as a treatment for amoebic gill disease of Atlantic salmon, *Salmo salar* L. *J. Fish Dis.* 23:193-198.
1414. Finkelman, S. & Paperna, I. 2002. The endogenous development of four new species of *Isoospora* Schneider, 1881 (Apicomplexa: Eimeriidae) from Australian geckos. *Syst. Parasitol.* 51:59-71.
1415. Fisher, R. 2003. Ciliate hitch-hikers: nematode ecto-commensals from tropical Australian sea grass meadows. *J. Mar. Biol. Ass. U.K.* 83:445-446.
1416. Flint, J.A., Dobson, P.J. & Robinson, B.S. 2003. Genetic analysis of forty isolates of *Acanthamoeba* group III by multilocus isoenzyme electrophoresis. *Acta Protozool.* 42:317-324.
1417. Jeffries, R., Ryan, U.M., Jardine, J., Broughton, D.K., Robertson, I.D. & Irwin, P.J. 2007. Blood, bull terriers and babesiosis: further evidence for direct transmission of *Babesia gibsoni* in dogs. *Aust. Vet. J.* 85:459-463.
1418. Fotedar, R., Stark, D., Beebe, N., Marriott, D., Ellis, J. & Harkness, J. 2007. PCR detection of *Entamoeba histolytica*, *Entamoeba dispar*, and *Entamoeba moshkovskii* in stool samples from Sydney, Australia. *J. Clin. Microbiol.* 45:1035-1037.
1419. Frost, F.J., Muller, T.B., Fairley, C.K., Hurley, J.S., Craun, G.F. & Calderon, R.L. 2000. Serological evaluation of *Cryptosporidium* oocyst findings in the water supply for Sydney, Australia. *Int. J. Env. Hlth. Res.* 10:35-40.
1420. Gale, K.R., Leatch, G., Dimmock, C.M. & Gartside, M.G. 1997. Increased resistance to *Anaplasma marginale* infection in cattle chronically infected with *Theileria buffeli* (syn. *T. orientalis*). *Vet. Parasitol.* 69:187-196.

1421. Gardiner, C.H. & Imes, G.D. 1984. *Cryptosporidium* sp. in the kidneys of a black-throated finch. J. Am. Vet. Med. Ass. 185:1401-1402.
1422. Garrow, S.C., Smith, D.W. & Harnett, G.B. 2002. The diagnosis of *Chlamydia*, gonorrhoea, and *Trichomonas* infections by self obtained low vaginal swabs, in remote northern Australian clinical practice. Sex. Trans. Inf. 78:278-281.
1423. Gartrell, B.D., O'Donoghue, P. & Radial, S.R. 2000. *Eimeria dunsingi* in free living musk lorikeets (*Glossopsitta concinna*). Aust. Vet. J. 78:717-718.
1424. Gebauer, A., McGhee, C.N.J. & Crawford, G.J. 1996. Severe microbial keratitis in temperate and tropical Western Australia. Eye 10:575-580.
1425. Gill, J.S. & Jones, H.I. 1985. Intestinal parasites and bacteria in Aboriginal children in south west Australia. Aust. Paediatr. J. 21:45-49.
1426. Gillieatt, S.J., Mallal, S.A., French, M.A.H. & Dawkins, R.L. 1992. Epidemiology of late presentation of HIV infection in Western Australia. Med. J. Aust. 157:117-118.
1427. Gleeson, D.J. 1999. Experimental infection of striped marshfrog tadpoles (*Limnodynastes peronii*) by *Ichthyophthirius multifiliis*. J. Parasitol. 85:568-570.
1428. Gleeson, D.J., McCallum, H.I. & Owens, I.P.F. 2000. Differences in initial and acquired resistance to *Ichthyophthirius multifiliis* between populations of rainbowfish. J. Fish Biol. 57:466-475.
1429. Godfrey, S.S., Bull, C.M., Murray, K. & Gardner, M.G. 2006. Transmission mode and distribution of parasites among groups of the social lizard *Egernia stokesii*. Parasitol. Res. 99:223-230.
1430. Godfrey, S.S., Bull, C.M. & Gardner, M.G. 2006. Associations between blood parasite infection and a microsatellite DNA allele in an Australian scincid lizard (*Egernia stokesii*). Parasitol. Res. 100:107-109.
1431. Goggin, C.L. & Lester, R.J.G. 1995. *Perkinsus*, a protistan parasite of abalone in Australia: a review. Mar. Freshw. Res. 46:639-646.
1432. Golenser, J., McQuillan, J., Lee, L., Mitchell, A.J. & Hunt, N.H. 2006. Conventional and experimental treatment of cerebral malaria. Int. J. Parasitol. 36:583-593.
1433. Goodwin, M.A. & Krabill, V.A. 1989. Diarrhea associated with small-intestinal cryptosporidiosis in a budgerigar and in a cockatiel. Avian Dis. 33:829-833.
1434. Gracey, M., Burke, V. & Robinson, J. 1983. Patterns of intestinal infection in Australian Aboriginal children. Ann. Trop. Paediatr. 3:35-40.
1435. Grassi, B. 1917. Flagellati viventi nei termiti. Atti della reale accademia dei Lincei memoirie classe di science, fiziche, mathamatiche e naturali, series 5. 12:331-394 (+ 10 plates).
1436. Green, J.D. & Shiel, R.J. 2000. Mobiline peritrich riders on Australian calanoid copepods. Hydrobiologia 437:203-212.
1437. Green, P.H.R. 1997. Amoebiasis incidence at Royal North Shore Hospital, Sydney. Med. J. Aust. 1:11-13.
1438. Grimmond, T.R., Radford, A.J., Brownridge, T., Farshid, A., Harris, C., Turton, P. & Wordsworth, K. 1988. *Giardia* carriage in Aboriginal and non-Aboriginal children attending urban day-care centres in South Australia. Aust. Paediatr. J. 24:304-305.
1439. Gross, K., Carson, J. & Nowak, B. 2004. Presence of anti-*Neoparamoeba* sp. antibodies in Tasmanian cultured Atlantic salmon, *Salmo salar* L. J. Fish Dis. 27:81-88.
1440. Gross, K.A., Morrison, R.N., Butler, R. & Nowak, B.F. 2004. Atlantic salmon, *Salmo salar* L., previously infected with *Neoparamoeba* sp. are not resistant to re-infection and have suppressed phagocyte function. J. Fish Dis. 27:47-56.
1441. Grossel, G.W., Dykova, I., Handlinger, J. & Munday, B.L. 2003. *Pentacapsula neurophila* sp. n. (Multivalvulida) from the central nervous system of striped trumpeter, *Latris lineata* (Forster). J. Fish Dis. 26:315-320.
1442. Groves, V.J., Lehmann, D. & Gilbert, G.L. 1994. Seroepidemiology of cryptosporidiosis in children in Papua New Guinea and Australia. Epid. Inf. 113:491-499.
1443. Gunter, N.L., Cribb, T.H., Whipps, C.M. & Adlard, R.D. 2006. Characterization of *Kudoa monodactyli* n.sp. (Myxosporea: Multivalvulida) from the muscle of *Monodactylus argenteus*

- (Teleostei: Monodactylidae) from Moreton Bay, Queensland, Australia. *J. Euk. Microbiol.* 53:374-378.
1444. Saville-Kent, W. 1885. Notes on the infusorial parasites of the Tasmanian white ant. *Papers and Proceedings of the Royal Society of Tasmania for 1884*, pp. 270-273.
1445. Hallett, S.L. & Diamant, A. 2001. Ultrastructure and small-subunit ribosomal DNA sequence of *Henneguya lesteri* n.sp. (Myxosporidia), a parasite of sand whiting *Sillago analis* (Sillaginidae) from the coast of Queensland, Australia. *Dis. Aquat. Org.* 46:197-212.
1446. Hallett, S.L. & Lester, R.J.G. 1999. Actinosporeans (Myxozoa) with four developing spores within a pansporocyst: *Tetraspora discoidea* n.g. n.sp. and *Tetraspora rotundum* n.sp. *Int. J. Parasitol.* 29:419-427.
1447. Hallett, S.L., Erseus, C. & Lester, R.J.G. 1999. Actinosporeans (Myxozoa) from marine oligochaetes of the Great Barrier Reef. *Syst. Parasitol.* 44:49-57.
1448. Hallett, S.L., Erseus, C., O'Donoghue, P.J. & Lester, R.J.G. 2001. Parasite fauna of Australian marine oligochaetes. *Mem. Qld. Mus.* 46:555-576.
1449. Hamerton, A.E. 1934. *Toxoplasma wenyoni* in the brain of a Mitchell's wombat (*Phascolum mitchelli*). *Trans. Roy. Soc. Trop. Med. Hyg.* 28:2.
1450. Hamilton, P.B., Stevens, J.R., Gidley, J., Holz, P. & Gibson, W.C. 2005. A new lineage of trypanosomes from Australian vertebrates and terrestrial bloodsucking leeches (Haemadipsidae). *Int. J. Parasitol.* 35:431-443.
1451. Hamzah, J., Batty, K.T., Davis, W.A., Mori, T.A., Ching, S.Y.L., Croft, K.D. & Davis, T.M.E. 2007. Retinol supplementation in murine *Plasmodium berghei* malaria: effects on tissue levels, parasitaemia and lipid peroxidation. *Int. J. Parasitol.* 37:525-537.
1452. Hand, R.E., Nell, J.A., Smith, I.R. & Maguire, G.B. 1998. Studies on triploid oysters in Australia. XI. Survival of diploid and triploid Sydney rock oysters (*Saccostrea commercialis* (Iredale and Roughley)) through outbreaks of winter mortality caused by *Mikrocytos roughleyi* infestation. *J. Shellfish Res.* 17:1129-1135.
1453. Harrigan, K.E. 1992. Causes of mortality of little penguins *Eudyptula minor* in Victoria. *Emu* 91:273-277.
1454. Hartley, W.J. 1992. Some lethal avian protozoan diseases of native birds in eastern Australia. *Tydskr. Sth. Afr. vet. Ver.* 63:90.
1455. Hartley, W.J. 1993. Central nervous system disorders in the brush-tail possum in eastern Australia. *N. Z. Vet. J.* 33:44-45.
1456. Harvell, C.D., Kim, K., Burkholder, J.M., Colwell, R.R., Epstein, P.R., Grimes, D.J., Hofmann, E.E., Lipp, E.K., Osterhaus, A.D.M.E., Overstreet, R.M., Porter, J.W., Smith, G.W. & Vasta, G.R. 1999. Emerging marine diseases - climatic links and anthropogenic factors. *Science* 285:1505-1510.
1457. Hellard, M.E., Sinclair, M.I., Hogg, G.G. & Fairley, C.K. 2000. Prevalence of enteric pathogens among community based asymptomatic individuals. *J. Gastroenterol. Hepatol.* 15:290-293.
1458. Hijjawi, N.S., Meloni, B.P., Ng'anzo, M., Ryan, U.M., Olson, M.E., Cox, P.T., Monis, P.T. & Thompson, R.C.A. 2004. Complete development of *Cryptosporidium parvum* in host cell-free culture. *Int. J. Parasitol.* 34:769-777.
1459. Hine, P.M. & Thorne, T. 1998. *Haplosporidium* sp. (Haplosporidia) in hatchery-reared pearl oysters, *Pinctada maxima* (Jameson, 1901), in north Western Australia. *J. Invert. Pathol.* 71:48-52.
1460. Hine, P.M. & Thorne, T. 2000. A survey of some parasites and diseases of several species of bivalve mollusc in northern Western Australia. *Dis. Aquat. Org.* 40:67-78.
1461. Hine, P.M. & Thorne, T. 2002. *Haplosporidium* sp. (Alveolata: Haplosporidia) associated with mortalities among rock oysters *Saccostrea cucullata* in north Western Australia. *Dis. Aquat. Org.* 51:123-133.
1462. Hine, P.M. 1996. Southern hemisphere mollusc diseases and an overview of associated risk assessment problems. *Rev. Sci. Tech. Off. Int. Epizoot.* 15:563-577.

1463. Hobbs, R.P., Twigg, L.E., Elliot, A.D. & Wheeler, A.G. 1999. Evaluation of the association of parasitism with mortality of wild European rabbits *Oryctolagus cuniculus* (L.) in southwestern Australia. *J. Parasitol.* 85:803-808.
1464. Hobbs, R.P., Twigg, L.E., Elliot, A.D. & Wheeler, A.G. 1999. Factors influencing the fecal egg and oocyst counts of parasites of wild European rabbits *Oryctolagus cuniculus* (L.) in southern Western Australia. *J. Parasitol.* 85:796-802.
1465. Hollande, A. 1986. Morphologie, ultrastructure et affinités de *Deltotrichonympha operculata* Sutherland (1953) symbionte du termite Australien *Mastotermes darwiniensis* Frogatt. *Protistologica* 22:415-439.
1466. Honigberg, B.M. 1963. Evolutionary and systematic relationships in the flagellate order Trichomonadida Kirby. *J. Protozool.* 10:20-63.
1467. Honigberg, B.M. 1970. Protozoa associated with termites and their role in digestion. In: *Biology of Termites*, Krishna, K. & Weesner, F.M. eds., Academic Press, New York, vol. 2, pp. 1-36.
1468. Howlett, C.R. 1974. Coccidiosis in kangaroos. *Aust. Vet. Practit.* 4:154-155.
1469. Austen, J., Jeffries, R., Friend, T., Adams, P., Ryan, U. & Reid, S.A. 2009. Morphological and molecular characterisation of *Trypanosoma copemani* n. sp. (Trypanosomatidae) isolated from Gilbert's potoroo (*Potorous gilbertii*) and quokka (*Setonix brachyurus*). *Parasitology* 136:783-792.
1470. Hudson, D.A., Hudson, N.B. & Pyecroft, S.B. 2001. Mortalities of *Penaeus japonicus* prawns associated with microsporidian infection. *Aust. Vet. J.* 79:504-505.
1471. Hum, S., Barton, N.J., Obendorf, D. & Barker, I.K. 1991. Coccidiosis in common wombats (*Vombatus ursinus*). *J. Wildl. Dis.* 27:697-700.
1472. Hunt, N.H., Golenser, J., Chan-Ling, T., Parekh, S., Rae, C., Potter, S., Medana, I.M., Miu, J. & Ball, H.J. 2006. Immunopathogenesis of cerebral malaria. *Int. J. Parasitol.* 36:569-582.
1473. Hunter, P.R. & Thompson, R.C.A. 2005. The zoonotic transmission of *Giardia* and *Cryptosporidium*. *Int. J. Parasitol.* 35:1181-1190.
1474. Jacobson, E.R., Gardiner, C.H., Nicholson A. & Page, C.D. 1984. *Sarcocystis* encephalitis in a cockateil. *J. Am. Vet. Med. Ass.* 185:904-906.
1475. Jacobson, E.R., Green, D.E., Undeen, A.H., Cranfield, M. & Vaughn, K.L. 1998. Systemic microsporidiosis in inland bearded dragons (*Pogona vitticeps*). *J. Zoo & Wildl. Med.* 29:315-323.
1476. Jakes, K., O'Donoghue, P.J. & Cameron, S.L. 2003. Phylogenetic relationships of *Hepatozoon* (*Haemogregarina*) *boigae*, *Hepatozoon* sp., *Haemogregarina clelandi* and *Haemoproteus chelodina* from Australian reptiles to other Apicomplexa based on cladistic analyses of ultrastructural and life-cycle characters. *Parasitol.* 126:555-559.
1477. Jakes, K.A., O'Donoghue, P., Munro, M. & Adlard, R. 2001. Hemoprotozoa of freshwater turtles in Queensland. *J. Wildl. Dis.* 37:12-19.
1478. Jakes, K.A., O'Donoghue, P.J. & Adlard, R.D. 2001. Phylogenetic relationships of *Trypanosoma chelodina* and *Trypanosoma binneyi* from Australian tortoises and platypuses inferred from small subunit rRNA analyses. *Parasitol.* 123:483-487.
1479. Jakes, K.A., O'Donoghue, P.J. & Whittier, J. 2003. Ultrastructure of *Hepatozoon boigae* (Mackerras, 1961) nov. comb. from brown tree snakes, *Boiga irregularis*, from northern Australia. *Parasitol. Res.* 90:225-231.
1480. Jefferies, R., Ryan, U.M., Muhlneckel, C.J. & Irwin, P.J. 2003. Two species of canine *Babesia* in Australia: detection and characterization by PCR. *J. Parasitol.* 89:409-412.
1481. Jenkin, G.A., Ritchie, S.A., Hanna, J.N. & Brown, G.V. 1997. Airport malaria in Cairns. *Med. J. Aust.* 166:307-308.
1482. Jeston, P.J., Blight, G.W., Anderson, G.R., Molloy, J.B. & Jorgensen, W.K. 2002. Comparison of infectivity of *Eimeria tenella* oocysts maintained at 4, 12 or 28°C for up to 10 months. *Aust. Vet. J.* 80:91-92.

1483. Johnson, M.S., Broady, K.W & Johnson, A.M. 1999. Differential recognition of *Toxoplasma gondii* recombinant nucleoside triphosphate hydrolase isoforms by naturally infected human sera. *Int. J. Parasitol.* 29:1893-1905.
1484. Jones, H.I. & Shellam, G.R. 1999. Blood parasites in penguins, and their potential impact on conservation. *Marine Ornithology* 27:181-184.
1485. Hanssen, E., Carlton, P., Deed, S., Klonis, N., Sedat, J., DeRisi, J. & Tilley, L. 2010. Whole cell imaging reveals novel modular features of the exomembrane system of the malarial parasite, *Plasmodium falciparum*. *Int. J. Parasitol.* 40:123-134.
1486. Jones, J.B. & Lawrence, C.S. 2001. Diseases of yabbies (*Cherax albidus*) in Western Australia. *Aquaculture* 194:221-232.
1487. Jorgensen, W.K., Waldrom, S.J., McGrath, J., Roman, R.J., de Vos, A.J. & Williams, K.E.. 1992. Growth of *Babesia bigemina* parasites in suspension cultures for vaccine production. *Parasitol. Res.* 78:423-426.
1488. Karunajeewa, H., Siebert, D., Hammond, R., Garland, S. & Kelly H. 2001. Seroprevalence of varicella zoster virus, parvovirus B19 and *Toxoplasma gondii* in a Melbourne obstetric population: implications for management. *Aust. N. Z. J. Obstet. Gynaecol.* 41:23-28.
1489. Kawazu, S., Sugimoto, C., Kamio, T. & Fujisaki, K. 1992. Antigenic differences between Japanese *Theileria sergenti* and other benign *Theileria* species of cattle from Australia (*T. buffeli*) and Britain (*T. orientalis*). *Parasitol. Res.* 78:130-135.
1490. Keeling, P.J., Poulsen, N. & McFadden, G.I. 1998. Phylogenetic diversity of parabasalian symbionts from termites, including the phylogenetic position of *Pseudotrypanosoma* and *Trichonympha*. *J. Euk. Microbiol.* 45:643-650.
1491. Kent, M.L. 2000. Marine netpen farming leads to infections with some unusual parasites. *Int. J. Parasitol.* 30:321-326.
1492. Kharmtsov, N.V., Chung, P.A., Dykstra, C.C., Griffiths, J.K., Morgan, U.M., Arrowood, M.J. & Upton S.J. 2000. Presence of double-stranded RNAs in human and calf isolates of *Cryptosporidium parvum*. *J. Parasitol* 86:275-282.
1493. Kim, D.Y., Mitchell, M.A., Bauer, R.W., Poston, R. & Cho, D-Y. 2002. An outbreak of adenoviral infection in inland bearded dragons (*Pogona vitticeps*) co-infected with dependovirus and coccidial protozoa (*Isospora* sp.). *J. Vet. Diag. Invest.* 14:332-334.
1494. Kirby, H. & Margulis, L. 1994. Harold Kirby's symbionts of termites: karyomastigont reproduction and calonymphid taxonomy. *Symbiosis* 16:7-63.
1495. Smith, A., Clark, P., Averis, S., Lymbery, A.J., Wayne, A.F., Morris, K.D. & Thompson, R.C.A. 2008. Trypanosomes in a declining species of threatened Australian marsupial, the brush-tailed bettong *Bettongia penicillata* (Marsupialia: Potoroidae). *Parasitol.* 135:1329-1335.
1496. Parameswaran, N., O'Handley, R.M., Grigg, M.E., Fenwick, S.G. & Thompson, R.C.A. 2009. Seroprevalence of *Toxoplasma gondii* in wild kangaroos using an ELISA. *Parasitol. Int.* 58:161-165.
1497. Kirby, H. 1931. Trichomonad flagellates from termites. II. *Eutrichomastix*, and the subfamily Trichomonadinae. *Univ. California Publ. Zool.* 36:171-262.
1498. Kirby, H. 1932. Flagellates of the genus *Trichonympha* in termites. *Univ. California Publ. Zool.* 37:350-454.
1499. Kirby, H. 1938. Polymastigote flagellates of the genus *Foaina* Janicki, and two new genera *Crucinympha* and *Bullanympha*. *Quart. J. Microscop. Sci.* 81:1-25 (+ 2 plates).
1500. Kirby, H. 1941. Devescovinid flagellates of termites. I. The genus *Devescovina*. *Univ. California Publ. Zool.* 45:1-92.
1501. Kirby, H. 1942. Devescovinid flagellates of termites. II. The genera *Caduceia* and *Macrotrichomonas*. *Univ. California Publ. Zool.* 45:93-166.
1502. Kirby, H. 1942. Devescovinid flagellates of termites. III. The genera *Foaina* and *Parajoenia*. *Univ. California Publ. Zool.* 45:167-245.

1503. Kirby, H. 1944. The structural characteristics and nuclear parasites of some species of *Trichonympha* in termites. Univ. California Publ. Zool. 49:185-282.
1504. Kirby, H. 1945. Devescovinid flagellates of termites. IV. The genera *Metadevescovina* and *Pseudodevescovina*. Univ. California Publ. Zool. 45:247-317.
1505. Kirby, H. 1949. Devescovinid flagellates of termites. V. The genus *Hyperdevescovina*, the genus *Bullanympha*, and undescribed or unrecorded species. Univ. California Publ. Zool. 45:319-421.
1506. Kitchener, S.J., Auliff, A.M. & Rieckmann, K.H. 2000. Malaria in the Australian Defence Force during and after participation in the International Force in East Timor (INTERFET). Med. J. Aust. 173:583-585.
1507. Kleeman, S.N. & Adlard, R.D. 2000. Molecular detection of *Marteilia sydneyi*, pathogen of Sydney rock oysters. Dis. Aquat. Org. 40:137-146.
1508. Kleeman, S.N., Adlard, R.D., Zhu, X. & Gasser, R.B. 2004. Mutation scanning analysis of *Marteilia sydneyi* populations from different geographical locations in eastern Australia. Mol. Cell. Probes 18:133-138.
1509. Klieve, A.V., Holroyd, R.G., Turner, A.F. & Lindsay, J.A. 1998. Rumen bacterial and protozoal populations in cattle being relocated in tropical Queensland. Aust. J. Agric. Res. 49:1153-1159.
1510. Knox, J., Tabrizi, S.N., Miller, P., Petoumenos, K., Law, M., Chen, S. & Garland, S.M. 2002. Evaluation of self-collected samples in contrast to practitioner-collected samples for detection of *Chlamydia trachomatis*, *Neisseria gonorrhoeae*, and *Trichomonas vaginalis* by polymerase chain reaction among women living in remote areas. Sex. Trans. Dis. 29:647-654.
1511. Kukuruzovic, R., Robins-Browne, R.M., Anstey, N.M. & Brewster, D.R. 2002. Enteric pathogens, intestinal permeability and nitric oxide production in acute gastroenteritis. Pediatr. Infect. Dis. J. 21:730-739.
1512. Kwon, Y.K., Wee, S.H., Kook, J.H. & Lee, C.G. 2005. Outbreak of enteric cryptosporidiosis in cockateils (*Nymphicus hollandicus*). Vet. Rec. 156:210-211.
1513. Landmann, J.K., Jillella, D., O'Donoghue, P.J. & McGowan, M.R. 2002. Confirmation of the prevention of vertical transmission of *Neospora caninum* in cattle by the use of embryo transfer. Aust. Vet. J. 80:502-503.
1514. Langridge, D.F. & McGhee, R.B. 1967. *Crithidia mellificae* n. sp. an acidophilic trypanosomatid of the honey bee *Apis mellifera*. J. Protozool. 14:485-487.
1515. Langridge, D.F. 1966. Flagellated protozoa (Trypanosomidae) in the honey bee, *Apis mellifera*, in Australia. J. Invert. Pathol. 8:124-126.
1516. Latimer, K.S., Perry, R.W., Mo, I.P., Nietfield, J.C., Steffens, W.L., Harrison, G.J. & Ritchie, B.W. 1990. Myocardial sarcocystosis in a grand eclectus parrot (*Eclectus roratus*) and a Moluccan cockatoo (*Cacatua moluccensis*). Avian Dis. 34:501-505.
1517. Lederer, R., Adlard, R. & O'Donoghue, P. 1999. Host range extension for *Haemoproteus columbae* Kruse of pigeons and doves (Columbidae). Mem. Qld. Mus. 43:10.
1518. Lederer, R., Adlard, R.D. & O'Donoghue, P.J. 2002. Severe pathology associated with protozoal schizonts in two pied currawongs (*Strepera graculina*) from Queensland. Vet. Rec. 150:520-522.
1519. Lee, A.H., Wang, K., Gracey, M. & Yau, K.K.W. 2003. Factors affecting length of hospitalization of infants and children for recurrent gastroenteritis in Western Australia. Acta Paediatr. 92:843-847.
1520. Levitt, M.D., Quinlan, M.F. & Sheiner, H.J. 1986. Liver abscess in Western Australia (1974-1983). Aust. N.Z. J. Surg. 56:341-346.
1521. Lew, A.E., Anderson, G.R., Minchin, C.M., Jeston, P.J. & Jorgensen, W.K. 2003. Inter- and intra-strain variation and PCR detection of the internal transcribed spacer 1 (ITS-1) sequences of Australian isolates of *Eimeria* species from chickens. Vet. Parasitol. 112:33-50.
1522. Lew, A.E., Dluzewski, A.R., Johnson, A.M. & Pinder, J.C. 2002. Myosins of *Babesia bovis*: molecular characterisation, erythrocyte invasion, and phylogeny. Cell Mot. Cytoskel. 52:202-220.
1523. Li, Y., McDonald, A.M., Dore, G.J. & Kaldor, J.M. 2000. Improving survival following AIDS in Australia, 1991-1996. AIDS 14:2349-2354.

1524. Lindsay, D.S., Blagburn, B.L. & Hoerr, F.J. 1990. Small intestinal cryptosporidiosis in cockateils associated with *Cryptosporidium baileyi*-like oocysts. *Avian Dis.* 34:791-793.
1525. Liu, S.M., Brown, D.M., O'Donoghue, P., Upcroft, P. & Upcroft, J.A. 2000. Ferredoxin involvement in metronidazole resistance of *Giardia duodenalis*. *Mol. Biochem. Parasitol.* 108:137-140.
1526. Lom, J. & Dykova, I. 1994. Studies on protozoan parasites of Australian fishes: III. Species of the genus *Myxobolus* Butschli, 1882. *Eur. J. Protistol.* 30:431-439.
1527. Lom, J. 2004. Morphology and ultrastructure of *Sphaeromyxa noblei* sp. n. (Myxozoa), parasite of *Heteroclinus whiteleggii* (Pisces) from Australian New South Wales coast. *Fol. Parasitologica* 51:19-26.
1528. Lumb, R. & Hardiman, R. 1991. *Isospora belli* infection. A report of two cases in patients with AIDS. *Med. J. Aust.* 155:194-196.
1529. Lynch, M.J., Obendorf, D.L., Statham, P. & Reddacliff, G.L. 1993. An evaluation of a live *Toxoplasma gondii* vaccine in tammar wallabies (*Macropus eugenii*). *Aust. Vet. J.* 70:352-353.
1530. Mackie, J.T. & Dubey, J.P. 1996. Congenital sarcocystosis in a Saanen goat. *J. Parasitol.* 82:350-351.
1531. Maddocks, S. & O'Brien, R. 2000. African trypanosomiasis in Australia. *New Eng. J. Med.* 342:1254.
1532. Maguire, G.P., Bastian, I., Arianayagam, S., Bryceson, A. & Currie, B.J. 1998. New world cutaneous leishmaniasis imported into Australia. *Pathol.* 30:73-76.
1533. Main, D.C & Creeper, J.H. 1999. Coccidiosis of Brunner's glands in feral goats. *Aust. Vet. J.* 77:49.
1534. Mason, R.W. 1986. Conjunctival cryptosporidiosis in a duck. *Avian Dis.* 30:598-600.
1535. Mason, R.W., Hartley, W.J. & Dubey, J.P. 1991. Lethal toxoplasmosis in a little penguin (*Eudyptula minor*) from Tasmania. *J. Parasitol.* 77:328.
1536. Mathis, A. 2000. Microsporidia: emerging advances in understanding the basic biology of these unique organisms. *Int. J. Parasitol.* 30:795-804.
1537. McCall, B.J. & Pearce, M.C. 1994. Malaria treatment in Queensland, 1992. The use of malaria treatment guidelines. *Med. J. Aust.* 161:259-262.
1538. McColl, K.A. 1983. Pathology in captive platypus (*Ornithorhynchus anatinus*) in Victoria, Australia. *J. Wildl. Dis.* 19:118-122.
1539. McCool, C.J., Townsend, M.P., Wolfe, S.G., Simpson, M.A., Olm, T.C., Jayawardhana, G.A. & Carney, J.V. 1988. Prevalence of bovine venereal disease in the Victoria River District of the Northern Territory: likely economic effects and practicable control measures. *Aust. Vet. J.* 65:153-156.
1540. McGlade, T.R., Robertson, I.D., Elliot, A.D. & Thompson, R.C.A. 2002. High prevalence of *Giardia* detected in cats by PCR. *Vet. Parasitol.* 110:197-205.
1541. McGlade, T.R., Robertson, I.D., Elliot, A.D., Read, C. & Thompson, R.C.A. 2003. Gastrointestinal parasites of domestic cats in Perth, Western Australia. *Vet. Parasitol.* 117:251-262.
1542. McIver, C.J., Hansman, G., White, P., Doultree, J.C., Catton, M. & Rawlinson, W.D. 2001. Diagnosis of enteric pathogens in children with gastroenteritis. *Pathol.* 33:353-358.
1543. McKiernan, J.P., Grutter, A.S & Davies, A.J. 2005. Reproductive and feeding ecology of parasitic gnathiid isopods of epaulette sharks (*Hemiscyllium ocellatum*) with consideration of their role in the transmission of a haemogregarine. *Int. J. Parasitol.* 35:19-27.
1544. Attwood, H.D. & Woolley, P.A. 1975. Toxoplasmosis in dasyurid marsupials: a final chapter. *Pathol.* 7:50.
1545. McOrist, S. & Smales, L. 1986. Morbidity and mortality of free-living and captive echidnas, *Tachyglossus aculeatus* (Shaw), in Australia. *J. Wildl. Dis.* 22:375-380.
1546. Miller, C., Quinn, H., Ryce, C., Reichel, M.P. & Ellis, J.T. 2005. Reduction in transplacental transmission of *Neospora caninum* in outbred mice by vaccination. *Int. J. Parsitol.* 35:821-828.
1547. Miller, C.M.D., Akrotos, C., Johnson, A.M. & Smith, N.C. 2000. The production of a 70kDa heat shock protein by *Toxoplasma gondii* RH strain in immunocompromised mice. *Int. J. Parasitol.* 30:1467-1473.

1548. Miller, C.M.D., Quinn, H.E., Windsor, P.A. & Ellis, J.T. 2002. Characterisation of the first Australian isolate of *Neospora caninum* from cattle. *Aust. Vet. J.* 80:620-625.
1549. Miller, D.S., Mitchell, G.F., Biggs, B., McCracken, H., Myroniuk, P. & Hewish, M. 2000. Agglutinating antibodies to *Toxoplasma gondii* in sera from captive eastern barred bandicoots in Australia. *J. Wildl. Dis.* 36:213-218.
1550. Molloy, J.B., Bowles, P.M., Bock, R.E., Turton, J.A., Katsande, T.C., Katende, J.M., Mabikacheche, L.G., Waldron, S.J., Blight, G.W. & Dalgiesh, R.J. 1998. Evaluation of an ELISA for detection of antibodies to *Babesia bovis* in cattle in Australia and Zimbabwe. *Prev. Vet. Med.* 33:59-67.
1551. Monis, P.T., Andrews, R.H., Mayrhofer, G. & Ey, P.L. 1999. Molecular systematics of the parasitic protozoan *Giardia intestinalis*. *Mol. Biol. Evol.* 16:1135-1144.
1552. Moodie, E.G., Le Jambre, L.F. & Katz, M.E. 2003. *Thelohania montirivulorum* sp. nov. (Microspora: Thelohaniidae), a parasite of the Australian freshwater crayfish, *Cherax destructor* (Decapoda: Parastacidae): fine ultrastructure, molecular characteristics and phylogenetic relationships. *Parasitol. Res.* 91:215-228.
1553. Moodie, E.G., Le Jambre, L.F. & Katz, M.E. 2003. *Thelohania parastaci* sp. nov. (Microspora: Thelohaniidae), a parasite of the Australian freshwater crayfish, *Cherax destructor* (Decapoda: Parastacidae). *Parasitol. Res.* 91:151-165.
1554. Moodie, E.G., Le Jambre, L.F. & Katz, M.E. 2003. Ultrastructural characteristics and small subunit ribosomal DNA sequence of *Vairimorpha cheracis* sp. nov., (Microspora: Burenellidae), a parasite of the Australian yabby, *Cherax destructor* (Decapoda: Parastacidae). *J. Invert. Pathol.* 84:198-213.
1555. Hawkins, P., Swanson, P. & Morgan, U.M. 2001. Genotypes of *Cryptosporidium* in Sydney's catchments. *Water* 28:38-41.
1556. Morgan, U.M. 2000. Detection and characterisation of parasites causing emerging zoonoses. *Int. J. Parasitol.* 30:1407-1421.
1557. Morgan, U.M., Buddle, J.R., Armson, A., Elliot, A & Thompson, R.C.A. 1999. Molecular and biological characterisation of *Cryptosporidium* in pigs. *Aust. Vet. J.* 77:44-47.
1558. Morgan, U.M., Deplazes, P., Forbes, D.A., Spano, F., Hertzberg, H., Sargent, K.D., Elliot, A. & Thompson, R.C.A. 1999. Sequence and PCR-RFLP analysis of the internal transcribed spacers of the rDNA repeat unit in isolates of *Cryptosporidium* from different hosts. *Parasitol.* 118:49-58.
1559. Morgan, U.M., Monis, P.T., Fayer, R., Deplazes, P. & Thompson, R.C.A. 1999. Phylogenetic relationships among isolates of *Cryptosporidium*: evidence for several new species. *J. Parasitol.* 85:1126-1133.
1560. Morgan, U.M., Monis, P.T., Xiao, L., Limor, J., Sulaiman, I., Raidal, S., O'Donoghue, P., Gasser, R., Murray, A., Fayer, R., Blagburn, B.L., Lal, A.A. & Thompson R.C.A. 2001. Molecular and phylogenetic characterisation of *Cryptosporidium* from birds. *Int. J. Parasitol.* 31:289-296.
1561. Morgan, U.M., Sturdee, A.P., Singleton, G., Gomez, M.S., Gracenea, M., Torres, J., Hamilton, S.G., Woodside, D.P. & Thompson, R.C.A. 1999. The *Cryptosporidium* "mouse" genotype is conserved across geographic areas. *J. Clin. Microbiol.* 37:1302-1305.
1562. Morgan, U.M., Xiao, L., Fayer, R., Graczyk, T.K., Lal, A.A., Deplazes, P. & Thompson, R.C.A. 1999. Phylogenetic analysis of *Cryptosporidium* isolates from captive reptiles using 18S rDNA sequence data and random amplified polymorphic DNA analysis. *J. Parasitol.* 85:525-530.
1563. Morgan, U.M., Xiao, L., Fayer, R., Lal, A.A. & Thompson, R.C.A. 1999. Variation in *Cryptosporidium*: towards a taxonomic revision of the genus. *Int. J. Parasitol.* 29:1733-1751.
1564. Morgan, U.M., Xiao, L., Hill, B.D., O'Donoghue, P., Limor, J., Lal, A. & Thompson, R.C.A. 2000. Detection of the *Cryptosporidium parvum* 'Human' genotype in a dugong (*Dugong dugon*). *J. Parasitol.* 86:1352-1354.
1565. Morgan, U.M., Xiao, L., Limor, J., Gelis, S., Raidal, S.R., Fayer, R., Lal, A., Elliot, A. & Thompson, R.C.A. 2000. *Cryptosporidium meleagridis* in an Indian ring-necked parrot (*Psittacula krameri*). *Aust. Vet. J.* 79:182-183.

1566. Morgan, U.M., Xiao, L., Monis, P., Fall, A., Irwin, P.J., Fayer, R., Denholm, K.M., Limor, J., Lal, A. & Thompson, R.C.A. 2000. *Cryptosporidium* spp. in domestic dogs: the "dog" genotype. *Appl. Environ. Microbiol.* 66:2220-2223.
1567. Morrison, R.N., Crosbie, P.B.B. & Nowak, B.F. 2004. The induction of laboratory-based amoebic gill disease revisited. *J. Fish Dis.* 27:445-449.
1568. Morton, A.N., Wakefield, T., Tabrizi, S.N., Garland, S.M. & Fairley, C.K. 1999. An outreach programme for sexually transmitted infection screening in street sex workers using self-administered samples. *Int. J. STD & AIDS* 10:741-743.
1569. Muhlneckel, C.J., Jefferies, R., Morgan-Ryan, U.M. & Irwin, P.J. 2002. *Babesia gibsoni* infection in three dogs in Victoria. *Aust. Vet. J.* 80:606-610.
1570. Munday, B.L., Su, X-Q. & Harshbarger, J.C. 1998. A survey of product defects in Tasmanian Atlantic salmon (*Salmo salar*). *Aquaculture.* 169:297-302.
1571. Munday, B.L., Zilberg, D. & Findlay, V. 2001. Gill disease of marine fish caused by infection with *Neoparamoeba pemaquidensis*. *J. Fish Dis.* 24:497-507.
1572. Norton, J.H. & Prior, H.C. 1994. Microsporidiosis in a peach-faced lovebird (*Agapornis roseicollis*). *Aust. Vet. J.* 71:23-24.
1573. Nowak, B.F. & Munday, B.L. 1994. Histology of gills of Atlantic salmon during the first few months following transfer to sea water. *Bull. Eur. Ass. Fish Pathol.* 14:77-81.
1574. Nowak, B.F. 2004. Assessment of health risks to southern bluefin tuna under current culture conditions. *Bull. Eur. Ass. Fish Pathol.* 24:45-51.
1575. Nowak, B.F. 2007. Parasitic diseases in marine cage culture - an example of experimental evolution of parasites? *Int. J. Parasitol.* 37:581-588.
1576. Noyes, H.A., Stevens, J.R., Teixeira, M., Phelan, J. & Holz, P. 1999. A nested PCR for the *ssrRNA* gene detects *Trypanosoma binneyi* in the platypus and *Trypanosoma* sp. in wombats and kangaroos in Australia. *Int. J. Parasitol.* 29:331-339.
1577. Oakwood, M. & Spratt, D.M. 2000. Parasites of the northern quoll, *Dasyurus hallucatus* (Marsupialia: Dasyuridae) in tropical savanna, Northern Territory. *Aust. J. Zool.* 48:79-90.
1578. Obendorf, D.L., Statham, P. & Driessen, M. 1996. Detection of agglutinating antibodies to *Toxoplasma gondii* in sera from free-ranging eastern barred bandicoots (*Perameles gunnii*). *J. Wildl. Dis.* 32:623-626.
1579. Dubey, J.P. & Crutchley, C. 2008. Toxoplasmosis in wallabies (*Macropus rufogriseus* and *Macropus eugenii*): blindness, treatment with atovaquone, and isolation of *Toxoplasma gondii*. *J. Parasitol.* 94:929-933.
1580. O'Callaghan, M.G. & Beveridge, I. 1996. Gastro-intestinal parasites of feral cats in the Northern Territory. *Trans. Roy. Soc. S.A.* 120:175-176.
1581. O'Callaghan, M.G. & O'Donoghue, P.J. 1999. A new species of *Eimeria* (Apicomplexa: Eimeriidae) from the stick-nest rat, *Leporillus conditor* (Rodentia: Muridae). *Trans. Roy. Soc. Sth. Aust.* 123:133-135.
1582. O'Callaghan, M.G. & O'Donoghue, P.J. 2001. A new species of *Eimeria* (Apicomplexa: Eimeriidae) from the brushtail possum, *Trichosurus vulpecula* (Diprotodontia: Phalangeridae). *Trans. Roy. Soc. Sth. Aust.* 125:129-132.
1583. O'Handley, R.M., Olson, M.E., Fraser, D., Adams, P. & Thompson, R.C.A. 2000. Prevalence and genotypic characterisation of *Giardia* in dairy calves from Western Australia and Western Canada. *Vet. Parasitol.* 90:193-200.
1584. Oros, J., Rodriguez, J.L. & Patterson-Kane, J. 1998. Gastric cryptosporidiosis in a wild frilled lizard from Australia. *J. Wildl. Dis.* 34:807-810.
1585. Orosz, S.E., Mullins, J.D. & Patton, S. 1992. Evidence of toxoplasmosis in two ratites. *J. Assoc. Avian Vets.* 6:219-222.
1586. Paperna, I. & Boulard, Y. 2000. Fine structure of gametocytes in five species of *Haemoproteus* (Haemosporidia) from geckos and agamid lizards. *Zoosystema* 22:443-457.

1587. Paperna, I. & Finkelman, S. 1998. The fine structure of reptilian *Isoospora* species with intranuclear endogenous development. *Parassitologia* 40:283-296.
1588. Paperna, I. & Smallridge, C.J. 2001. Ultrastructure of developmental stages of *Hemolivia mariae* (Apicomplexa: Haemogregarinidae), natural parasite of the Australian sleepy lizard, in experimentally infected deviant hosts. *Fol. Parasitologica* 48:255-262.
1589. Paperna, I. 1999. Globidia infection in the gut of an Australian gecko *Heteronotia binoei*. *Fol. Parasitologica* 46:175-178.
1590. Paperna, I. 2003. The endogenous development, described by light and electron microscopy, of *Eimeria jamescooki* sp. n. (Apicomplexa: Eimeriidae) from the skink *Cryptoblepharus virgatus*. *Fol. Parasitologica* 50:89-96.
1591. Parker, R.J. & Jones, G.W. 1990. Destruction of bovine coccidial oocysts in simulated cattle yards by dry tropical winter weather. *Vet. Parasitol.* 35:269-272.
1592. Parsons, H., Nowak, B., Fisk, D. & Powell, M. 2001. Effectiveness of commercial freshwater bathing as a treatment against amoebic gill disease in Atlantic salmon. *Aquacult.* 195:205-210.
1593. Peirce, M.A. & Adlard, R.D. 2004. Haemoparasites from clinical screening of reptiles in south-east Queensland, Australia. *Vet. Rec.* 155:708-709.
1594. Peirce, M.A. & Adlard, R.D. 2005. The haemoproteids of the Cuculidae. *J. Nat. Hist.* 39:2281-2287.
1595. Peirce, M.A., Adlard, R.D. & Lederer, R. 2005. A new species of *Leucocytozoon* Berestneff, 1904 (Apicomplexa: Leucocytozoidae) from the avian family Artamidae. *Syst. Parasitol.* 60:151-154.
1596. Peirce, M.A., Lederer, R., Adlard, R.D. & O'Donoghue, P.J. 2004. Pathology associated with endogenous development of haematozoa in birds from southeast Queensland. *Avian Pathol.* 33:445-450.
1597. Peters, R. & Raftos, D.A. 2003. The role of phenoloxidase suppression in QX disease outbreaks among Sydney rock oysters (*Saccostrea glomerata*). *Aquacult.* 223:29-39.
1598. Philbey, A.W., Andrew, P.L., Gestier, A.W., Reece, R.L. & Arzey, K.E. 2002. Spironucleosis in Australian king parrots (*Alisterus scapularis*). *Aust. Vet. J.* 80:154-160.
1599. Phillips, S., Zenger, K.R. & Richardson, B.J. 2002. Are Sydney rabbits different? *Aust. Zoologist* 32:49-55.
1600. Philpot, C.R., Harcourt, C.L. & Edwards, J.M. 1991. A survey of female prostitutes at risk of HIV infection and other sexually transmissible diseases. *Genitourin. Med.* 67:384-388.
1601. Pinge-Suttor, V., Douglas, C. & Wettstein, A. 2004. *Cyclospora* infection masquerading as coeliac disease. *Med. J. Aust.* 180:295-296.
1602. Pironet, F.N. & Jones, J.B. 2000. Treatments for ectoparasites and diseases in captive Western Australian dhufish. *Aquacult. Int.* 8:349-361.
1603. Potter, S., Chan-Ling, T., Ball, H.J., Mansour, H., Mitchell, A., Maluish, L. & Hunt, N.H. 2006. Perforin mediated apoptosis of cerebral microvascular endothelial cells during experimental cerebral malaria. *Int. J. Parasitol.* 36:485-496.
1604. Powell, M.D. & Clark, G.A. 2003. *In vitro* survival and the effect of water chemistry and oxidative chemical treatments on isolated gill amoebae from AGD-affected Atlantic salmon. *Aquacult.* 220:135-144.
1605. Powell, M.D., Forster, M.E. & Nowak, B.F. 2002. Apparent vascular hypertension associated with amoebic gill disease affected Atlantic salmon (*Salmo salar*) in Tasmania. *Bull. Eur. Ass. Fish Pathol.* 22:328-333.
1606. Powell, M.D., Parsons, H.J. & Nowak, B.F. 2001. Physiological effects of freshwater bathing of Atlantic salmon (*Salmo salar*) as a treatment for amoebic gill disease. *Aquacult.* 199:259-266.
1607. Power, M.L., Shanker, S.R., Sangster, N.C. & Veal, D.A. 2003. Evaluation of a combined immunomagnetic separation/flow cytometry technique for epidemiological investigations of *Cryptosporidium* in domestic and Australian native animals. *Vet. Parasitol.* 112:21-31.
1608. Power, M.L., Slade, M.B., Sangster, N.C. & Veal, D.A. 2004. Genetic characterisation of *Cryptosporidium* from a wild population of eastern grey kangaroos *Macropus giganteus* inhabiting a water catchment. *Infect. Gen. Evol.* 4:59-67.

1609. Power, M.L., Sangster, N.C., Slade, M.B. & Veal, D.A. 2005. Patterns of *Cryptosporidium* oocyst shedding by eastern grey kangaroos inhabiting an Australian watershed. *Appl. Environ. Microbiol.* 71:6159-6164.
1610. Proellocks, N.I., Kovacevic, S., Ferguson, D.J.P., Kats, L.M., Morahan, B.J., Black, C.G., Waller, K.L. & Coppel, R.L. 2007. *Plasmodium falciparum* Ph34, a novel GPI-anchored rhoptry protein found in detergent-resistant microdomains. *Int. J. Parasitol.* 37:1233-1241.
1611. Prociv, P. 1987. Parasites of Australian flying-foxes (Chiroptera: Pteropodidae). *Aust. Mammology* 10:107-110.
1612. Prociv, P., Luke, R. & Quayle, P. 1992. Isosporiasis in the Aboriginal population of Queensland. *Med. J. Aust.* 156:115-117.
1613. Quinn, H.E., Miller, C.M.D. & Ellis, J.T. 2004. The cell-mediated immune response to *Neospora caninum* during pregnancy in the mouse is associated with a bias towards production of interleukin-4. *Int. J. Parasitol.* 34:723-732.
1614. Quinn, H.E., Windsor, P.A., Kirkland, P.D. & Ellis, J.T. 2004. An outbreak of abortion in a dairy herd associated with *Neospora caninum* and bovine pestivirus infection. *Aust. Vet. J.* 82:99-101.
1615. Perkins, S.L. & Keller, A.K. 2001. Phylogeny of nuclear small subunit rRNA genes of hemogregarines amplified with specific primers. *J. Parasitol.* 87:870-876.
1616. Raidal, S.R. & Jaensch, S.M. 2000. Central nervous disease and blindness in Nankeen kestrels (*Falco cenchroides*) due to a novel *Leucocytozoon*-like infection. *Avian Pathol.* 29:51-56.
1617. Raidal, S.R., Jaensch, S.M. & Ende, J. 1999. Preliminary report of a parasitic infection of the brain and eyes of a peregrine falcon *Falco peregrinus* and Nankeen kestrels *Falco cenchroides* in Western Australia. *Emu* 99:291-292.
1618. Ranford, L.R., Jones, M.K. & Prociv, P. 2001. *Giardia* trophozoites in dog hookworm, *Ancylostoma caninum*: accident or hyperparasitism. *Acta Tropica* 80:77-79.
1619. Ravenscroft, P.J., Douglas, J.B., Emmerson, B.T., Harris, O.D. & Rao, A. 1975. Intestinal amoebiasis and amoebic liver abscess in Brisbane, 1956 to 1973. Clinical syndromes and the results of medical and surgical management. *Med. J. Aust.* 1:551-555.
1620. Reichel, M.P. 2000. *Neospora caninum* infections in Australia and New Zealand. *Aust. Vet. J.* 78:258-261.
1621. Reid, S.A. & Copeman, D.B. 2002. Evaluation of an antibody-ELISA using five crude antigen preparations for the diagnosis of *Trypanosoma evansi* infection in cattle. *Vet. Parasitol.* 104:79-84.
1622. Reid, S.A. & Copeman, D.B. 2003. The development and validation of an antibody-ELISA to detect *Trypanosoma evansi* infection in cattle in Australia and Papua New Guinea. *Prev. Vet. Med.* 61:195-208.
1623. Reid, S.A., Husein, A., Partoutomo, S. & Copeman, D.B. 2001. The susceptibility of two species of wallaby to infection with *Trypanosoma evansi*. *Aust. Vet. J.* 79:285-288.
1624. Reynoldson, J.A., Behnke, J.M., Gracey, M., Horton, R.J., Spargo, R., Hopkins, R.M., Constantine, C.C., Gilbert, F., Stead, C., Hobbs, R.P. & Thompson, R.C.A. 1998. Efficacy of albendazole against *Giardia* and hookworm in a remote Aboriginal community in the north of Western Australia. *Acta Trop.* 71:27-44.
1625. Reynoldson, J.A., Behnke, J.M., Pallant, L.J., Macnish, M.G., Gilbert, F., Giles, S., Spargo, R.J. & Thompson, R.C.A. 1997. Failure of pyrantel in treatment of human hookworm infections (*Ancylostoma duodenale*) in the Kimberley region of North West Australia. *Acta Trop.* 68:301-312.
1626. Roberts, S.D. & Powell, M.D. 2003. Comparative ionic flux and gill mucous cell histochemistry: effects of salinity and disease status in Atlantic salmon (*Salmo salar* L.). *Comp. Biochem. Physiol. Pt. A* 134:525-537.
1627. Robertson, B., Sinclair, M.I., Forbes, A.B., Veitch, M., Kirk, M., Cunliffe, D., Willis, J. & Fairley, C.K. 2002. Case-control studies of sporadic cryptosporidiosis in Melbourne and Adelaide, Australia. *Epidemiol. Infect.* 128:419-431.

1628. Roberts-Thomson, A., Barnes, A., Fielder, D.S., Lester, R.J.G. & Adlard, R.D. 2006. Aerosol dispersal of the fish pathogen, *Amyloodinium ocellatum*. *Aquaculture* 257:118-123.
1629. Rochelle, P.A., Jutras, E.M., Atwill, E.R., De Leon, R. & Stewart, M.H. 1999. Polymorphisms in the β -tubulin gene of *Cryptosporidium parvum* differentiate between isolates based on animal host but not geographic origin. *J. Parasitol.* 85:986-989.
1630. Rose, K. 2004. Cutaneous leishmaniasis in red kangaroos. *Aust. Vet. J.* 82:440.
1631. Rose, K., Curtis, J., Baldwin, T., Mathis, A., Kumar, B., Sakthianandeswaren, A., Spurck, T., Choy, J.L. & Handman, E. 2004. Cutaneous leishmaniasis in red kangaroos: isolation and characterisation of the causative organisms. *Int. J. Parasitol.* 34:655-664.
1632. Ryan, U., O'Hara, A. & Xiao, L. 2004. Molecular and biological characterization of a *Cryptosporidium molnari*-like isolate from a guppy (*Poecilia reticulata*). *Appl. Environ. Microbiol.* 70:3761-3765.
1633. Kettlewell, J.S., Bettiol, S.S., Davies, N., Milstein, T. & Goldsmid, J.M. 1998. Epidemiology of giardiasis in Tasmania: a potential risk to residents and visitors. *J. Travel Med.* 5:127-130.
1634. Ryan, U.M., Bath, C., Robertson, I., Read, C., Elliot, A., McInnes, L., Traub, R. & Besier, B. 2005. Sheep may not be an important zoonotic reservoir for *Cryptosporidium* and *Giardia* parasites. *Appl. Environ. Microbiol.* 71:4992-4997.
1635. Ryan, U.M., Samarasinghe, B., Read, C., Buddle, J.R., Robertson, I.D. & Thompson, R.C.A. 2003. Identification of a novel *Cryptosporidium* genotype in pigs. *Appl. Environ. Microbiol.* 69:3970-3974.
1636. Salkeld, D.J. & Schwarzkopf, L. 2005. Epizootiology of blood parasites in an Australian lizard: a mark-recapture study of a natural population. *Int. J. Parasitol.* 35:11-18.
1637. Schuster, F.L. & Visvesvara, G.S. 2004. Free-living amoebae as opportunistic and non-opportunistic pathogens of humans and animals. *Int. J. Parasitol.* 34:1001-1027.
1638. Dorsch, M.M., Cameron, A.S. & Robinson, B.S. 1983. The epidemiology and control of primary amoebic meningoencephalitis with particular reference to South Australia. *Trans. Roy. Soc. Trop. Med. Hyg.* 77:372-377.
1639. Semple, J.L. & Forno, I.W. 1987. Native parasitoids and pathogens attacking *Samea multiplicalis* Guenee (Lepidoptera: Pyralidae) in Queensland. *J. Aust. Entomol. Soc.* 26:365-366.
1640. Simmons, L.W. 1994. Courtship role reversal in bush crickets: another role for parasites? *Behav. Ecol.* 5:259-266.
1641. Skerratt, L.F., Phelan, J., McFarlane, R. & Speare, R. 1997. Serodiagnosis of toxoplasmosis in a common wombat. *J. Wildl. Dis.* 33:346-351.
1642. Smallridge, C.J. & Bull, C.M. 1999. Transmission of the blood parasite *Hemolivia mariae* between its lizard and tick hosts. *Parasitol. Res.* 85:858-863.
1643. Smallridge, C. & Paperna, I. 2000. Ultrastructure of *Hemolivia mariae* gamonts in the blood of the lizard *Tiliqua rugosa* and their development to oocyst stage in the tick *Amblyomma limbatum*. *Parasitol. Res.* 86:563-569.
1644. Smallridge, C. & Paperna, I. 2000. Ultrastructure studies on post-oocyst development of the lizard hemogregarine *Hemolivia mariae* in the tick *Amblyomma limbatum*. *Parasitol. Res.* 86:467-471.
1645. Smallridge, C.J. & Bull, C.M. 2000. Prevalence and intensity of the blood parasite *Hemolivia mariae* in a field population of the skink *Tiliqua rugosa*. *Parasitol. Res.* 86:655-660.
1646. Smallridge, C.J. & Bull, C.M. 2001. Prevalence of infection by the protozoan *Hemolivia mariae* in ticks. *Parasitol. Res.* 87:169-172.
1647. Smallridge, C.J. & Bull, C.M. 2001. Infection dynamics of *Hemolivia mariae* in the sleepy lizard *Tiliqua rugosa*. *Parasitol. Res.* 87:657-661.
1648. Smit N.J., Grutter A.S., Adlard R.D. & Davies A.J. 2006. Hematozoa of teleosts from Lizard Island, Australia, with some comments on their possible mode of transmission and the description of a new hemogregarine species. *J. Parasitol.* 92:778-788.
1649. Smith, D.D. & Frenkel, J.K. 2003. Immunological comparison of 124 isolates of *Toxoplasma gondii*. *Parasitol. Res.* 91:332-337.

1650. Smith, I.R., Nell, J.A. & Adlard, R. 2000. The effect of growing level and growing method on winter mortality, *Mikrocytos roughleyi*, in diploid and triploid Sydney rock oysters, *Saccostrea glomerata*. Aquacult. 185:197-205.
1651. Spano, F., Putignani, L., Crisanti, A., Sallicandro, P., Morgan, U.M., Le Blancq, S.M., Tchack, L., Tzipori, S. & Widmer, G. 1998. Multilocus genotypic analysis of *Cryptosporidium parvum* isolates from different hosts and geographical origins. J. Clin. Microbiol. 36:3255-3259.
1652. Pulparampil, N., Grahm, D., Phalen, D. & Snowden, K. 1998. *Encephalitozoon hellem* in two eclectus parrots (*Eclectus roratus*): identification from archival tissues. J. Euk. Microbiol. 45:651-655
1653. Sserugga, J.N., Jonsson, N.N., Bock, R.E. & More, S.J. 2003. Serological evidence of exposure to tick fever organisms in young cattle on Queensland dairy farms. Aust. Vet. J. 81:147-152.
1654. Moro, D., Lawson, M.A., Hobbs, R.P. & Thompson, R.C.A. 2003. Pathogens of house mice on arid Boullanger Island and subantarctic Macquarie Island, Australia. J. Wildlife Dis. 39:762-771.
1655. Irwin, P.J. & Hutchinson, G.W. 1991. Clinical and pathological findings of *Babesia* infection in dogs. Aust. Vet. J. 68:204-209.
1656. Stark, D., Beebe, N., Marriott, D., Ellis, J. & Harkness, J. 2005. Detection of *Dientamoeba fragilis* in fresh stool specimens using PCR. Int. J. Parasitol. 35:57-62.
1657. Stedman, N.L., Munday, J.S., Esbeck, R & Visvesvara, G.S. 2003. Gastric amebiasis due to *Entamoeba histolytica* in a dama wallaby (*Macropus eugenii*). Vet. Pathol. 40:340-342.
1658. Horning, E.S. 1927. Mitochondrial behaviour during the life cycle of *Nyctotherus cordiformis*. Aust. J. Expt. Biol. med. Sci. 4:69-73.
1659. Stevens, J.R., Noyes, H.A., Dover, G.A. & Gibson, W.C. 1999. The ancient and divergent origins of the human pathogenic trypanosomes, *Trypanosoma brucei* and *T. cruzi*. Parasitol. 118:107-116.
1660. Stevens, J.R., Teixeira, M.M.G., Bingle, L.E.H. & Gibson, W.C. 1999. The taxonomic position and evolutionary relationships of *Trypanosoma rangeli*. Int. J. Parasitol. 29:749-757.
1661. Stewart, N.P., Standfast, N.F., Baldock, F.C., Reid, D.J. & de Vos, A.J. 1992. The distribution and prevalence of *Theileria buffeli* in cattle in Queensland. Aust. Vet. J. 69:59-61.
1662. Stewart, N.P., Uilenberg, G. & De Vos, A.J. 1996. Review of Australian species of *Theileria*, with special reference to *Theileria buffeli* of cattle. Trop. Anim. Hlth. Prod. 28:81-90.
1663. Stoessel, Z., Taylor, L.F., McGowan, M.R., Coleman, G.T. & Landmann, J.K. 2003. Prevalence of antibodies to *Neospora caninum* within central Queensland beef cattle. Aust. Vet. J. 81:165-166.
1664. Su, X-Q. & White, R.W.G. 1995. A new myxosporean, *Zschokkella leptatherinae* n. sp. (Myxozoa: Myxidiidae), from the hepatic ducts and gall-bladder of Australian marine fishes. Syst. Parasitol. 32:125-129.
1665. Sumner, B. & Ackland, M.L. 1999. *Toxoplasma gondii* antibody in domestic cats in Melbourne. Aust. Vet. J. 77:447-449.
1666. Sumpton, W.D. 1994. Infection of sand crabs (*Portunus pelagicus*) by the microsporidian *Ameson* sp. in Moreton Bay. Proc. Roy. Soc. Qld. 104:85-87.
1667. Sweeney, A.W. 1996. The possibility of an "X" factor. The first documented drug resistance of human malaria. Int. J. Parasitol. 26:1035-1061.
1668. Sweeney, A.W., Doggett, S.L. & Piper, R.G. 1993. Life cycle of a new species of *Duboscqia* (Microsporida: Thelohaniidae) infecting the mosquito *Anopheles hilli* and an intermediate copepod host, *Apocyclops dengizicus*. J. Invert. Pathol. 62:137-146.
1669. Tabrizi, S.N., Paterson, B., Fairley, C.K., Bowden, F.J. & Garland, S.M. 1997. A self-administered technique for the detection of sexually transmitted diseases in remote communities. J. Inf. Dis. 176:289-292.
1670. Tamm, S. & Tamm, S.L. 1973. The fine structure of the centriolar apparatus and associated structures in the flagellates *Deltotrichonympha* and *Koruga*. I. Interphase. J. Protozool. 20:230-245.
1671. Tamm, S. & Tamm, S.L. 1973. The fine structure of the centriolar apparatus and associated structures in the flagellates *Deltotrichonympha* and *Koruga*. II. Division. J. Protozool. 20:245-252.

1672. Tamm, S.L. & Tamm, S. 1976. Rotary movement and fluid membranes in termite flagellates. *J. Cell Sci.* 20:619-639.
1673. Tamm, S.L. 1999. Locomotory waves of *Koruga* and *Deltotrichonympha*: flagella wag the cell. *Cell Motil. Cytoskel.* 43:145-158.
1674. Telford, S.R. & Stein, J. 2000. Two malaria parasites (Apicomplexa: Plasmodiidae) of the Australian skink *Egernia stokesii*. *J. Parasitol.* 86:395-406.
1675. Tenter, A.M., Heckerroth, A.R. & Weiss, L.M. 2000. *Toxoplasma gondii*: from animals to humans. *Int. J. Parasitol.* 30:1217-1258.
1676. Tham, W-H., Payne, P.D., Brown, G.V. & Rogerson, S.J. 2007. Identification of basic transcriptional elements required for *rif* gene transcription. *Int. J. Parasitol.* 37:605-615.
1677. Thiruthalinathan, R., Latha, B.R. & Swaminathan, D. 1998. Coccidiosis in eastern grey kangaroos (*Macropus giganteus*). *Indian Vet. J.* 75:375-376.
1678. Thompson, R.C.A. & Meloni, B.P. 1993. Molecular variation in *Giardia*. *Acta Trop.* 53:167-184.
1679. Thompson, R.C.A. 2000. Giardiasis as a re-emerging infectious disease and its zoonotic potential. *Int. J. Parasitol.* 30:1259-1267.
1680. Thompson, R.C.A., Hopkins, R.M. & Homan, W.L. 2000. Nomenclature and genetic groupings of *Giardia* infecting mammals. *Parasitol. Today* 16:210-213.
1681. Thompson, S.C. 1994. *Giardia lamblia* in children and the child care setting: a review of the literature. *J. Paediatr. Child Hlth.* 30:202-209.
1682. Timms, P. & Stewart, N.P. 1989. Growth of *Babesia bovis* parasites in stationary and suspension cultures and their use in experimental vaccination of cattle. *Res. Vet. Sci.* 47:309-314.
1683. Townson, S.M., Boreham, P.F.L., Upcroft, P. & Upcroft, J.A. 1994. Resistance to the nitroheterocyclic drugs. *Acta Trop.* 56:173-194.
1684. Traub, R.J., Monis, P.T. & Robertson, I.D. 2005. Molecular epidemiology: a multidisciplinary approach to understanding parasitic zoonoses. *Int. J. Parasitol.* 35:1295-1307.
1685. Truong, Q. & Ferrari, B.C. 2006. Quantitative and qualitative comparisons of *Cryptosporidium* faecal purification procedures for the isolation of oocysts suitable for proteomic analysis. *Int. J. Parasitol.* 36:811-819.
1686. Turni, C. & Smales, L.R. 2001. Parasites of the bridled nailtail wallaby (*Onychogalea fraenata*) (Marsupialia: Macropodidae). *Wildlife Res.* 28:403-411.
1687. Uboldi A.D., Lueder F.B., Walsh P., Spurck T., McFadden G.I., Curtis J., Likic V.A., Perugini M.A., Barson M., Lithgow T. & Handman E. 2006. A mitochondrial protein affects cell morphology, mitochondrial segregation and virulence in *Leishmania*. *Int. J. Parasitol.* 36:1499-1514.
1688. Udy, J.W., Hinde, R. & Vesik, M. 1993. Chromosomes and DNA in *Symbiodinium* from Australian hosts. *J. Phycol.* 29:314-320.
1689. Ujvari, B., Madsen, T. & Olsson, M. 2004. High prevalence of *Hepatozoon* spp. (Apicomplexa, Hepatozoidae) infection in water pythons (*Liasis fuscus*) from tropical Australia. *J. Parasitol.* 90:670-672.
1690. Upcroft, J.A. & Upcroft, P. 1999. Keto-acid oxidoreductases in the anaerobic protozoa. *J. Euk. Microbiol.* 46:447-449.
1691. Upcroft, J.A., Delgadillo-Correa, M.G., Dunne, R.L., Sturm, A.W., Johnson, P.J. & Upcroft, P. 2006. Genotyping *Trichomonas vaginalis*. *Int. J. Parasitol.* 36:821-828.
1692. Hall, C.A., Reichel, M.P. & Ellis, J.T. 2005. *Neospora* abortions in dairy cattle: diagnosis, mode of transmission and control. *Vet. Parasitol.* 128:231-241.
1693. Valkiunas, G. 2005. *Avian malaria parasites and other haemosporidia*. CRC Press, Boca Raton, 932 pp. (+ 3 plates).
1694. Valladares, K.D. 1990. Enteric pathogens in Aboriginal and non-Aboriginal children admitted to Port Augusta hospital. *Aust. J. Med. Lab. Sci.* 11:93-96.
1695. Veivers, P.C., Musca, A.M., O'Brien, R.W. & Slaytor, M. 1982. Digestive enzymes of the salivary glands and gut of *Mastotermes darwiniensis*. *Insect Biochem.* 12:35-40.

1696. Viggers, K.L. & Spratt, D.M. 1995. The parasites recorded from *Trichosurus* species (Marsupialia: Phalangeridae). *Wildl. Res.* 22:311-332.
1697. Villavedra, M., McCarthy, K., To, J., Morrison, R., Crosbie, P., Broady, K. & Raison, R.L. 2005. Changes in antigenic profile during culture of *Neoparamoeba* sp., causative agent of amoebic gill disease in Atlantic salmon. *Int. J. Parasitol.* 35:1417-1423.
1698. Waldron, S.J. & Jorgensen, W.K. 1999. Transmission of *Babesia* spp. by the cattle tick (*Boophilus microplus*) to cattle treated with injectable or pour-on formulations of ivermectin and moxidectin. *Aust. Vet. J.* 77:657-659.
1699. Warren, K.S., Swan, R.A., Morgan-Ryan, U.M., Friend, J.A. & Elliot, A. 2003. *Cryptosporidium muris* infection in bilbies (*Macrotis lagotis*). *Aust. Vet. J.* 81:739-741.
1700. Wasson, K. & Peper, R.L. 2000. Mammalian microsporidiosis. *Vet. Pathol.* 37:113-128.
1701. Parameswaran, N., O'Handley, R.M., Grigg, M.E., Wayne, A. & Thompson, R.C.A. 2009. Vertical transmission of *Toxoplasma gondii* in Australian marsupials. *Parasitol.* 136:939-944.
1702. Williams, D.J., Guy, C.S., Smith, R.F., Ellis, J., Bjorkman, C., Reichel, M.P. & Trees, A.J. 2007. Immunization of cattle with live tachyzoites of *Neospora caninum* confers protection against fetal death. *Infect. Immun.* 75:1343-1348.
1703. Weinmann, A.J., Spelman, D.W. & Spicer, W.J. 1992. Indigenous invasive amoebiasis in Australia. *Aust. N. Z. J. Surg.* 62:235-237.
1704. Wenzel, M., Radek, R., Brugerolle, G. & Koenig, H. 2003. Identification of the ectosymbiotic bacteria of *Mixotricha paradoxa* involved in movement symbiosis. *Eur. J. Protistol.* 39:11-23.
1705. Whipps, C.M. & Kent, M.L. 2006. Phylogeography of the cosmopolitan marine parasite *Kudoa thyrsites* (Myxozoa: Myxosporea). *J. Euk. Microbiol.* 53:364-373.
1706. Whipps, C.M., Adlard, R.D., Bryant, M.S. & Kent, M.L. 2003. Two unusual myxozoans, *Kudoa quadricornis* n. sp. (Multivalvulida) from the muscle of goldspotted trevally (*Carangoides fulvoguttatus*) and *Kudoa permulticapsula* n. sp. (Multivalvulida) from the muscle of Spanish mackerel (*Scomberomorus commerson*) from the Great Barrier Reef, Australia. *J. Parasitol.* 89:168-173.
1707. Whipps, C.M., Adlard, R.D., Bryant, M.S., Lester, R.J.G., Findlay, V. & Kent, M.L. 2003. First report of three *Kudoa* species from eastern Australia: *Kudoa thyrsites* from mahi mahi (*Coryphaena hippurus*), *Kudoa amamiensis* and *Kudoa minithyrsites* n. sp. from sweeper (*Pempheris ypsilychnus*). *J. Euk. Microbiol.* 50:215-219.
1708. Whipps, C.M., Grossel, G., Adlard, R.D., Yokoyama, H., Bryant, M.S., Munday, B.L. & Kent, M.L. 2004. Phylogeny of the Multivalvulidae (Myxozoa: Myxosporea) based on comparative ribosomal DNA sequence analysis. *J. Parasitol.* 90:618-622.
1709. Williamson, A.L., O'Donoghue, P.J., Upcroft, J.A. & Upcroft, P. 2000. Immune and pathophysiological responses to different strains of *Giardia duodenalis* in neonatal mice. *Int. J. Parasitol.* 30:129-136.
1710. Wilson-Hanson, S.L. & Prescott, C.W. 1982. A survey for parasites in cats. *Aust. Vet. J.* 59:194.
1711. Witcombe, D.M., Belli, S.I., Wallach, M.G. & Smith, N.C. 2003. Molecular characterisation of EmTFP250: a novel member of the TRAP protein family in *Eimeria maxima*. *Int. J. Parasitol.* 33:691-702.
1712. Witcombe, D.M., Ferguson, D.J.P., Belli, S.I., Wallach, M.G. & Smith, N.C. 2004. *Eimeria maxima* TRAP family protein EmTFP250: subcellular localisation and induction of immune responses by immunisation with a recombinant C-terminal derivative. *Int. J. Parasitol.* 34:861-872.
1713. Wong, F.Y.K., Carson, J. & Elliott, N.G. 2004. 18S ribosomal DNA-based PCR identification of *Neoparamoeba pemaquidensis*, the agent of amoebic gill disease in sea-farmed salmonids. *Dis. Aquat. Org.* 60:65-76.
1714. Woods, W.G., Whithear, K.G., Richards, D.G., Anderson, G.R., Jorgensen, W.K. & Gasser, R.B. 2000. Single-strand restriction fragment length polymorphism analysis of the second internal transcribed spacer (ribosomal DNA) for six species of *Eimeria* from chickens in Australia. *Int. J. Parasitol.* 30:1019-1023.

1715. Wright, A-D.G. 1999. Analysis of intraspecific sequence variation among eight isolates of the rumen symbiont, *Isotricha prostoma* (Ciliophora), from two continents. *J. Euk. Microbiol.* 46:445-446.
1716. Xiao, L., Ryan, U.M., Graczyk, T.K., Limor, J., Li, L., Kombert, M., Junge, R., Sulaiman, I.M., Zhou, L., Arrowood, M.J., Koudela, B., Modry, D. & Lal, A.A. 2004. Genetic diversity of *Cryptosporidium* spp. in captive reptiles. *Appl. Environ. Microbiol.* 70:891-899.
1717. Yang, R., Reid, A., Lymbery, A. & Ryan, U. 2010. Identification of zoonotic *Giardia* genotypes in fish. *Int. J. Parasitol.* 40:779-785.
1718. Young, N.D., Crosbie, P.B.B., Adams, M.B., Nowak, B.F. & Morrison, R.N. 2007. *Neoparamoeba perurans* n.sp., an agent of amoebic gill disease of Atlantic salmon (*Salmo salar*). *Int. J. Parasitol.* 37:1469-1481.
1719. Jones, J.B. & Creeper, J. 2006. Diseases of pearl oysters and other molluscs: a Western Australian perspective. *J. Shellfish Res.* 25:233-238.
1720. Zilberg, D. & Munday, B.L. 2000. Pathology of experimental amoebic gill disease in Atlantic salmon, *Salmo salar* L., and the effect of pre-maintenance of fish in sea water on the infection. *J. Fish Dis.* 23:401-407.
1721. Zilberg, D., Gross, A. & Munday, B.L. 2001. Production of salmonid amoebic gill disease by exposure to *Paramoeba* sp. harvested from the gills of infected fish. *J. Fish Dis.* 24:79-82.
1722. Madsen, T., Ujvari, B. & Olsson, M. 2005. Old pythons stay fit; effects of haematozoan infections on life history traits of a large tropical predator. *Oecologia* 142:407-412.
1723. Madsen, T. & Ujvari, B. 2006. MHC class I variation associates with parasite resistance and longevity in tropical pythons. *Evol. Biology* 19:1973-1978.
1724. Ujvari, B. & Madsen, T. 2005. Age, parasites, and condition affect humoral immune response in tropical pythons. *Behav. Ecol.* 17:20-24.
1725. Wicks, R.M., Spencer, P.B.S., Moolhuijzen, P. & Clark, P. 2006. Morphological and molecular characteristics of a species of *Hepatozoon* Miller, 1908 (Apicomplexa: Adeleorina) from the blood of *Isoodon obesulus* (Marsupialia: Peramelidae) in Western Australia. *Syst. Parasitol.* 65:19-25.
1726. Beveridge, I. & Spratt, D.M. 2003. Parasites of carnivorous marsupials. In: *Predators with Pouches*. Jones, M., Dickman, C. & Archer, M. (eds.), CSIRO Publ. Collingwood, pp. 383-396.
1727. Caccio, S.M., Thompson, R.C.A., McLauchlin, J. & Smith, H.V. 2005. Unravelling *Cryptosporidium* and *Giardia* epidemiology. *Trends in Parasitol* 21:430-437.
1728. Fayer, R., Morgan, U. & Upton, S.J. 2000. Epidemiology of *Cryptosporidium*: transmission, detection and identification. *Int. J. Parasitol.* 30:1305-1322.
1729. McCarthy, S., Ng, J., Gordon, C., Miller, R., Wyber, A. & Ryan, U.M. 2008. Prevalence of *Cryptosporidium* and *Giardia* species in animals in irrigation catchments in the southwest of Australia. *Exptl. Parasitol.* 118:596-599.
1730. Monis, P.T., Andrews, R.H., Mayrhofer, G. & Ey, P.L. 2003. Genetic diversity within the morphological species *Giardia intestinalis* and its relationship to host origin. *Infect. Gen. Evol.* 3:29-38.
1731. Monis, P.T. & Thompson, R.C.A. 2003. *Cryptosporidium* and *Giardia*-zoonoses: fact or fiction? *Infect. Gen. Evol.* 3:233-244.
1732. Morgan, U.M., Pallant, L., Dwyer, B.W., Forbes, D.A., Rich, G. & Thompson, R.C.A. 1998. Comparison of PCR and microscopy for detection of *Cryptosporidium parvum* in human fecal specimens: clinical trial. *J. Clin. Microbiol.* 36:995-998.
1733. Ng, J., Pavlasek, I. & Ryan, U. 2006. Identification of novel *Cryptosporidium* genotypes from avian hosts. *Appl. Environ. Microbiol.* 72:7548-7553.
1734. Read, C., Walters, J., Robertson, I.D. & Thompson, R.C.A. 2002. Correlation between genotype of *Giardia duodenalis* and diarrhoea. *Int. J. Parasitol.* 32:229-231.
1735. Read, C.M., Monis, P.T. & Thompson, R.C.A. 2004. Discrimination of all genotypes of *Giardia duodenalis* at the glutamate dehydrogenase locus using PCR-RFLP. *Infect. Gen. Evol.* 4:125-130.

1736. Ryan, U.M., Monis, P., Enemark, H.L., Sulaiman, I., Samarasinghe, B., Read, C., Buddle, R., Robertson, I., Zhou, L., Thompson, R.C.A. & Xiao, L. 2004. *Cryptosporidium suis* n.sp. (Apicomplexa: Cryptosporidiidae) in pigs (*Sus scrofa*). J. Parasitol. 90:769-773.
1737. Samarasinghe, B., Johnson, J. & Ryan, U. 2008. Phylogenetic analysis of *Cystoisospora* species at the rRNA ITS1 locus and development of a PCR-RFLP assay. Exptl. Parasitol. 118:592-595.
1738. Thompson, R.C.A. 2000. Giardiasis as a re-emerging infectious disease and its zoonotic potential. Int. J. Parasitol. 30:1259-1267.
1739. Thompson, R.C.A. 2004. The zoonotic significance and molecular epidemiology of *Giardia* and giardiasis. Vet. Parasitol. 126:15-35.
1740. Traub, R., Wade, S., Read, C., Thompson, A. & Mohammed, H. 2005. Molecular characterization of potentially zoonotic isolates of *Giardia duodenalis* in horses. Vet. Parasitol. 130:317-321.
1741. Wielinga, C.M. & Thompson, R.C.A. 2007. Comparative evaluation of *Giardia duodenalis* sequence data. Parasitol. 134:1795-1821.
1742. Xiao, L. & Ryan, U.M. 2004. Cryptosporidiosis: an update in molecular epidemiology. Curr. Opin. Infect. Dis. 17:483-490.
1743. Xiao, L., Fayer, R., Ryan, U. & Upton, S.J. 2004. *Cryptosporidium* taxonomy: recent advances and implications for public health. Clin. Microbiol. Rev. 17:72-97.
1744. Burger, M.A.A., Barnes, A.C. & Adlard, R.D. 2008. Wildlife as reservoirs for parasites infecting commercial species: host specificity and a redescription of *Kudoa amamiensis* from teleost fish in Australia. J. Fish Dis. 31:835-844.
1745. Gunter, N.L. & Adlard, R.D. 2008. Bivalvulidan (Myxozoa: Myxosporea) parasites of damselfishes with description of twelve novel species from Australia's Great Barrier Reef. Parasitol. 135:1165-1178.
1746. Heiniger, H., Gunter, N.L. & Adlard, R.D. 2008. Relationships between four novel ceratomyxid parasites from the gall bladders of labrid fishes from Heron Island, Queensland, Australia. Parasitol. Int. 57:158-165.
1747. Adams, P.J., Elliot, A.D., Algar, D. & Brazell, R.I. 2008. Gastrointestinal parasites of feral cats from Christmas Island. Aust. Vet. J. 86:60-63.
1748. Bissett, S.A., Gowan, R.A., O'Brien, C.R., Stone, M.R. & Gookin, J.L. 2008. Feline diarrhoea associated with *Tritrichomonas* cf. *foetus* and *Giardia* co-infection in an Australian cattery. Aust. Vet. J. 86:440-443.
1749. Gasser, R.B., Skinner, R., Fadavi, R., Richards, G. & Morris, G. 2005. High-throughput capillary electrophoresis for the identification and differentiation of seven species of *Eimeria* from chickens. Electrophoresis 26:3479-3485.
1750. Gasser, R.B., Zhu, X., Caccio, S., Chalmers, R., Widmer, G., Morgan, U.M., Thompson, R.C.A., Pozio, E. & Browning, G.F. 2001. Genotyping *Cryptosporidium parvum* by single-strand conformation polymorphism analysis of ribosomal and heat shock gene regions. Electrophoresis 22:433-437.
1751. Ellis, J., Miller, C., Quinn, H., Ryce, C. & Reichel, M.P. 2008. Evaluation of recombinant proteins of *Neospora caninum* as vaccine candidates (in a mouse model). Vaccine 26:5989-5996.
1752. Jex, A.R., Ryan, U.M., Ng, J., Campbell, B.E., Xiao, L., Stevens, M. & Gasser, R.B. 2007. Specific and genotypic identification of *Cryptosporidium* from a broad range of host species by nonisotopic SSCP analysis of nuclear ribosomal DNA. Electrophoresis 28:2818-2825.
1753. Jex, A.R., Smith, H.V., Monis, P.T., Campbell, B.E. & Gasser, R.B. 2008. *Cryptosporidium* – biotechnological advances in the detection, diagnosis and analysis of genetic variation. Biotech. Adv. 26:304-317.
1754. Jex, A.R., Whipp, M., Campbell, B.E., Caccio, S.M., Stevens, M., Hogg, G. & Gasser, R.B. 2007. A practical and cost-effective mutation scanning-based approach for investigating genetic variation in *Cryptosporidium*. Electrophoresis 28:3875-3883.
1755. Nimmo, J.S., Snowden, K. & O'Donoghue, P.J. 2007. Fatal encephalitozoonosis in two koalas. Aust. Vet. J. 85:428-432.

1756. O'Brien, E., McInnes, L. & Ryan, U. 2008. *Cryptosporidium* GP60 genotypes from humans and domesticated animals in Australia, North America and Europe. *Exptl. Parasitol.* 118:118-121.
1757. Baum, J., Chen, L., Healer, J., Lopaticki, S., Boyle, M., Triglia, T., Ehlgren, F., Ralph, S.A., Beeson, J.G. & Cowman, A.F. 2009. Reticulocyte-binding protein homologue 5 – an essential adhesin involved in invasion of human erythrocytes by *Plasmodium falciparum*. *Int. J. Parasitol.* 39:371-380.
1758. Gilson, P.R. & Crabb, B.S. 2009. Morphology and kinetics of the three distinct phases of red blood cell invasion by *Plasmodium falciparum* merozoites. *Int. J. Parasitol.* 39:91-96.
1759. Miu, J., Ball, H.J., Mellor, A.L. & Hunt, N.H. 2009. Effect of indoleamine dioxygenase-1 deficiency and kynurenine pathway inhibition on murine cerebral malaria. *Int. J. Parasitol.* 39:363-370.
1760. Hellard, M.E., Sinclair, M.I., Fairley, C.K., Andrews, R.M., Bailey, M., Black, J., Dharmage, S.C. & Kirk, M.D. 2000. An outbreak of cryptosporidiosis in an urban swimming pool: why are such outbreaks difficult to detect? *Aust. N.Z. J. Pub. Hlth.* 24:272-275.
1761. Puech, M.C., McAnulty, J.M., Lesjak, M., Shaw, N., Heron, L. & Watson, J.M. 2001. A statewide outbreak of cryptosporidiosis in New South Wales associated with swimming at public pools. *Epidemiol. Infect.* 126:389-396.
1762. Harper, C.M., Cowell, N.A., Adams, B.C., Lamgley, A.J. & Wohlsen, T.D. 2002. Outbreak of *Cryptosporidium* linked to drinking unpasteurised milk. *CDI* 26:449-450.
1763. Al-Qassab, S., Reichel, M.P., Ivens, A. & Ellis, J.T. 2009. Genetic diversity amongst isolates of *Neospora caninum* and the development of a multiplex assay for the detection of distinct strains. *Mol. Cell. Probes* 23:132-139.
1764. Cox, P., Griffith, M., Angles, M., Deere, D. & Ferguson, C. 2005. Concentrations of pathogens and indicators in animal feces in the Sydney watershed. *Appl. Environ. Microbiol.* 71:5929-5934.
1765. Ryan, U., Read, C., Hawkins, P., Warnecke, M., Swanson, P., Griffith, M., Deere, D., Cunningham, M. & Cox, P. 2005. Genotypes of *Cryptosporidium* from Sydney water catchment areas. *J. Appl. Microbiol.* 98:1221-1229.
1766. Schindler, A.R., Abs El-Osta, Y.G., Stevens, M., Sinclair, M.I. & Gasser, R.B. 2005. Capillary electrophoretic analysis of fragment length polymorphism in ribosomal markers of *Cryptosporidium* from humans. *Mol. Cell. Probes* 19:394-399.
1767. Black, M. & McAnulty, J. 2006. The investigation of an outbreak of cryptosporidiosis in New South Wales in 2005. *NSW Publ. Hlth. Bull.* 17:76-79.
1768. Morgan, U.M. & Thompson, R.C.A. 1999. Identification of *Cryptosporidium* using DNA methods. *Water* 26:9-10.
1769. Foo, C., Farrell, J., Boxell, A., Robertson, I & Ryan, U.M. 2007. Novel *Cryptosporidium* genotype in wild Australian mice (*Mus domesticus*). *Appl. Environ. Microbiol.* 73:7693-7696.
1770. Stark, D., Fotedar, R., Van Hal, S., Beebe, N., Marriott, D., Ellis, J.T. & Harkness, J. 2007. Prevalence of enteric protozoa in human immunodeficiency virus (HIV)-positive and HIV-negative men who have sex with men from Sydney, Australia. *Am. J. Trop. Med. Hyg.* 76:549-552.
1771. Cinque, K., Stevens, M.A., Haydon, S.R., Jex, A.R., Gasser, R.B. & Campbell, B.E. 2008. Investigating public health impacts of deer in a protected drinking water supply watershed. *Water Sci. Technol.* 58:127-132.
1772. Ng, J., Eastwood, K., Durrheim, D., Massey, P., Walker, B., Armson, A. & Ryan, U. 2008. Evidence supporting zoonotic transmission of *Cryptosporidium* in rural New South Wales. *Exptl. Parasitol.* 119-192-195.
1773. Gunter, N.L. & Adlard, R.D. 2009. Seven new species of *Ceratomyxa* Thelohan, 1892 (Myxozoa) from the gall-bladders of serranid fishes from the Great Barrier Reef, Australia. *Syst. Parasitol.* 73:1-11.
1774. Proellocks, N.I., Kats, L.M., Sheffield, D.A., Hanssen, E., Black, C.G., Waller, K.L. & Coppel, R.L. 2009. Characterisation of PfRON6, a *Plasmodium falciparum* rhoptry neck protein with a novel cysteine-rich domain. *Int. J. Parasitol.* 39:683-692.

1775. Zhu, Y., Davis, A., Smith, B.J., Curtis, J. & Handman, E. 2009. *Leishmania major* Cor-A-like magnesium transporters play a critical role in parasite development and virulence. *Int. J. Parasitol.* 39:713-723.
1776. Hutson, K.S., Ernst, I. & Whittington, I.D. 2007. Risk assessment for metazoan parasites of yellowtail kingfish *Seriola lalandi* (Perciformes: Carangidae) in South Australian sea-cage aquaculture. *Aquaculture* 271:85-99.
1777. Lom, J. & Dykova, I. 2006. Myxozoan genera: definition and notes on taxonomy, life-cycle terminology and pathogenic species. *Fol. Parasitol.* 53:1-36.
1778. Thompson, R.C.A., Morgan, U.M., Mellor, K.J. & Hopkins, R. 1999. Genotyping *Giardia* and *Cryptosporidium*. *Today's Life Science* 11:80-86.
1779. Yang, R., Jacobson, C., Gordon, C. & Ryan, U. 2009. Prevalence and molecular characterisation of *Cryptosporidium* and *Giardia* species in pre-weaned sheep in Australia. *Vet. Parasitol.* 161:19-24.
1780. Zhu, B.Y., Hartigan, A., Reppas, G., Higgins, D.P., Canfield, P.J. & Slapeta, J. 2009. Looks can deceive: molecular identity of an intraerythrocytic apicomplexan parasite in Australian gliders. *Vet. Parasitol.* 159:105-111.
1781. Belli, S.I., Ferguson, D.J.P., Katrib, M., Slapetova, I., Mai, K., Slapeta, J., Flowers, S.A., Miska, K.B., Tomley, F.M., Shirley, M.W., Wallach, M.G. & Smith, N.C. 2009. Conservation of proteins involved in oocyst wall formation in *Eimeria maxima*, *Eimeria tenella* and *Eimeria acervulina*. *Int. J. Parasitol.*, 39:1063-1070.
1782. Reichel, M.P. & Ellis, J.T. 2009. *Neospora caninum* – How close are we to development of an efficacious vaccine that prevents abortion in cattle? *Int. J. Parasitol.* 39:1173-1187.
1783. Gunter, N.L., Whipps, C.M. & Adlard, R.D. 2009. *Ceratomyxa* (Myxozoa: Bivalvulida): robust taxon or genus of convenience? *Int. J. Parasitol.* 39:1395-1405.
1784. Pangasa, A., Jex, A.R., Campbell, B.E., Bott, N.J., Whipp, M., Hogg, G., Stevens, M.A. & Gasser, R.B. 2009. High resolution melting-curve (HRM) analysis for the diagnosis of cryptosporidiosis in humans. *Mol. Cell. Probes* 23:10-15.
1785. Jex, A.R. & Gasser, R.B. 2009. Genetic richness and diversity in *Cryptosporidium hominis* and *C. parvum* reveals major knowledge gaps and a need for the application of “next generation” technologies – research review. *Biotechnol. Adv.* doi:10.1016/j.biotechadv.2009.08.003
1786. Caccio, S.M. & Ryan, U. 2008. Molecular epidemiology of giardiasis. *Mol. Biochem. Parasitol.* 160:75-80.
1787. Cobbold, S.A., Martin, R.E. & Kirk, K. 2011. Methionine transport in the malaria parasite *Plasmodium falciparum*. *Int. J. Parasitol.* 41:125-135.
1788. O'Neill, M.T., Phuong, T., Healer, J., Richard, D. & Cowman, A.F. 2011. Gene deletion from *Plasmodium falciparum* using FLP and Cre recombinases: implications for applied site-specific recombination. *Int. J. Parasitol.* 41:117-123.
1789. Bryan, B.A., Kandulu, J., Deere, D.A., White, M., Frizenschaf, J. & Crossman, N.D. 2009. Adaptive management for mitigating *Cryptosporidium* risk in source water: a case study in an agricultural catchment in South Australia. *J. Environ. Man.* 90:3122-3134.
1790. Ladds, P. 2009. Pathology of Australian native wildlife. CSIRO Publishing, Collingwood, 640pp.
1791. Burger, M.A.A. & Adlard, R.D. 2009. Four new species of *Kudoa* Meglitsch, 1947 (Myxosporea: Multivalvulida) from Australia with recommendations for species descriptions in the Kudoidae. *Parasitology* 22pp. (doi:10.1017/S0031182009991557).
1792. Vagelli, A., Parama, A., Sanmartin, M.L. & Leiro, J. 2005. *Glugea vincentiae* n.sp. (Microsporidia: Glugeidae) infecting the Australian marine fish *Vincentia conspersa* (Teleostei: Apogonidae). *J. Parasitol.* 91:152-157.
1793. Yang, R., Lee, J., Ng, J. & Ryan, U. 2010. High prevalence *Giardia duodenalis* assemblage B and potentially zoonotic subtypes in sporadic human cases in Western Australia. *Int. J. Parasitol.* 40:293-297.

1794. Rakusa-Suszczewski, S. & Nemoto, T. 1989. Ciliates associations on the body of krill (*Euphausia superba* Dana). *Acta Protozoologica* 28:77-86.
1795. Larsen, H.F. 1987. Eine Ciliatencyste aus dem menschlichen Auge. *Mikrokosmos* 76:6-9.
1796. Kane, J.R. 1969. The Lagenophryidae in Australia and South Africa. In: Strelkov, A.A., Sukhanova, K.M. & Raikov, I.B. (eds.), *Progress in Protozoology, Abstracts of Papers read at the 3rd International Congress of Protozoology, 2-10 July 1969, Leningrad, Acad. Sci. USSR Nauk.*, pp. 368-369.
1797. Parameswaran, N., Thompson, R.C.A., Sundar, N., Pan, S., Johnson, M., Smith, N.C. & Grigg, M.E. 2010. Non-archetypal type II-like and atypical strains of *Toxoplasma gondii* infections marsupials of Australia. *Int. J. Parasitol.* 40:635-640.
1798. Bearham, D., Spiers, Z., Raidal, S., Jones, J.B. & Nicholls, P.K. 2008. Detection of *Minchinia* sp., in rock oysters *Saccostrea cucullata* (Born, 1778) using DNA probes. *J. Invert. Pathol.* 97:50-60.
1799. Grim, J.N. 2006. Food vacuole contents in the ciliate, *Balantidium jocularum* (Balantididae), a symbiont in the intestine of the surgeonfish, *Naso tonganus* (Acanthuridae). *J. Euk. Microbiol.* 53:269-274.
1800. Green, A.J., Jenkins, K.M., Bell, D., Morris, P.J. & Kingsford, R.T. 2008. The potential role of waterbirds in dispersing invertebrates and plants in arid Australia. *Freshwater Biol.* 53:380-392.
1801. King, J.S., Slapeta, J., Jenkins, D.J., Al-Qassab, S.E., Ellis, J.T. & Windsor, P.A. 2010. Australian dingoes are definitive hosts of *Neospora caninum*. *Int. J. Parasitol.* 40:945-950.
1802. Burow, L.C., Gobius, K.S., Vanselow, B.A. & Klieve, A.V. 2005. A lack of predatory interaction between rumen ciliate protozoa and Shiga-toxin producing *Escherichia coli*. *Letters Appl. Microbiol.* 40:117-122.
1803. Nowak, B., Mladineo, I., Aiken, H., Bott, N. & Hayward, C. 2006. Results of health surveys of two species of farmed tuna: southern bluefin tuna (*Thunnus maccoyii*) in Australia and northern bluefin tuna (*Thunnus thynnus*) in the Mediterranean. *Bull. Eur. Ass. Fish Pathol.* 26:38-42.
1804. Ulstrup, K.E., Kuhl, M. & Bourne, D.G. 2007. Zooxanthellae harvested by ciliates associated with brown band syndrome of corals remain photosynthetically competent. *Appl. Envir. Microbiol.* 73:1968-1975.
1805. Antonius, A. 1999. *Halofolliculina corallasia*, a new coral-killing ciliate on Indo-Pacific reefs. *Coral Reefs* 18:300.
1806. Bourne, D.G., Boyett, H.V., Henderson, M.E., Muirhead, A. & Willis, B.L. 2008. Identification of a ciliate (Oligohymenophora: Scuticociliata) associated with brown band disease on corals of the Great Barrier Reef. *Appl. Envir. Microbiol.* 74:883-888.
1807. Willis, B.L., Page, C.A. & Dinsdale, E.A. 2004. Coral disease on the Great Barrier Reef. In: Rosenberg, E. & Loya, Y. (eds.), *Coral Health and Disease*, Springer-Verlag, Berlin, pp. 69-104.
1808. Deveney, M.R., Bayly, T.J., Johnston, C.J. & Nowak, B.F. 2005. A parasite survey of farmed southern bluefin tuna, *Thunnus maccoyii* (Castelnau). *J. Fish Dis.* 28:279-284.
1809. Holt, D.C., McCarthy, J.S. & Carapetis, J.R. 2010. Parasitic diseases of remote indigenous communities in Australia. *Int. J. Parasitol.* 40:1119-1126.
1810. Hanssen, E., McMillan, P.J. & Tilley, L. 2010. Cellular architecture of *Plasmodium falciparum*-infected erythrocytes. *Int. J. Parasitol.* 40:1127-1135.
1811. Thompson, R.C.A., Lymbery, A.J. & Smith, A. 2010. Parasites, emerging disease and wildlife conservation. *Int. J. Parasitol.* 40:1163-1170.
1812. Gunzburg, S., Gracey, M., Burke, V. & Chang, B. 1992. Epidemiology and microbiology of diarrhoea in young Aboriginal children in the Kimberley region of Western Australia. *Epidemiol. Infect.* 108:67-76.
1813. Konecny, P. & Stark, D.J. 2007. An Australian case of New World cutaneous leishmaniasis. *Med. J. Aust.* 186:315-317.
1814. Parkar, U., Traub, R.J., Kumar, S., Mungthin, M., Vitali, S., Leelayoova, S., Morris, K. & Thompson, R.C.A. 2006. Direct characterisation of *Blastocystis* from faeces by PCR and evidence of zoonotic potential. *Parasitol.* 134:359-367.

1815. Thompson, R.C.A., Reynoldson, J.A., Garrow, S.C., McCarthy, J.S. & Behnke, J.M. 2001. Towards the eradication of hookworm in an isolated Australian community. *Lancet* 357:770-771.
1816. Stark, D., Pett, S., Marriott, S. & Harkness, J. 2006. Post-kala-azar dermal leishmaniasis due to *Leishmania infantum* in a human immunodeficiency virus type 1-infected patient. *J. Clin. Microbiol.* 44:1178-1180.
1817. Dougall, A., Shilton, C., Low Choy, J., Alexander, B. & Walton, S. 2009. New reports of Australian cutaneous leishmaniasis in northern Australian macropods. *Epidemiol. Infect.* 137:1516-1520.
1818. Averis, S., Thompson, R.C.A., Lymbery, A.J., Wayne, A.F., Morris, K.D. & Smith, A. 2009. The diversity, distribution and host-parasite associations of trypanosomes in Western Australian wildlife. *Parasitol.* 136:1269-1279.
1819. Wyatt, K.B., Campos, P.F., Gilbert, M.T.P., Kolokotronis, S.-O., Hynes, W.H., DeSalle, R., Daszak, P., MacPhee, R.D.E. & Greenwood, A.D. 2008. Historical mammal extinction on Christmas Island (Indian Ocean) correlates with introduced infectious disease. *PloS One* 3:1-9.
1820. Parkar, U., Traub, R.J., Vitali, S., Elliot, A., Levecke, B., Robertson, I.D., Geurden, T., Steele, J., Drake, B. & Thompson, R.C.A. 2010. Molecular characterisation of *Blastocystis* isolates from zoo animals and their animal-keepers. *Vet. Parasitol.* 169:8-17.
1821. Lee, J.Y., Ryan, U.M., Jeffries, R., McInnes, L., Forshaw, D., Friend, J.A. & Irwin, P.J. 2009. *Theileria gilberti* n. sp. (Apicomplexa: Theileriidae) in the Gilbert's potoroo (*Potorous gilbertii*). *J. Euk Microbiol.* 56:290-295.
1822. Thompson, J., Yang, R., Power, M., Hufschmid, J., Beveridge, I., Reid, S., Ng, J., Armson, A. & Ryan, U. 2008. Identification of zoonotic *Giardia* genotypes in marsupials in Australia. *Exptl. Parasitol.* 120:88-93.
1823. Johnson, J., Samarasinghe, B., Buddle, R., Armson, A. & Ryan, U. 2008. Molecular identification and prevalence of *Isospora* sp. in pigs in Western Australia using a PCR-RFLP assay. *Exptl. Parasitol.* 120:191-193.
1824. Johnson, J., Buddle, R., Reid, S., Armson, A. & Ryan, U. 2008. Prevalence of *Cryptosporidium* genotypes in pre and post-weaned pigs in Australia. *Exptl. Parasitol.* 119:418-421.
1825. Boxell, A., Hijjawi, N., Monis, P. & Ryan, U. 2008. Comparison of various staining methods for the detection of *Cryptosporidium* in cell-free culture. *Exptl. Parasitol.* 120:67-72.
1826. Power, M.L. & Ryan, U.M. 2008. A new species of *Cryptosporidium* (Apicomplexa: Cryptosporidiidae) from eastern grey kangaroos (*Macropus giganteus*). *J. Parasitol.* 94:1114-1117.
1827. Jeffries, R., Ryan, U.M. & Irwin, P.J. 2007. PCR-RFLP for the detection and differentiation of the canine piroplasm species and its use with filter paper-based technologies. *Vet. Parasitol.* 144:20-27.
1828. Jeffries, R., Ryan, U.M., Jardine, J., Robertson, I.D. & Irwin, P.J. 2007. *Babesia gibsoni*: detection during experimental infections and after combined atovaquone and azithromycin therapy. *Exptl. Parasitol.* 117:115-123.
1829. Pavlasek, I. & Ryan, U. 2008. *Cryptosporidium varanii* takes precedence over *C. saurophilum*. *Exptl. Parasitol.* 118:434-437.
1830. Ryan, U.M., Power, M. & Xiao, L. 2008. *Cryptosporidium fayeri* n. sp. (Apicomplexa: Cryptosporidiidae) from the red kangaroo (*Macropus rufus*). *J. Euk. Microbiol.* 55:22-26.
1831. Ferguson, C., Deere, D., Sinclair, M., Chalmers, R.M., Elwin, K., Hadfield, S., Xiao, L., Ryan, U., Gasser, R., El-Osta, Y.A. & Stevens, M. 2006. Meeting report: application of genotyping methods to assess risks from *Cryptosporidium* in watersheds. *Environ. Hlth. Perspectives* 114:430-434.
1832. McInnes, L.M., Ryan, U.M., O'Handley, R., Sager, H., Forshaw, D. & Palmer, D.G. 2006. Diagnostic significance of *Neospora caninum* DNA detected by PCR in cattle serum. *Vet. Parasitol.* 142:207-213.
1833. McInnes, L.M., Irwin, P., Palmer, D.G. & Ryan, U.M. 2006. *In vitro* isolation and characterisation of the first canine *Neospora caninum* isolate in Australia. *Vet. Parasitol.* 137:355-363.

1834. Morgan, U.M., Forbes, D.A. & Thompson, R.C.A. 1998. Molecular epidemiology of *Cryptosporidium parvum* infection. *Eur. J. Protistol.* 34:262-266.
1835. Gracey, M. 1992. Diarrhoea in Australian Aborigines. *Aust. J. Publ. Hlth.* 16:216-225.
1836. Thompson, R.C.A., Olson, M.E., Zhu, G., Enomoto, S., Abrahamsen, M.S. & Hijjawi, N.S. 2005. *Cryptosporidium* and cryptosporidiosis. *Adv. Parasitol.* 59:77-158.
1837. Henderson, W.R. 2009. Pathogens in vertebrate pests in Australia. Invasive Animals Cooperative Research Centre, Canberra, Australia, 30pp.
1838. Pickering, J. & Norris, C.A. 1996. New evidence concerning the extinction of the endemic murid *Rattus maccleri* from Christmas Island, Indian Ocean. *Aust. Mammal.* 19:19-25.
1839. Jones, H.I. 1980. Intestinal parasitic infections in Western Australian Aborigines. *Med. J. Aust.* 2:375-380.
1840. Ng, J., MacKenzie, B. & Ryan, U. 2010. Longitudinal multi-locus molecular characterisation of sporadic Australian human clinical cases of cryptosporidiosis from 2005-2008. *Expt. Parasitol.* 125:348-356.
1841. Reid, A., Lymbery, A., Ng, J., Tweedle, S & Ryan, U. 2010. Identification of novel and zoonotic *Cryptosporidium* species in marine fish. *Vet. Parasitol.* 168:190-195.
1842. Armson, A., Yang, R., Thompson, J., Johnson, J., Reid, S. & Ryan, U. 2009. *Giardia* genotypes in pigs in Western Australia: prevalence and association with diarrhea. *Expt. Parasitol.* 121:381-383.
1843. McInnes, L.M., Gillett, A., Ryan, U.M., Austen, J., Campbell, R.S.F., Hanger, J. & Reid, S.A. 2009. *Trypanosoma irwini* n. sp. (Sarcomastigophora: Trypanosomatidae) from the koala (*Phascolarctos cinereus*). *Parasitol.* 136:875-885.
1844. Morgan, U.M., Reynoldson, J.A. & Thompson, R.C.A. 1993. Activities of several benzimidazoles and tubulin inhibitors against *Giardia* spp. *in vitro*. *Antimicrobial Agents and Chemotherapy* 37:328-331.
1845. Morgan, U.M., Constantine, C.C. & Thompson, R.C.A. 1997. Is *Cryptosporidium* clonal? *Parasitology Today* 13:488.
1846. Morgan, U.M., Sargent, K.D., Deplazes, P., Forbes, D.A., Spano, F., Hertzberg, H., Elliot, A. & Thompson, R.C.A. 1998. Molecular characterization of *Cryptosporidium* from various hosts. *Parasitol.* 117:31-37.
1847. Morgan, U.M., Sargent, K.D., Elliot, A. & Thompson, R.C.A. 1998. *Cryptosporidium* in cats – additional evidence for *C. felis*. *The Veterinary Journal* 156:159-161.
1848. Lee, L., Dinudom, A., Mitchell, A.J., Grau, G.E., Cook, D.I., Hunt, N.H. & Ball, H.J. 2011. Reduced activity of the epithelial sodium channel in malaria-induced pulmonary oedema in mice. *Int. J. Parasitol.* 41:81-88.
1849. Elliot, A., Morgan, U.M. & Thompson, R.C.A. 1999. Improved staining method for detecting *Cryptosporidium* oocysts in stools using malachite green. *J. Gen. Appl. Microbiol.* 45:139-142.
1850. Xiao, L., Morgan, U.M., Limor, J., Escalante, A., Arrowood, M., Schulaw, W., Thompson, R.C.A., Fayer, R. & Lal, A.A. 1999. Genetic diversity within *Cryptosporidium parvum* and related *Cryptosporidium* species. *Appl. Environ. Microbiol.* 65:3386-3391.
1851. Morgan, U.M., Xiao, L., Monis, P., Sulaiman, I., Pavlasek, I., Blagburn, B., Olsen, M., Upton, S.J., Khramtsov, N.V., Lal, A., Elliot, A. & Thompson, R.C.A. 2000. Molecular and phylogenetic analysis of *Cryptosporidium muris* from various hosts. *Parasitol.* 120:457-464.
1852. Sulaiman, I.M., Morgan, U.M., Thompson, R.C.A., Lal, A.A., & Xiao, L. 2000. Phylogenetic relationships of *Cryptosporidium* parasites based on the 70-kilodalton heat shock protein (HSP70) gene. *Appl. Environ. Microbiol.* 66:2385-2391.
1853. Xiao, L., Limor, J., Morgan, U.M., Sulaiman, I.M., Thompson, R.C.A. & Lal, A.A. 2000. Sequence differences in the diagnostic target region of the oocyst wall protein gene of *Cryptosporidium* parasites. *Appl. Environ. Microbiol.* 66:5499-5502.

1854. Hijjawi, N.S., Meloni, B.P., Morgan, U.M. & Thompson, R.C.A. 2001. Complete development and long-term maintenance of *Cryptosporidium parvum* human and cattle genotypes in cell culture. *Int. J. Parasitol.* 31:1048-1055.
1855. Morgan-Ryan, U.M., Fall, A., Ward, L.A., Hijjawi, N., Sulaiman, I., Fayer, R., Thompson, R.C.A., Olson, M., Lal, A. & Xiao, L. 2002. *Cryptosporidium hominis* n. sp. (Apicomplexa: Cryptosporidiidae) from *Homo sapiens*. *J. Euk. Microbiol.* 49:433-440.
1856. Xiao, L., Sulaiman, I.M., Ryan, U.M., Zhou, L., Atwill, E.R., Tischler, M.L., Zhang, X., Fayer, R. & Lal, A.A. 2002. Host adaptation and host-parasite co-evolution in *Cryptosporidium*: implications for taxonomy and public health. *Int. J. Parasitol.* 32:1773-1785.
1857. Hijjawi, N.S., Meloni, B.P., Ryan, U.M., Olson, M.E. & Thompson, R.C.A. 2002. Successful *in vitro* cultivation of *Cryptosporidium andersoni*: evidence for the existence of novel extracellular stages in the life cycle and implications for classification of *Cryptosporidium*. *Int. J. Parasitol.* 32:1719-1726.
1858. Fall, A., Thompson, R.C.A., Hobbs, R.P. & Morgan-Ryan, U.M. 2003. Morphology is not a reliable tool for delineating species within *Cryptosporidium*. *J. Parasitol.* 89:399-402.
1859. Ng, J.S.Y, Pingault, N., Gibbs, R., Koehler, A. & Ryan, U. 2010. Molecular characterisation of *Cryptosporidium* outbreaks in Western and South Australia. *Expt. Parasitol.* 125:325-328.
1860. Hijjawi, N., Estcourt, A., Yang, R., Monis, P. & Ryan, U. 2010. Complete development and multiplication of *Cryptosporidium hominis* in cell-free culture. *Vet. Parasitol.* 169:29-36.
1861. Duszynski, D.W. & Upton, S.J. 2009. *The Biology of the Coccidia (Apicomplexa) of Snakes of the World*. Charleston, USA. 422pp.
1862. Singleton, G.R., Brown, P.R., Pech, R.P., Jacob, J., Mutze, G.J. & Krebs, C.J. 2005. One hundred years of eruptions of house mice in Australia – a natural biological curio. *Biol. J. Linn. Soc.* 84:617-627.
1863. O'Callaghan, M., Reddin, J. & Lehmann, D. 2005. Helminth and protozoan parasites of feral cats from Kangaroo Island. *Trans. Roy. Soc. Sth. Aust.* 129:81-83.
1864. Hampton, J., Spencer, P.B.S., Elliot, A.D. & Thompson, R.C.A. 2006. Prevalence of zoonotic pathogens from feral pigs in major public drinking water catchments in Western Australia. *EcoHealth* 3:103-108.
1865. Barratt, J., Al Qassab S., Reichel, M.P. & Ellis, J.T. 2008. The development and evaluation of a nested PCR assay for detection of *Neospora caninum* and *Hammondia heydorni* in feral mouse tissues. *Mol. Cell. Probes* 22:228-233.
1866. Durham, H.E. 1908. Notes on nagana and on some haematozoa observed during my travels. *Parasitology* 1:227-235.
1867. Brown, G.K., Canfield, P.J., Dunstan, R.H., Roberts, T.K., Martin, A.R., Brown, C.S. & Irving, R. 2006. Detection of *Anaplasma platys* and *Babesia canis vogeli* and their impact on platelet numbers in free-roaming dogs associated with remote Aboriginal communities in Australia. *Aust. Vet. J.* 84:321-325.
1868. Attwood, H.D. & Woolley, P.A. 1982. Histopathology of captive dasyurid marsupials. In: Evans, D.D. (ed.), *The Management of Australian Mammals in Captivity*, Zoological Board of Victoria, Melbourne, pp. 27-30.
1869. Frank, W. & Hafner, U. 1981. Host range and host specificity of *Sarcocystis*. *Zbl. Bakt. Hyg., I. Abt. Orig. A* 250:355-360.
1870. Heiniger, H., Gunter, N.L. & Adlard, R.D. 2011. Re-establishment of the family Coccomyxidae and description of five novel species of *Auerbachia* and *Coccomyxa* (Myxosporea: Bivalvulida) parasites from Australian fishes. *Parasitology* 138:501-515.
1871. Miller, C.M., Zakrzewski, A.M., Ikin, R.J., Boulter, N.R., Katrib, M., Lees, M.P., Fuller, S.J., Wiley, J.S. & Smith, N.C. 2011. Dysregulation of the inflammatory response to the parasite, *Toxoplasma gondii*, in P2X₇ receptor-deficient mice. *Int. J. Parasitol.* 41:301-308.

1872. Clark, P. & Spencer, P.B.S. 2007. Description of three new species of *Theileria* Bettencourt, Franca & Borges, 1907 from Macropodoidea in Western Australia. *Trans. Roy. Soc. Sth. Aust.* 131:100-106.
1873. Nolan, M.J., Jex, A.R., Haydon, S.R., Stevens, M.A. & Gasser, R.B. 2010. Molecular detection of *Cryptosporidium cuniculus* in rabbits in Australia. *Infection, Genetics & Evolution* 10:1179-1187.
1874. Jex, A.R., Pangasa, A., Campbell, B.E., Whipp, M., Hogg, G., Sinclair, M.I., Stevens, M. & Gasser, R.B. 2008. Classification of *Cryptosporidium* species from patients with sporadic cryptosporidiosis by use of sequence-based multilocus analysis following mutation scanning. *J. Clin. Microbiol.* 46:2252-2262.
1875. Nolan, M.J., Jex, A.R., Mansell, P.D., Browning, G.F. & Gasser, R.B. 2009. Genetic characterization of *Cryptosporidium parvum* from calves by mutation scanning and targeted sequencing – zoonotic implications. *Electrophoresis* 30:2640-2647.
1876. Waldron, L.S., Ferrari, B.C. & Power, M.L. 2009. Glycoprotein 60 diversity in *C. hominis* and *C. parvum* causing human cryptosporidiosis in NSW, Australia. *Exptl. Parasitol.* 122:124-127.
1877. Backhouse, T.C. & Bolliger, A. 1957. A piroplasm of the echidna (*Tachyglossus aculeatus*). *Aust. J. Sci.* 20:24-25.
1878. Cantacessi, C., Riddell, S., Morris, G.M., Doran, T., Woods, W.G., Otranto, D. & Gasser, R.B. 2008. Genetic characterization of three unique operational taxonomic units of *Eimeria* from chickens in Australia based on nuclear spacer ribosomal DNA. *Vet. Parasitol.* 152:226-234.
1879. Curtis, L.M., Grutter, A.S., Smit, N.J. & Davies, A.J. 2013. *Gnathia aureamaculosa*, a likely definitive host of *Haemogregarina balistapi* and potential vector for *Haemogregarina bigemina* between fishes of the Great Barrier Reef, Australia. *Int. J. Parasitol.* 43:361-370.
1880. Hartigan, A., Phalen, D.N. & Slapeta, J. 2013. Myxosporean parasites in Australian frogs: importance, implications and future directions. *Int. J. Parasitol.: Parasites and Wildlife* 2:62-68.
1881. Lettoof, D.C., Greenlees, M.J., Stockwell, M. & Shine, R. 2013. Do invasive cane toads affect the parasite burdens of native Australian frogs? *Int. J. Parasitol.: Parasites and Wildlife* 2:155-164.
1882. Hollings, T., Jones, M., Mooney, N. & McCallum, H. 2013. Wildlife disease ecology in changing landscapes: mesopredator release and toxoplasmosis. *Int. J. Parasitol.: Parasites and Wildlife* 2:110-118.
1883. Austen, J.M., Ryan, U.M., Friend, J.A., Ditcham, W.G.F. & Reid, S.A. 2011. Vector of *Trypanosoma copemani* identified as *Ixodes* sp. *Parasitol.* 138:866-872.
1884. Botero, A., Thompson, C.K., Peacock, C.S., Clode, P.L., Nicholls, P.K., Wayne, A.F., Lymbery, A.J. & Thompson, R.C.A. 2013. Trypanosomes genetic diversity, polyparasitism and the population decline of the critically endangered Australian marsupial, the brush tailed bettong or woylie (*Bettongia penicillata*). *Int. J. Parasitol.: Parasites and Wildlife* 2:77-89.
1885. Crosbie, P.B.B., Bridle, A.R., Cadoret, K. & Nowak, B.F. 2012. In vitro cultured *Neoparamoeba perurans* causes amoebic gill disease in Atlantic salmon and fulfils Koch's postulates. *Int. J. Parasitol.* 42:511-515.
1886. Dougall, A.M., Alexander, B., Holt, D.C., Harris, T., Sultan, A.H., Bates, P.A., Rose, K. & Walton, S.F. 2011. Evidence incriminating midges (Diptera: Ceratopogonidae) as potential vectors of *Leishmania* in Australia. *Int. J. Parasitol.* 41:571-579.
1887. Weilinga, C., Ryan, U., Thompson, R.C.A. & Monis, P. 2011. Multi-locus analysis of *Giardia duodenalis* intra-Assemblage B substitution patterns in cloned culture isolates suggests sub-Assemblage B analyses will require multi-locus genotyping with conserved and variable genes. *Int. J. Parasitol.* 41:495-503.
1888. Hamilton, P.B., Stevens, J.R., Holz, P., Boag, B., Cooke, B. & Gibson, W.C. 2005. The inadvertent introduction into Australia of *Trypanosoma nabiasi*, the trypanosome of the European rabbit (*Oryctolagus cuniculus*), and its potential for biocontrol. *Mol. Ecol.* 14:3167-3175.

1889. McInnes, L.M., Gillett, A., Hanger, J., Reid, S.A. & Ryan, U.M. 2011. The potential impact of native Australian trypanosome infections on the health of koalas (*Phascolarctis cinereus*). *Parasitol.* 138:873-883.
1890. McInnes, L.M., Hanger, J., Simmons, G., Reid, S.A. & Ryan, U.M. 2011. Novel trypanosome *Trypanosoma gilletti* sp. (Euglenozoa: Trypanosomatidae) and the extension of the host range of *Trypanosoma copemani* to include the koala (*Phascolarctus cinereus*). *Parasitol.* 138:59-70.
1891. Landau, I., Chavatte, J.M., Karadjian, G., Chabaud, A. & Beveridge, I. 2012. The haemosporidian parasites of bats with description of *Sprattiella alecto* gen. nov., sp. nov. *Parasite* 19:137-146.
1892. Landau, I., Chavatte, J.M. & Beveridge, I. 2012. *Johnspretia copemani* gen. nov., sp. nov. (Haemoproteidae), a parasite of the flying-fox, *Pteropus alecto* (Pteropidae) from Queensland. *Mem. Qld. Museum – Nature* 56:61-66.
1893. Stark, D., Beebe, N., Marriott, D., Ellis, J. & Harkness, J. 2005. Prospective study of the prevalence, genotyping, and clinical relevance of *Dientamoeba fragilis* infections in an Australian population. *J. Clin. Microbiol.* 43:2718-2723.
1894. Stark, D.J., Beebe, N., Marriott, D., Ellis, J.T. & Harkness, J. 2006. Dientamoebiasis: clinical importance and recent advances. *Trends in Parasitol.* 22:92-96.
1895. Stark, D., Beebe, N., Marriott, D., Ellis, J. & Harkness, J. 2007. *Dientamoeba fragilis* as a cause of traveler's diarrhea: report of seven cases. *J. Travel Med.* 14:72-73.
1896. Stark, D., Barratt, J., Roberts, T., Marriott, D., Harkness, J. & Ellis, J. 2010. Comparison of microscopy, two xenic culture techniques, conventional and real-time PCR for the detection of *Dientamoeba fragilis* in clinical stool samples. *Eur. J. Clin. Microbiol. Infect. Dis.* 29:411-416.
1897. Stark, D., Barratt, J., Ellis, J., Harkness, J. & Marriott, D. 2009. Repeated *Dientamoeba fragilis* infections: a case report of two families from Sydney, Australia. *Infect. Dis. Report* 1:7-9.
1898. Banik, G.R., Barratt, J.L.N., Marriott, D., Harkness, J., Ellis, J.T. & Stark, D. 2011. A case-controlled study of *Dientamoeba fragilis* infections in children. *Parasitol.* 138:819-823.
1899. Stark, D., Barratt, J., Roberts, T., Marriott, D., Harkness, J. & Ellis, J. 2010. A review of the clinical presentation of dientamoebiasis. *Am. J. Trop. Med. Hyg.* 82:614-619.
1900. Jeffries, R., Ryan, U.M., Muhlneckel, C.J. & Irwin, P.J. 2003. Two species of canine *Babesia* in Australia: detection and characterization by PCR. *J. Parasitol.* 89:409-412.
1901. Senanayake, S.N., Papparini, A., Latimer, M., Andriolo, K., Dasliwa, A.J., Wilson, H., Xayavong, M.V., Collignon, P.J., Jeans, P. & Irwin, P.J. 2012. First report of human babesiosis in Australia. *Med. J. Aust.* 196:350-352.
1902. Papparini, A., Ryan, U.M., Warren, K., McInnes, L.M., de Tores, P. & Irwin, P.J. 2012. Identification of novel *Babesia* and *Theileria* genotypes in the endangered marsupials, the woylie (*Bettongia penicillata ogilbyi*) and boodie (*Bettongia lesueur*). *Exptl. Parasitol.* 131:25-30.
1903. Dawood, K.E., Morgan, J.A.T., Busfield, F., Srivastava, M., Fletcher, T.I., Sambono, J., Jackson, L.A., Venus, B., Philbey, A.W. & Lew-Tabor, A.E. 2013. Observation of a novel *Babesia* spp. in eastern grey kangaroos (*Macropus giganteus*) in Australia. *Int. J. Parasitol.: Parasites and Wildlife* 2:54-61.
1904. Yabsley, M.J. & Shock, B.C. 2013. Natural history of zoonotic *Babesia*: role of wildlife reservoirs. *Int. J. Parasitol.: Parasites and Wildlife* 2:18-31.
1905. Browne, R.K., Li, H. & Vaughan, M. 2006. Sexually mediated shedding of *Myxobolus fallax* spores during spermiation of *Litoria fallax* (Anura). *Dis. Aquat. Org.* 72:71-75.
1906. Mann, R.M., Hyne, R.V. & Choung, C.B. 2010. Hormonal induction of spermiation, courting behavior and spawning in the Southern bell frog, *Litoria raniformis*. *Zoo Biol.* 29:774-782.
1907. Hartigan, A., Phalen, D.N. & Slapeta, J. 2010. Museum material reveals a frog parasite emergence after the invasion of the cane toad in Australia. *Parasites and Vectors* 3:50 (6pp.).
1908. Hartigan, A., Fiala, I., Dykova, I., Jirku, M., Okimoto, B., Rose, K., Phalen, D.N. & Slapeta, J. 2011. A suspected parasite spill-back of two novel *Myxidium* spp. (Myxosporea) causing disease in Australian endemic frogs found in the invasive cane toad. *PLoS ONE* 6:e18871 (12pp.).

1909. Hartigan, A., Peacock, L., Rosenwax, A., Phalen, D.N. & Slapeta, J. 2012. Emerging myxosporean parasites of Australian frogs take a ride with fresh fruit transport. *Parasites and Vectors* 5:208 (4pp.).
1910. Hartigan, A., Dhand, N.K., Rose, K., Slapeta, J. & Phalen, D.N. 2012. Comparative pathology and ecological implications of two myxosporean parasites in native Australian frogs and the invasive cane toad. *PLoS ONE* 7:e43780 (14pp.).
1911. Hartigan, A., Fiala, I., Dykova, I., Rose, K., Phalen, D.N. & Slapeta, J. 2012. New species of Myxosporea from frogs and resurrection of the genus *Cystodiscus* Lutz, 1889 for species with myxospores in gallbladders of amphibians. *Parasitol.* 139:478-496.
1912. Hartigan, A., Sangster, C., Rose, K., Phalen, D.N. & Slapeta, J. 2012. Myxozoan parasite in brain of critically endangered frog. *Emerg. Infect. Dis.* 18:693-695.
1913. Thompson, C.K., Botero, A., Wayne, A.F., Godfrey, S.S., Lymbery, A.J. & Thompson, R.C.A. 2013. Morphological polymorphism of *Trypanosoma copemani* and description of the genetically diverse *T. vegrandis* sp. nov. from the critically endangered Australian potoroid, the brush-tailed bettong (*Bettongia penicillata* (Gray, 1837)). *Parasites and Vectors* 6:121 (13pp.).
1914. Mayne, P.J. 2011. Emerging incidence of Lyme borreliosis, babesiosis, bartonellosis, and granulocytic ehrlichiosis in Australia. *Int. J. Gen. Med.* 4:845-852.
1915. Munasinghe, V.S., Vella, N.G.F., Ellis, J.T., Windsor, P.A. & Stark, D. 2013. Cyst formation and faecal-oral transmission of *Dientamoeba fragilis* – the missing link in the life cycle of an emerging pathogen. *Int. J. Parasitol.* 43:879-883.
1916. Barnes, T.S., Goldizen, A.W., Morton, J.M. & Coleman, G.T. 2010. Parasites of the brush-tailed rock-wallaby (*Petrogale penicillata*). *J. Wildlife Dis.* 46:218-228.
1917. Vermeulen, E.T., Ashworth, D.L., Eldridge, M.D.B. & Power, M.L. 2015. Investigation into potential transmission sources of *Giardia duodenalis* in a threatened marsupial (*Petrogale penicillata*). *Infect. Gen. Evol.* 33:277-280.
1918. Vermeulen, E.T., Ashworth, D.L., Eldridge, M.D.B. & Power, M.L. 2015. Diversity of *Cryptosporidium* in brush-tailed rock-wallabies (*Petrogale penicillata*) managed within a species recovery programme. *Int. J. Parasitol Parasites Wildl.* 4:190-196.
1919. Close, R.L., Ingleby, S., van Oorschot, R.A.H., Gooley, A.A., Briscoe, D.A. & Sharman, G.B. 1988. Identification of rock-wallabies, *Petrogale penicillata* (Gray, 1825), from the Grampians, Victoria, and comparison with conspecifics by examination of chromosomes, blood proteins, cell surface antigens, parasites and morphology. *Aust. J. Zool.* 36:99-110.
1920. Thompson, R.C.A., Smith, A., Lymbery, A.J., Averis, S., Morris, K.D. & Wayne, A.F. 2010. *Giardia* in Western Australian wildlife. *Vet. Parasitol.* 170:207-211.