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A Checklist of Host-Parasite Interactions of the Order Crocodylia

Marisa Tellez

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A CHECKLIST OF HOST-PARASITE INTERACTIONS OF THE ORDER
CROCODYLIA



An American Crocodile, *Crocodylus acutus*. Photograph taken by Marisa Tellez on July 14, 2010 at WASA Lagoon, San Pedro, Ambergris Caye, Belize.

A CHECKLIST OF
HOST-PARASITE INTERACTION OF THE ORDER CROCODYLIA

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To the Garcia and Tellez Family

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This crocodylian-parasite checklist and synthesis is dedicated to my Tio Fernie and Tia Rosie whose support, inspiration and love throughout their years on earth gave me the motivation to accomplish this project. The inner strength and faith they instilled in me will continue to assist me in overcoming any hurdle or challenge the future may bring.

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ABSTRACT

Records of parasitism in crocodylians date back to the early 1800s, distributed among published and unpublished manuscripts, and international parasite catalogs. It is possible that parasites of crocodylians are highly host specific, resulting in a relationship that began over 200 million years ago. Analyzing parasite-host specificity, geographic distribution, and taxonomy can provide otherwise cryptic details about crocodylian ecology and evolution, as well as their local food web dynamics. This information may also be useful to implement improved conservation tactics for both crocodylians and their habitat.

As climate change, anthropogenic conflict, and environmental pollution endanger crocodylian ecosystems, there is a need for organized information on crocodile, alligator, caiman, and gharial infectious diseases. This is the first checklist of crocodylians and their parasites. I trust this compilation will encourage further studies that incorporate ecology, parasitology, phylogeography, coevolution, and immunology to bring insight to crocodylian life-history, evolution, and conservation. Additionally, this information may encourage veterinarians, biologists, and ecologists to expand studies of other reptilian-parasite systems, and perhaps improve our understanding of human impacts on ecosystems.

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INTRODUCTION

The order Crocodylia comprises of an archaic lineage of reptiles descended from an archosaurian ancestor that lived about 254 million years ago (Janke and Arnason, 1997). Behavioral, morphological and physiological adaptations such as parental care, a four-chambered heart, and osmoregulation capabilities are crocodilian characteristics that distinguish them from other reptilians (Shine, 1988; Mazzotti and Dunson, 1989; Franklin and Axelsson, 1994). The immediate and non-hesitant immune system of crocodilians, in comparison to other vertebrates, is an exceptional evolutionary adaptation in response to wounds from intra- and interspecific conflict in bacteria-laden environments (Merchant et al., 2003, 2004, 2005). This suite of adaptations may have contributed to their long term persistence in changing environments since the Triassic.

Extant crocodilians inhabit sub-tropical and tropical locations around the world. As keystone predators, crocodilians are a significant contributor to community structure in generally high biomass, and low turnover ecosystems. However, their greatly reduced abundance under human hunting pressure has extirpated them from many locations, restricted their geographic ranges, and diminished their ecosystem role (Platt and Thorbjarnarson, 2000; Huchzermeyer, 2003; Richards et al., 2004; van der Ploeg and van Weerd, 2008; Shirley et al., 2009). Ultimately this can impact the interaction between crocodilians and their parasites, resulting in two negative outcomes. First, anthropogenic interactions can decrease parasitic prevalence and abundance in a host population by external factors hindering parasitic transmission or killing free-living stages of the parasite (Bush et al., 2001). Although this may seem beneficial, parasites that are host-specific for crocodilians may have developed relationships with their hosts, that may have contributed over evolutionary time the ability to repel a broad spectrum of invasive pathogens. The alteration of the host-parasite dynamics may contribute

to a reduced ability to adjust to anthropogenic disturbances, enhancing crocodilian susceptibility to common and foreign parasites (Combes, 2001; Schoeb et al., 2002). In contrast, ecosystem perturbations may enhance the prevalence and intensity of certain parasites within a host population (Lafferty, 1997; Lafferty and Kuris, 1999). Increased parasite burdens in concurrence with immunosuppression caused by chronic stress in rapidly changing environments may enable viral, bacterial and parasitic infections to proliferate and overwhelm normal defense mechanisms, ultimately increasing morbidity or mortality of the host (Lafferty, 1997; Lafferty and Kuris, 1999; Koprivnikar and Walker, 2011). This is of considerable concern as the decline or elimination of keystone predators, including their parasites, can alter trophic dynamics, potentially triggering the collapse of an ecosystem (Fortin et al., 2005; Hudson et al., 2006; Myers et al., 2007; Ripple and Beschta, 2007).

The purpose of this database is to provide information that can further knowledge on the crocodilian-parasite dynamic that may be useful for scientific research and conservation management. As an example of the utility of this database, knowledge of shared parasite species or genera may assist investigations on the phylogenetic relationships among the New World crocodilian clade (Densmore and White, 1991; Brochu, 2000; Ray and Densmore, 2003; White and Densmore, 2000). Molecular and fossil evidence indicate that *Crocodylus* originated in Africa, and that the New World crocodilians appeared in the western hemisphere in the Late Miocene or Pliocene (White and Densmore, 2000; Brochu, 2000, 2004; Velez-Juarbe et al., 2007). The direction of dispersal is in question because *C. niloticus* maybe phylogenetically closer to New World crocodilians than to other species in Africa (Gatsey and Amato, 1998; Meganathan et al., 2010). The phylogenetic analysis of parasites among these crocodilians may provide a new perspective on the phylogenetic relationships of *Crocodylus*. Thus, the ability to use host-parasite data may enhance studies of crocodilian phylogeny and biology. This may be beneficial for both conservation, and other aspects of parasitology and crocodilian research.

MATERIAL AND METHODS

BACKGROUND INFORMATION

Records of parasites in crocodylians date to the early 1800s. Sources of information on crocodylian parasites are widely scattered and often published in inaccessible journals. Previously published checklists of vertebrate or reptilian parasites have included crocodylians, however many did not include all crocodylian species, nor all crocodylian parasite species reported (York and Maplestone, 1926; Dubois, 1936b, 1938b; Schuurmans-Stekhoven, 1937; Hughes et al., 1941b,c, 1942; Skrjabin, 1951a,b,c, 1964; Yamaguti, 1954, 1958, 1971, 1975; Dubois, 1969; Lauckner, 1985; Baker, 1987; Thatcher, 1993; Huchzermeyer, 2003). For example, Lauckner (1985) in the *Diseases of Marine Mammals* edited by Kinne overlooked listing the parasites of *Crocodylus porosus*, the saltwater crocodile (Kuris 1989). Further, systematics of crocodylians and their parasites have been extensively revised (for example, Nasir, 1974; Brooks, 1980). This can be confusing for scientists, researchers, students, and herpetologists interested in crocodylian biology and parasitology. To assist investigations of ecological and veterinary significance, I provide here a annotated checklist of crocodylian parasites.

This checklist includes all crocodylian species and subspecies recognized by the International Union for Conservation of Nature (IUCN) and the Crocodile Specialist Group (CSG). The survey includes all parasites identified in the particular host from the earliest documented crocodylian parasite (Rudolphi, 1819) to the present. A few records could not be examined and were excluded. Additionally, some parasites have gone through many taxonomic changes, such as species in Cryptogonimidae (Digenea). I have updated the nomenclatures for both hosts and parasites.

This synthesis of crocodylian-parasite interactions has been created to establish a foundation for future work. This information may foster studies that will not only contribute to the conservation and stability of crocodylians and their habitats, but also to the preservation of local flora and fauna, as well as to support the livelihood of people who utilize crocodylians for economic or cultural purposes.

SOURCES OF DOCUMENTATION

In searching records of parasites in crocodyles, the following sources were consulted.

1. Crocodylian, parasite and veterinary books.
2. Previous vertebrate and reptilian checklists, as well as taxonomic revisions from previous studies. Checklists or revisions that did not provide new or vital information on a parasite were not cited.
3. Research throughout scientific databases such as Melvyl, Zoological Record, Biosis, Web of Science, Google Scholar, WorldCat, and Jstor. In each database, search words included “parasite and crocodile/alligator/caiman/gharial,” “parasite and ‘crocodylian species name’,” “crocodyle/alligator/caiman/gharial and pathogens,” and “crocodyle/alligator/caiman/gharial, host-parasite relationship.” Synonymies were added to the checklist.
4. Various parasite-host databases were also searched: H.W. Manter Laboratory Collection, The Natural History Museum of London, the United States National Parasite Collection database, and the Catálogo de la Colección Nacional de Helminitos by Lamouthe-Argumedo (1997), which includes parasitic vouchers deposited at the Universidad Nacional Autónoma de Mexico. Abbreviations used to on-line parasite databases: H.W. Manter Laboratory Collection, MLC; National History Museum of London, NHM; Biosystematics and the US National Parasite Collection, NPC; Catálogo de la Colección Nacional de Helminitos, CCNH.

5. Museum databases of particular countries (for example, the National Museum of the Philippines for *Crocodylus mindorensis*) were searched. All databases were examined by using the crocodilian species name (and its synonymy) to detect if the database contained parasite references from a particular host. All museums contacted that had crocodilian parasites listed in a publication were not separately cited as above museums (NHM) or databases (CCNH): Australia, University of Queensland Museum; Brazil, Oswaldo Cruz Institute; India, National Museum of Natural History, New Delhi; Mexico, National History Museum, Mexico City; Philippines, National Museum of the Philippines; South Africa, Ditsong Museum of Natural History; Thailand, Thailand National Science Museum, Pathum Thani; Chulalongkorn University Museum of Natural History, Bangkok; Veterinarical Anatomy Museum, Kasetsart University, Bangkok; Pathology Museum, Kasetsart University, Bangkok; Kasetsart University's Zoological Museum, Bangkok; United States of America, Florida Museum of Natural History, South Florida Museum, Louisiana Museum of Natural History, South Carolina Natural History Museum, US Smithsonian Museum of Natural History.
6. Several wildlife departments and researchers studying particular crocodilian species or that may have had information on crocodilian parasitism were contacted for further unpublished information: Dr. Win Chaeychomsri, Department of Zoology, Faculty of Science, Kasetsart University, Thailand; Dr. Ruth Elsey, Louisiana Department of Wildlife and Fisheries, Louisiana, USA; Dr. Fritz Huchzermeyer, Johannesburg, South Africa; Dr. Valentine Lance, Graduate School of Public Health, San Diego State University, USA; Dr. Paolo Martelli, Ocean Park, Hong Kong; Dr. Javier Nevarez, School of Veterinary Medicine, Louisiana State University, USA; Dr. Kent Vliet, Department of Biology, University of Florida, USA; Rom Whitaker, Madras Crocodile Bank, India.
7. The steering committee of the Crocodile Specialist Group (CSG) provided further scientific contacts that may assist in crocodilian parasite research.

TAXONOMY OF HOSTS AND PARASITES

Taxonomy of parasites was updated using Gibson et al. (2002), Jones et al. (2005), Bray et al. (2008), Anderson et al. (2009), on-line journals, and various internet taxonomic sites to achieve the most recent taxonomy. To verify taxonomic order and author, I used various websites: HYPERLINK, <http://zoology.fns.uniba.sk/faeu/worksheets/hierarchy.pdf>; Uniprot-Taxonomy, <http://www.uniprot.org/taxonomy/>; Index to organisms names (ION), <http://organismnames.com/query.htm>; Taxonomicon, <http://www.taxonomy.nl/Taxonomicon/TaxonTree.aspx>.

USE OF THE DATABASE

The crocodilian-parasite database lists parasites under crocodilian hosts. Crocodilians are listed according to taxonomic status: family, species, subspecies. Parasites from a crocodilian species are listed by phylum, order, family, genus and species. Some parasites were only identified to the level of phylum or order and are listed as “Unknown” at the level of identification. Published and unpublished records of finding crocodilian parasites are documented by date of publication or discovery. An example of the database follows with explanations. The parasite-host database is similarly organized.

INTERPRETING CROCODYLIAN-PARASITE DATABASE

Crocodylus acutus* Cuvier 1807*American Crocodile**

Synonyms: *Crocodylus florindanus*, *Crocodylus americanus*, *Lacerta crocodylus*

NEMATODAENOPLIDA

CAPILLARIIDAE

Paratrichosoma recurvum (Solger, 1877) Ashford and Muller 1978. Mexico. Solger (1877); Mexico. Abdominal skin. Ashford and Muller (1978); Mexico. Abdominal skin. Moravec (2001); Mexico. NHM (2010).

Crocodylus acutus Cuvier 1807

American Crocodile- Common name

Synonyms- Will follow the current taxonomic name.

NEMATODA- Phylum of parasite in bold and upper case.

ENOPLIDA- Order of parasite underlined and upper case.

CAPILLARIDAE- Family of parasite in upper case.

Paratrichosoma recurvum (Solger, 1877) Ashford and Muller 1978- Genus and species

followed by the name(s) of original describer(s). If the parasite was substantially revised, names of the describer(s) will be in parentheses, and revisor(s) will follow.

Mexico- Geographic location of the host record if available.

Abdominal skin- Site of infection if available.

Ashford and Muller (1978)- the citation of the source.

NHM (2010)- Denotes parasite was found in the National History Museum of London when searching the database during 2010.

CROCODILIAN-PARASITE DATABASE

Alligator mississippiensis (Daudin 1801)

American Alligator

Synonyms: *Crocodylus mississippiensis* Daudin 1802, *Crocodylus lucius* Cuvier 1807, *Crocodylus cuvieri* Leach 1815, *Crocodylus lucius* Cuvier 1831, *Alligator lucius* Dumeril and Bibron 1836

PROTEOBACTERIA**GAMMAPROTEOBACTERIA**ENTEROBACTERIALIES

ENTEROBACTERIACEAE

Escherichia coli (Migula 1895) Castellani and Chalmers 1919. Heart blood, intestines, liver and lungs. Russel and Herman (1970); Huchzermeyer (2003) as *Trichomonas* sp.

APICOMPLEXA**COCCIDIASINA**EUCOCCIDIORIDA

EIMERIIDAE

Eimeria sp. Schneider 1875. Jacobson (1984).

Eimeria alligatori McAllister and Upton 1990. Cameron and Jefferson Counties, Florida, USA.

Feces. McCallister and Upton (1990); Huchzermeyer (2003); Jefferson County, USA. Feces. NPC (2010).

Eimeria hatcheri McAllister and Upton 1990. Cameron and Jefferson Counties, Florida, USA. Feces. McCallister and Upton (1990); Huchzermeyer (2003); Jefferson County, USA. Feces. NPC (2010).

HAEMOGREGARINIDAE

Haemogregarina sp. Danilewsky 1885. Zoological Gardens, USA. Blood near intestines. Plimmer (1912); Blood. Glassman et al., (1972); Savannah River, South Carolina, USA. Blood. Davis et al. (2011).

Haemogregarina crocodilinum Borner 1901. Blood in bone marrow and spleen. Borner (1901); Prowazek (1912); Wenyon (1926); South Carolina, USA. Small intestine. Hazen et al. (1978); Arkansas, Florida, North Carolina, and South Carolina, USA. Blood. Khan (1980); Southern Florida, USA. Blood. Cherry and Ager (1982); South Carolina, USA. Blood. Jacobson (1984); Huchzermeyer (2003) as *Hepatozoon crocodilinum*; Palm Beach, Florida, USA. NPC (2010); Savannah River, South Carolina, USA. Blood. Davis et al. (2011).

UNKNOWN

Blood parasite. Lake Griffin, Florida, USA. Blood. Schoeb et al. (2002).

PLATYHELMINTHES

CESTODA

UNKNOWN

Unidentified cestode. East Texas. Stomach (via flushing). Saalfeld et al. (2011).

DIGeneaPLAGIORCHIIDA

CRYPTOGONIMIDAE

Acanthostomum sp. Looss 1899. Lake Griffin, Florida, USA. Intestine. Schoeb et al. (2002); Florida. NHM (2010).

Acanthostomum pavidum Brooks and Overstreet 1977. Middle third of intestine. Alachua County, Florida, USA, and Cameron Parish, Louisiana, and Jackson County, Mississippi. Brooks and Overstreet (1977); Southeastern USA. Brooks (1980) as *Caimanicola pavidum*; Florida, Louisiana, and Mississippi, USA. Lamothe-Argumedo and Ponciano Rodriguez (1986) as *Proctocaecum pavidum*; Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003); Florida and Louisiana, USA. Intestine. MLC (2010); Texas, and Southern USA. NHM (2010) as *A. pavidum* and *Proctocaecum pavidum*; Jefferson County, Texas, and Mandeville, Louisiana, and Paynes Prairie, Alachua County, Florida, USA. Intestine. NPC (2010) as *A. pavidum* and *Caimanicola pavidum*.

Proctocaecum coronarium (Cobbold 1861) Brooks 1980. Intestine. Menagerie of the Zoological Society of London, London, United Kingdom. Cobbold (1861) as *Distomum coronarium*; Cobbold (1864) as *Distomum coronarium*; Cobbold (1879) as *Distomum coronarium*; Intestine. Linstow (1878) as *Distomum coronarium*; Intestine. Parona (1891) as *Echinostoma coronarium*; Stossich (1895) as *Distomum coronarium*; Looss (1896) as *Distomum coronarium*; Braun (1899) as *Distomum coronarium*; Looss (1899) as *Acanthostomum coronarium*; Luhe (1899) as *Distomum coronarium*;

Stossich (1899) as *Acanthochasmus coronarius* and *Anoiktostoma coronarium*; Braun (1901) as *Acanthochasmus coronarius*; Odhner (1902) as *Acanthochasmus cosronarius*; Wolf (1903) as *Distomum coronarium* and *Anoiktostoma coronarium*; Ward (1918) as *Acanthochasmus coronarius*; Intestine. Viana (1924) as *Acanthochasmus coronarium*; Small intestine. Stunkard (1931) as *Acanthochasmu coronarius* and *Acanthochasmus diploporus*; Canavan (1933) as *Acanthochasmus diploporus*; Gohar (1934) as *Acanthostomum coronarium*; Stunkard (1938) as *Acanthochasmus coronarius* and *Acanthostomum diploporus*; Hughes et al. (1941b) as *Acanthostomum coronarium* and *Acanthostomum diploporus*; Hughes et al. (1942) as *Acanthostomum coronarium* and *Acanthostomum diploporus*; Yamaguti (1954) as *Acanthostomum diploporus*; Baugh (1957) as *Proctocaecum diploporus*; North America. Yamaguti (1958) as *Acanthostomum coronarium* and *Acanthostomum diploporus*; England and USA. Issa (1962) as *Acanthostomum coronarius* and *Acanthostomum diploporus*; Skrjabin (1964) as *Atrophocaecum diploporus*; Yamaguti (1971) as *Acanthostomum coronarium*, *Acanthostomum diploporus*, and *Atrophocaecum diploporus*; Alachua County, Florida, and Cameron Parish, Louisiana, and Jackson County, Mississippi, USA. Small intestine. Brooks and Overstreet (1977); South Carolina, USA. Small intestine. Hazen et al. (1978); Southeast, USA. Lamothe-Argumedo and Ponciano Rodriguez (1986) as *Proctocaecum diploporus* and *P. coronarium*; Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996) as *Acanthostomum coronarium*; Texas and Southwest Louisiana, USA. Scott (1999) as *Acanthostomum coronarium*; Huchzermeyer (2003) as *Acanthostomum coronarium* and *Acanthostomum diploporus*; Gairhe (2007) as *Acanthostomum coronarium*; Louisiana, USA. Intestine. MLC (2010) as *Acanthostomum coronarium*; Texas and Southern USA. NHM (2010) as *Acanthochasmus diploporus*, *Acanthostomum coronarium*, *Proctocaecum coronarium*, and *Proctocaecum diploporus*; Alachua County and Miami, Florida, and

Jefferson County, Texas, and Kiawah Island, South Carolina, and Mandeville, Louisiana, USA.

Intestine. NPC (2010) as *Acanthochasmus coronarius*, *Acanthostomum coronarium*, and *Acanthostomum diploporum*.

Timoniella loossi (Perez Viguera 1957) Brooks 1980. Cameron Parish, Louisiana, USA. Small intestine. Brooks and Overstreet (1977) as *Acanthostomum loossi*; Southeastern USA. Brooks (1980); USA. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum loosi*; Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996) as *Acanthostomum loosi*; Louisiana, USA. Intestine. MLC (2010) as *Acanthostomum loossi*; Texas and Southern USA. NHM (2010) as *Acanthostomum loosi*; Cameron Parish, Louisiana, and Jefferson County, Texas, USA. Intestine. NPC (2010) as *Acanthostomum loosi*.

STRIGEIDIDA

CLINOSTOMATIDAE

Odhneriotrema incommodum (Leidy 1856) McIntosh 1935. Florida. Mouth. Leidy (1856) as *Monostoma incommodum*; Pharynx. Linstow (1878) as *Monostomum incommodum*; Florida. Mouth. Leidy (1884) as *Distoma oricola*; Leidy (1905) as *Monostomum incommodum*; Mouth. Pratt (1902); St. Petersburg, Florida, USA. Thorax. Canavan (1933) as *Homoscaphis incommodum*; Cape Sable and Coral Gables, Florida, USA. Tongue. McIntosh (1935); Florida, USA. Hughes et al. (1941b); Hughes et al. (1942); Florida. Yamaguti (1958); Pharynx. Leigh (1963); Florida, USA. Buccal cavities and pharyngeal. Leigh (1978); Huchzermeyer (2003); Florida, USA. Mouth and tongue. NPC (2010) as *O. incommodum* and *Distoma oricola*.

LIOLOPIDAE

Dracovermis sp. Brooks and Overstreet 1978. Miami, Florida, USA. Intestine. NPC (2010).

Dracovermis occidentalis Brooks and Overstreet 1978. Cameron Parish, Louisiana, and Horn Island, Jackson County, Mississippi, USA. Small intestine. Brooks and Overstreet (1978); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Louisiana and Mississippi, USA. Intestine. MLC (2010); Texas and Southern USA. NHM (2010); Cameron Parish, Louisiana, and Horn Island, Jackson County, Mississippi, USA. NPC (2010).

PROTERODIPLOSTOMATIDAE

Archaeodiplostomum sp. Dubois 1944. Host as *Alligator* sp. Brooks et al. (1992).

Archaeodiplostomum acetabulata (Byrd and Reiber 1942) Dubois 1944a. Silver Springs and Tallahassee, Florida, and Midville, Georgia, USA. Small intestine. Byrd and Reiber (1942) as *Pseudoneodiplostomum acetabulata*; USA. Dubois (1944a); Dubois (1944b); Dubois (1951); Florida and Georgia, USA. Dubois (1953); USA. Ruiz and Rangel (1954) as *Pseudoneodiplostomum acetabulata*; Yamaguti (1958); Florida, USA. Intestine. Skrjabin (1964); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); South Carolina, USA. Small intestine. Hazen et al. (1978); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996) as *Acanthostomum acetabulata*; Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003) as *A. acetabulata* and *Pseudoneodiplostomum acetabulata*; Gairhe (2007); Florida. Intestine. MLC (2010)

as *Pseudoneodiplostomum acetabulata*; Texas and Southern USA. NHM (2010); Miami and Silver Springs, Florida, and Mississippi, and New York Aquarium, New York, New York, and Jefferson County, Texas, USA. Intestine. NPC (2010) as *A. acetabulatum*, *Diplostomum abbreviatum* and *Pseudoneodilostomum acetabulata*.

Crocodilicola sp. Poche 1925. Host as *Alligator* sp. Brooks et al. (1992).

Crocodilicola pseudostoma (Willemoes-Suhm 1870) Byrd and Reiber 1942. Charleston, South Carolina, USA. Intestine. Host as *Alligator lucius*. Willemoes-Suhm (1870) as *Distoma pseudostoma*; Intestine. Linstow (1878) as *Distomum coronarium*; Paris Museum Menagerie, Paris, France. Intestine. Poirier (1886) as *Diplostomum pseudostomum*; Florida, USA. Mouth. Stossich (1895) as *Distomum pseudostomum*; Brandes (1888) as *Distomum pseudostomum*; Intestine. Pratt (1902); Dollfus (1935); South Carolina, USA. Intestine. Dubois (1936b) as *Crocodilicola pseudostoma mississippiensis*; Charleston, South Carolina, USA. Intestine. Dubois (1938a,b); Hughes et al., (1941b); Hughes et al., (1942); Small intestine. Silver Springs, Florida, USA. Byrd and Reiber (1942); South Carolina. Dubois (1944b); Caballero (1948); Dubois (1953); Charleston, South Carolina, USA. Intestine. Yamaguti (1958); South Carolina, USA. Small intestine. Skrjabin (1964); Charleston, South Carolina, USA. Yamaguti (1971); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); Alachua County, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003); Louisiana. Intestine. MLC (2010); Texas, and Southern USA. NHM (2010); College Station and Jefferson County, Texas, and

Mississippi, USA. Intestine. NPC (2010) as *C. pseudostoma* and *Paradiplostomum pseudostomum*.

Polycotyle sp. Willemoes-Suhm 1870. Host as *Alligator* sp. Brooks et al. (1992); Florida, USA.

Intestine. NPC (2010).

Polycotyle ornata Willemoes-Suhm 1870. Charleston, South Carolina, USA. Stomach. Host as

Alligator lucius. Willemoes-Suhm (1870); Abdomen. Linstow (1878); Brandes (1888); Paris

Museum Menagerie, Paris, France. Intestine. Host as *Alligator lucius* Poirier (1886); Intestine. Pratt

(1902); Dollfus (1935); South Carolina, USA. Intestine and stomach. Dubois (1936b); South

Carolina, USA. Intestine and stomach. Dubois (1938a,b); Hughes et al. (1941b); South Carolina,

USA. Hughes et al. (1942); Silver Springs, Florida, USA. Small intestine. Byrd and Reiber (1942);

South Carolina, USA. Dubois (1944b); South Carolina, USA. Dubois (1953); Charleston, South

Carolina, USA. Intestine and stomach. Yamaguti (1958); South Carolina, USA. Intestine and

stomach. Skrjabin (1964); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA.

Brooks et al. (1977); Small intestine. South Carolina, USA. Hazen et al. (1978); Chambers and

Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys,

and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Lake Griffin, Florida,

USA. Intestine. Schoeb et al. (2002); Huchzermeyer (2003); Gairhe (2007); Florida and Louisiana,

USA. Intestine. MLC (2010); Florida, Texas, and Southern USA. NHM (2010); Jefferson County,

Texas, and New York Aquarium, New York, New York, and Park Pond, South Carolina, USA.

Intestine. NPC (2010).

Pseudocrocodylicola sp. Byrd and Reiber 1942. Host as *Alligator* sp. Brooks et al. (1992); Miami,

Florida. Intestine. NPC (2010).

Pseudocrocodilicola americanense Byrd and Reiber 1942. Midville, Georgia, USA. Small intestine. Byrd and Reiber (1942); USA. Dubois (1944a); Georgia. Small Intestine. Dubois (1944b); Dubois (1953); Midville, Georgia, USA. Yamaguti (1958); Georgia, USA. Small intestine. Skrjabin (1964); Midville, Georgia, USA. Yamaguti (1971); Elkan (1977); Small intestine. South Carolina, USA. Hazen et al. (1978); Huchzermeyer (2003); Gairhe (2007); Florida and Georgia, USA. Intestine. MLC (2010); Midville, Georgia, and Par Pond, Aiken, South Carolina, USA. Intestine. NPC (2010).

Pseudocrocodilicola georgiana Byrd and Reiber 1942. Small intestine. Midville, Georgia, USA. Byrd and Reiber (1942); USA. Dubois (1944b); Dubois (1953); Georgia, USA. Yamaguti (1958); Georgia, USA. Small intestine. Skrjabin (1964); Yamaguti (1971); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); Huchzermeyer (2003); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Florida, Georgia, Southwest Louisiana, and Texas, USA. Scott (1999); Florida and Louisiana, USA. Intestine. MLC (2010); Texas and Southern USA. NHM (2010); Gainesville, Florida, and Jefferson County, Texas, and Midville, Georgia, USA. Intestine. NPC (2010).

UNKNOWN

Unidentified digenean. New Orleans, Louisiana, USA. Intestine. NPC (2010).

ANNELIDA

HIRUDINEA

RHYNCHOBDELLIDA

GLOSSIPHONIIDAE

Philobdella gracilis Moore 1901. Viosca (1962); Huchzermeyer (2003).

Placobdella multilineata Moore 1953. Welder Wildlife Refuge, Texas, USA. Body and oral cavity. Smith and Voigt (1976); Payne's Prairie, Lake Griffin, Florida, USA. Legs, neck, and oral cavity. Forrester and Sawyer (1976); Dorsal and lateral oral cavity. Glassman et al. (1979); Arkansas, Florida, North Carolina, and South Carolina, USA. Mouth, underarms, ventral jaw, and ventral scutes. Khan et al. (1980); Axillae, mouth, and neck. Cooper and Jackson (1981); Southern Florida, USA. Mouth. Cherry and Ager (1982); Jacobson (1984); Baptist Parish, Louisiana, USA. Dorsal tail scutes, head, legs and mouth. Brantley and Platt (1991); Huchzermeyer (2003).

Placobdella papillifera (Verrill 1872) Moore 1952. San Patricio County, Texas, USA. Mouth and un-specified body parts. Smith and Voigt (1976); Mouth and un-specified body parts. Cooper and Jackson (1981); Huchzermeyer (2003).

NEMATODA

SPIRURIA

ASCARIDIDA

ANISAKIDAE

Contracaecum sp. Railliet and Henry 1912. Lake Apopka, Lake Griffin, and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddle et al. (2009); Lake Apopka, Lake County, Florida, USA. Stomach. NPC (2010).

Goezia lacerticola Deardorff and Overstreet 1979. South USA. NHM (2010); Lake Apopka and Orange County, Florida, USA. Stomach. NPC (2010).

Terranova lanceolata (Molin 1860) Sprent 1979b. Rudolphi (1819) as *Physaloptera mucronata*; Georgia, USA. Stomach. Leidy (1856); Georgia, USA. Host as *Alligator lucius*. Diesing (1857); Molin (1860); Abdomen. Linstow (1878) as *Physaloptera mucronata*; Drasche (1883); Georgia. Stomach. Stossich (1896); Sprent (1979b).

ASCARIDIDAE

Brevimulticaecum baylisi Sprent 1979a. Texas, USA. Stomach. Sprent (1979a); Baker (1987); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana, and Texas, USA. Scott (1999); Huchzermeyer (2003); Texas, and Southern USA. NHM (2010); Jefferson County, Texas, USA. Stomach. NPC (2010).

Brevimulticaecum tenuicolle (Rudolphi 1819) Sprent 1979a. Stomach. Host as *A. mississippiensis* and *Crocodyli lucii junioris*. Rudolphi (1819) as *Ascaris tenuicollis*; Stomach. Host as *Champsia lucius*. Diesing (1851); Intestine and stomach. Leidy (1856) as *Ascaris tenuicollis*; Leidy (1886) as *Ascaris tenuicollis*; Abdomen and intestine. Linstow (1878) as *Ascaris tenuicollis*; Intestine and stomach. Host as *A. mississippiensis* and *Champsia lucius*. Stossich (1896) as *Ascaris tenuicollis*; Intestine. Walton (1927) as *Multicaecum tenuicolle*; Walton (1937) as *Multicaecum tenuicolle*; Hartwich (1964) as *Multicaecum tenuicolle*; Skrjabin et al. (1969a) as *Multicaecum tenuicolle*; South

Carolina. Small intestine and stomach. Hazen et al. (1978) as *Multicaecum tenuicolle*; Florida and Louisiana, USA. Stomach. Sprent (1979a); South Carolina. Jacobson (1984) as *Dujardinascaris* sp.; North-central Florida, USA. Stomach. Delaney and Ambercrombie (1986); Baker (1987); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana, and Texas, USA. Scott (1999); Lake Griffin, Florida, USA. Intestine. Schoeb et al. (2002); Huchzermeyer (2003); Lake Apopka, Lake Griffin, and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddles et al. (2009); Texas, and Southern USA. NHM (2010); College Station, Jefferson County, and Victoria County, Texas, and Alachua County, Everglades National Park, Kissimmee, Florida, and Lake Apopka, Lake County, Florida, and Par Pond, Aiken, South Carolina, USA. Stomach. NPC (2010) as *B. tenuicolle*, *Ascaris tenuicollis*, and *Multicaecum tenuicolle*.

Dujardinascaris sp. Baylis 1947. Florida, USA. NHM (2010); Florida, USA. Intestine. NPC (2010) as *Dujardinia* sp.

Dujardinascaris helicina (Molin 1860) Baylis 1947. Molin (1860) as *Ascaris helicina*; Intestine and stomach. Some specimens of Leidy (1858) as *Ascaris tenuicollis*; Walton (1927) as *Dujardinia helicina*; Travassos (1933a); Silver Springs, Florida, USA. Feces. Reiber et al. (1940); Baylis (1947); Florida, USA. Intestine and stomach. Skryabin et al. (1969b).

Dujardinascaris waltoni Sprent 1977. Leidy Collection, University of Pennsylvania, Pennsylvania, USA. Intestine. Walton (1927) as *Dujardinascaris helicina*; Intestine and stomach. Victoria County, Texas, USA. Sprent (1977); Small intestine and stomach. South Carolina. Hazen et al. (1978);

Texas, Florida, Louisiana, and South Florida, USA. Stomach. Cherry and Ager (1982); Jacobson (1984); Northcentral Florida, USA. Stomach. Delaney and Ambercrombie (1986); Baker (1987); Duval, St. Johns, Alachua, Marion Citrus and Lake Counties, Florida, USA. Stomach. Smith and Robertson (1988); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003) as *D. waltonae*; Grand Chenier, Louisiana, USA. Stomach. Gabrey et al. (2008); Lake Apopka, Lake Griffin, and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddles et al. (2009); Texas, and Southern USA. NHM (2010); Alachua County, Lake Apopka, Lake County and Ross Allen Reptile Farm, Florida, and New York Aquarium, New York, New York, and Par Pond, Aiken, South Carolina, and Jefferson and Victoria Counties, Texas, USA. Intestine and stomach. NPC (2010).

Gedolstascaris lacerticola Deardorff and Overstreet 1979. Lake Apopka, Florida, USA. Stomach. Deardorff and Overstreet (1979); Baker (1987); Huchzermeyer (2003).

Ortleppascaris antipini (Mozgovoy 1950) Sprent 1978a. Possible specimens from Walton (1927) as *Dujardinia helicina*; Mozgovoy (1950); Florida and Louisiana, USA. Intestine. Sprent (1978a); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003); Lake Apopka, Lake Griffin and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddle et al. (2009); Lake Griffin, Lake County, Florida, and New York Park Zoo, New York, New York, USA. Intestine and stomach. NPC (2010).

Unidentified ascarids. New York Aquarium and New York Zoo, New York, New York, and U.S. Marine Hospital, Wilmington, North Carolina, USA. Intestine, stomach, and trachea. NPC (2010).

SPIRURIDA

CAMALLANIDAE

Camallanus oxycephalus Ward and Magath 1916. New York Aquarium, New York, USA. Stomach. NPC (2010).

GNATHOSTOMIDAE

Gnathostoma horridum (Leidy 1856) Stossich 1900. Georgia, USA. Stomach. Leidy (1856) as *Cheiracanthus horridus*; Abdomen. Linstow (1878) as *Cheiracanthus horridus*; USA. Stomach. Skryabin (1951c); Skrjabin (1969a); Georgia, USA. NPC (2010) as *Styphlodora horrida*.

Gnathostoma procyonis Chandler 1942. Louisiana, USA. Muscle. Ash (1962); Huchzermeyer (2003).

PHYSALOPTERIDAE

Physaloptera retusa Rudolphi 1819. Stomach. Leidy (1856) as *Physaloptera mucronata*; Walton (1927); Baker (1987).

STRONGYLIDA

STRONGYIDAE

Strongylus sp. Müller 1870. New York Aquarium, New York, New York, USA. Intestine. NPC (2010).

UNKNOWN

Unidentified roundworms. Porcher's Bluff, South Carolina, USA. Stomach. Chamberlain (1930);
Lake Griffin, Florida, USA. Stomach. Schoeb et al. (2002).

ARTHROPODA**PENTASTOMIDA****POROCEPHALIDA****POROCEPHALIDAE**

Porocephalus sp. Humboldt 1811. Wilmington, North Carolina, USA. Bronchi, lungs, spleen,
stomach, and trachea. NPC (2010).

Unidentified porocephalid. Florida, USA. Lungs. NPC (2010).

SEBEKIDAE

Alofia platycephala (Lohrmann 1889) Giglioli 1922 in Sambon 1922. Lohrmann (1889) as
Pentastomen platycephalum; Sambon (1922); Heymons (1935); Heymons and Vitzthum (1936).

Leiperia gracilis (Diesing 1836) Sambon 1922 *species inquirenda*. Stomach. Leidy (1856) as
Pentastomum gracile; Liver. Chatin (1882) as *Pentastoma oxycephalum*; Sambon (1922); North
America. Junker (2002); North America. Junker and Boomker (2006).

Sebekia sp. Sambon 1922. Lung. Riley (1986).

Sebekia mississippiensis Overstreet, Self and Vliet 1985. Rockefeller Wildlife Refuge, Louisiana, USA. Lungs. Overstreet, Self and Vliet (1985); Texas, and Southwest Louisiana, USA. Scott (1990); Riley et al. (1990); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Bronchiales, lungs, pleural sacs. Scott (1996); USA. Junker (2002); Lake Griffin, Florida, USA. Liver and lungs. Schoeb et al. (2002); Huchzermeyer (2003); USA. Junker and Boomker (2006); Orange Lake, Alachua County, Florida, and New York Aquarium, New York, New York, and Chambers County, Texas, USA. Lungs. NPC (2010) as *S. mississippiensis* and *Linguatula mississippiensis*.

Sebekia oxycephala (Diesing 1835) Sambon 1922. Lungs. Leuckart (1860) as *Pentastomum oxycephalum*; Liver. Shipley (1898) as *Porocephalus oxycephalus*; Giglioli (1922) in Sambon (1922) as *S. wedli* and *S. divestei*; Heymons (1935); Breathing apparatus. Heymons and Vitzthum (1936); Blackbeard Island, Georgia, USA. Lungs. Deakins (1971); South Carolina, USA. Adults found in lungs, nymphs found in liver. Hazen et al. (1978); South Florida, USA. Lungs. Cherry and Ager (1982); Florida, USA. Lungs. Boyce (1984); Jacobson (1984); Riley (1990); Junker (2002); Junker and Boomker (2005); Gairhe (2007); Alachua County, Florida, and Blackbeard Island, McIntosh County, Georgia, and Wilmington, North Carolina, and Kaiwah Island, South Carolina, USA. Lungs, spleen, and trachea. NPC (2010) as *S. oxycephala* and *Porocephalus oxycephalus*.

THECOSTRACA

SESSILIA

CHELONIIBIDAE

Chelonibia testudinaria Linnaeus 1758. Guana Lake, Ponte Vedra, Florida, USA. Caudal scute.

Nifong and Frick (2011).

***Alligator sinensis* Fauvel 1879**

Chinese Alligator

Synonym: *Caigator sinensis*

*There are no documentation reported parasitic infections.

Caiman crocodilus apaporiensis* (Medem 1955)*Nickel and Auliya 2004****Rio Apaporis Caiman**Synonymy: *Caiman sclerops apaporiensis***ARTHROPODA****NEOPTERA****DIPTERA**

TABANIDAE

Catachlorops testaceus Macquart 1846. Buenos Aires, Colombia. Nose. Medem (1981).

Diachlorus curvipes Fabricius 1805. Rio Apaporis, Colombia. Nose. Medem (1981).

Phaeotabanus cajennensis Fabricius 1787. Buenos Aires, Colombia. Back, double crested caudal sector, and sacral part of dorsum. Medem (1981).

Phaeotabanus fervens Linnaeus 1758. Caño Cabra, Colombia. Nose. Medem (1981).

Phaeotabanus innotescens Walker 1854. Medem (1981).

Tabanus dorsiger Wiedmann 1828. Caño Cabra, and Caño Cunuven, and Pedera, and Puerto Inirida, Colombia. Back, fore- and hind legs, double crested caudal sector, nose, and supra-temporal fenestre. Medem (1981).

***Caiman crocodilus chiapsius* (Linnaeus 1758)**

**Venegas-Anaya, Crawford, Escobedo Galavan, Sanjur, Densmore III,
and Bermingham 2008**

Chiapas Caiman

NEMATODA

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Unidentified ascarid. Puerto Arista, Chiapas, Mexico. Stomach (via flushing).

Author's unpublished data (2011).

Caiman crocodilus crocodilus* (Linnaeus 1758)*Conant and Collins 1991****Spectacled Caiman**

Synonymys: *Lacerta crocodilus*; *Caiman sclerops*; *Crocodilus sclerops*; *Alligator sclerops*; *Caiman crocodylus*

SARCOMASTIGOPHORA**PARABASALIA****TRICHOMONADIDA**

TRICHOMONADIDAE

Trichomonas sp. Donne 1836. Avendano et al. (1992); Huchzermeyer (2003).

ZOOMASTIGOPHORA**TRYPANOSOMATIDA**

TRYPANOSOMATIDAE

Trypanosoma cecili Lainson 1977. Barcarena, Para State, Brazil. Blood. Lainson (1977);

Huchzermeyer (2003).

APICOMPLEXA**COCCIDIASINA****COCCIDIIDA**

GARNIIDAE

Progarnia archosauriae Lainson 1995. Blood. Lainson (1995); Brazil. Red and white blood cells.

Huchzermeyer (2003).

EUCOCCIDIORIDA

HAEMOGREGARINIDAE

Haemogregarina sp. Danilewsky 1885. Paraguay. Wenyon (1926).

Haemogregarina brasiliensis Di Primio 1925. Brazil. Wenyon (1926); Siddall (1995); Smith (1996)
as *Hepatozoon brasiliensis*; Huchzermeyer (2003) as *Hepatozoon brasiliensis*.

HEPATOZOIDAE

Hepatozoon caimani (Carini 1909) Pessoa, De Biasi, and De Souza 1972. Smith (1996); Belem,
Brazil. Blood. Lainson et al. (2003); Barcarena, Para State, Brazil. Blood. Paperna and Lainson
(2003); Jovani et al. (2004).

UNKNOWN

Unidentified coccidian species. Colombia. Digestive system. Villafane et al. (1996); Huchzermeyer
(2003); Gairhe (2007).

PLATYHELMINTHES

DIGenea

ECHINOSTOMIDA

ECHINOSTOMATIDAE

Stephanoprora sp. Odhner 1902. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Stephanoprora campomica Nasir and Diaz 1971. Laguna da Campoma, Sucre State, and Laguna la Encantada, Onoto, Anzoategui State, Venezuela. Intestine. Nasir and Diaz (1971); Laguna de Campoma, Sucre State, Venezuela. Intestine. NPC (2010).

Stephanoprora jacaretinga (Teixeira de Freitas and Lent 1938) Prudhoe 1944. Small intestine. Marajo Island, Brazil. Teixeira de Freitas and Lent (1938) as *Echinostoma jacaretinga*; Hughes et al. (1941b) as *Echinostoma jacaretinga*; Brazil. Hughes et al. (1942) as *Echinostoma jacaretinga*; Marajo Island, Brazil. Yamaguti (1958); Small intestine. Dubois (1969); Marajo Island, Brazil. Host as *Caiman sclerops*. Yamaguti (1971); Cloaca and intestine. Huchzermeyer (2003) as *Echinostoma jacaretinga* and *S. jacaretinga*.

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Acanthostomum minimum Stunkard 1937. Brazil. Issa (1962).

Caimancola caballeroi (Pelaez & Cruz 1953) Brooks 1980. Cloaca and intestine. Huchzermeyer (2003) as *Acanthostomum caballeroi*.

Caimanicola marajoara Teixeira de Freitas and Lent 1938. Marajo Island, Brazil. Small intestines. Host as *Caiman sclerops*. Teixeira de Freitas and Lent (1938); Brazil. Thatcher (1924); Hughes et al. (1941b) as *Acanthostomum marajoarum*; Brazil. Hughes et al. (1942) as *Acanthostomum marajoarum*; Host as *Caiman sclerops*. Yamaguti (1958); Small intestine. Dubois (1969); Small

intestine. Travassos et al. (1969); Brazil. Host as *Caiman sclerops*. Yamaguti (1971); Colombia. Small intestine. Host as *Caiman sclerops*. Carter and Etges (1972) as *Acanthostomum marajoarum*; Brazil, Colombia, and Venezuela. Brooks (1980); Colombia and Isla de Marajo, Brazil. Host as *Caiman sclerops*. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum marajoarum*; Cloaca and intestine. Huchzermeyer (2003) as *Acanthostomum marajoarum* and *C. marajoarum*; Panama. Intestine. Host as *Caiman sclerops*. NPC (2010); Colombia. Intestine. Host as *Caiman sclerops*. NPC (2010) as *Acanthostomum marajoarum*.

Proctocaecum coronarium (Cobbold 1861) Brooks 1981. Intestine. Host as *Caimans sclerops*. Viana (1924) as *Acanthochasmus coronarium*.

Proctocaecum dorsale Catto and Amato 1993. Cloaca and intestine. Huchzermeyer (2003); Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Timoniella incognita Brooks 1980. Venezuela. Host as *Caiman crocodilus crocodilus*. Brooks (1980).

Timoniella scyphocephalum (Braun 1899) Brooks 1980. Dubois (1969) as *Acanthostomum scyphocephalum*; Laguna de Chamariapa, and Laguna de Campoma, and Laguna de Encantada, Venezuela. Intestine. Nasir (1974) as *Acanthostomum scyphocephalum*; Venezuela. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum scyphocephalum*; Ostrowski de Núñez

(1986) as *Acanthostomum scyphocephalum*; Brazil. Thatcher (1993) as *Acanthostomum scyphocephalum*; Cloaca and intestine. Huchzermeyer (2003) as *Acanthostomum scyphocephalum*.

PACHYPSOLIDAE

Pachypsolus sclerops (Travassos 1922) Travassos 1929. Rectum. Host as *Caimans sclerops*. Viana (1924) as *Gastris sclerops*; Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Cloaca. Yamaguti (1958); Amazon. Cloaca. Host as *Caiman crocodilus crocodilus*. Gomes and Pinto (1978); Cloaca and intestine. Huchzermeyer (2003) as *P. sclerops* and *P. constrictus*.

TELORCHIIDAE

Pseudotelorchis caimanis Catto and Amato 1993b. Cloaca and intestine. Huchzermeyer (2003); Mato Grosso, Brazil. Nunez (2003); Fazenda Nhumirim, Corumba, Brazil. Oviduct. NPC (2010).

Pseudotelorchis yacarei Catto and Amato 1993b. Cloaca and intestine. Huchzermeyer (2003).

STRIGEIDIDA

CLINOSTOMIDAE

Odhneriotrema microcephala (Travassos 1922) Travassos 1929. Esophagus. Host as *Caimans sclerops*. Viana (1924) as *Nepthrocephalus microcephalus*; Hughes et al. (1941b); Brazil. Hughes et al., (1942); Brazil. Esophagus. Yamaguti (1958); Upper digestive tract. Huchzermeyer (2003).

CYATHOCOTYLIDAE

Cyathocotyle brasiliensis Ruiz and Leao 1943. Rio Preto, Sao Paulo, Brazil. Small intestine. Host as *Caiman sclerops*. Ruiz and Leao (1943); Dubois (1953); Brazil. Intestine. Host as *Caiman sclerops*. Yamaguti (1958); Small Intestine. Dubois (1969); Brazil. Intestine. Host as *Caiman sclerops*. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003).

PROTERODIPLOSTOMIDAE

Cystodiplostomum hollyi Dubois 1936a. Brazil. First quarter of small intestine. Host as *Jacaretinga crocodilus*. Dubois (1936a); Brazil. Small intestine. Dubois (1938); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1944b); Dubois (1953); Rio Preto, Sao Paulo, Brazil. Small Intestine. Host as *Caiman sclerops*. Ruiz and Rangel (1954); Brazil. Intestine. Yamaguti (1958); Brazil. Small intestine. Skrjabin (1964); Small Intestine. Dubois (1969); Dubois (1970a,b); Laguna de Encantada, Onoto, Anzoategui State, Venezuela. Intestine. Nasir and Diaz (1971); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003); Laguna de Encantada, Anzoategui State, Venezuela. Intestine. NPC (2010).

Herpetodiplostomum caimancola (Dollfus 1935) Dubois 1936a. Small intestine. Brazil. Dubois (1936a); Brazil. Small intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); First half of intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003); Laguna de Campoma, Sucre State, Venezuela. Intestine. NPC (2010).

Mesodiplostomum gladiolum Dubois 1936. Cloaca and intestine. Huchzermeyer (2003).

Paradiplostomum abbreviatum (Brandes 1888) La Rue 1926. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003).

Prohemistomum babai Nasir and Diaz 1971. Laguna da Campoma, Sucre state, Venezuela. Intestine. Nasir and Diaz (1971); Laguna de Campoma, Sucre State, Venezuela. Intestine. NPC (2010).

Prolecithodiplostomum cavum Dubois 1936a. Brazil. Intestine. Host as *Jacaretinga crocodilus*. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003).

Prolecithodiplostomum constrictum Dubois 1936a. Brazil. Intestine. Host as *Jacaretinga crocodilus*. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1940); Brazil. Hughes et al. (1941); Dubois (1944a); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil and Panama. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003); Costa Rica. Intestine. MLC (2010).

Proterodiplostomum brasiliensis (Ruiz and Rangel 1954) Sudarikov 1960. Sudarikov (1960); Brazil. Intestine. Noronha (2009).

Proterodiplostomum breve Catto and Amato 1994. Cloaca and intestine. Huchzermeyer (2003).

Proterodiplostomum globulare Catto and Amato 1994. Cloaca and intestine. Huchzermeyer (2003); Fazenda Nhumirim, Corumba, Brazil. Intestine. NPC (2010).

Proterodiplostomum intermedium Nasir and Rodriguez 1967. San Bonifacio, Venezuela. Small intestine. Nasir and Rodriguez (1967); Venezuela. Host as *Caiman crocodilus crocodilus*. Yamaguti (1971); Venezuela. Thatcher (1993); San Bonifacio, Venezuela. Intestine. NPC (2010).

Proterodiplostomum longum (Brandes 1888) Dubois 1936a. Brazil. Host as *Jacarentinga crocodilus*. Dubois (1936a); Dubois (1970a,b); Laguna de Campoma, Scur State, and Laguna la Encantada, Anzoategui State, Venezuela. Intestine. Nasir and Diaz (1971); Cloaca and intestine. Huchzermeyer (2003); Brazil. Intestine. Noronha (2009); Brazil. Intestine. MLC (2010); Laguna de Encatada, and Sucre State, Anzoategui State, Venezuela. Intestine. NPC (2010).

Proterodiplostomum medusae (Dubois 1936a) Caballero, Hidalgo and Grocott 1957. Natural History Museum Vienna, Vienna, Austria. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b) as *Diplostome medusae*; Hughes et al. (1941b); *Species inquirenda* in Hughes 1942 as *Diplostomum medusae*; Dubois (1953) as *Diplostome medusae*; Brazil. Intestine. Yamaguti (1958) as *Diplostome medusae*; Brazil and Panama. Intestine. Skrjabin (1964); Intestine. Dubois (1969) as *Diplostomum*

medusae; Brazil. Yamaguti (1971); Brazil. Thatcher (1993) as *Diplostomum medusae*; Cloaca and intestine. Huchzermeyer (2003) as *Diplostome medusae*; Costa Rica. Intestine. MLC (2010).

Proterodiplostomum tumidulum Dubois 1936a. Intestine. Brazil. Host as *Jacaretinga crocodilus*. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil and Panama. Cloaca and intestine. Skrjabin (1964); Intestine. Dubois (1969); Brazil. Intestine. Yamaguti (1971); Cloaca and intestine. Huchzermeyer (2003); Brazil. Intestine. Noronha (2009).

GENUS INQUIRENDA

Distoma sp. Diesing 1850. Brazil. Intestine. Host as *Champsia sclerops*. Diesing (1850).

Distoma pyxidatum Bremser in Rudolphi 1819. Brazil. Intestine. Host as *Crocodili scleropsis*. Rudolphi (1819); Brazil. Intestine. Host as *Champsia sclerops*. Diesing (1850); Host as *Jacare nigra*. Linstow (1878); Brazil. Intestine. Host as *Caiman sclerops*. Stossich (1895); Intestine. Host as *Caimans sclerops*. Viana (1924); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Intestine. Dubois (1969); Cloaca and intestine. Huchzermeyer (2003).

UNKNOWN

Unidentified digenean. Host as *Caiman sclerops*. Travassos (1940); Host as *Caiman sclerops*. MLC (2010).

ACANTHOCEPHALA

PALAEACANTHOCEPHALA

ECHINORHYNCHIDA

POLYACANTHORHYNCHIDAE

Polyacanthorhynchus rhopalorhynchus (Diesing 1851) Travassos 1920. Brazil. Intestine. Host as *Champsia sclerops*. Diesing (1851-52) as *Echinorhynchus rhopalorhynchus*; Intestine. Host as *Jacare nigra*. Linstow (1878).

ANNELIDA

HIRUDINEA

UNKNOWN

Unidentified leech. Lago Amanã, Brazil. Magnusson (1985).

ARTHROPODA

NEOPTERA

DIPTERA

CULICIDAE

Anopheles stephensi Liston 1901. Belem, Brazil. Prod'hon and Bain (1972); Huchzermeyer (2003).

Culex fatigans Wiedmann 1828. Belem, Brazil. Lainson et al. (2003).

Culex quinquefasciatus Say 1823. Belem, Brazil. Paperna and Lainson (2003).

TABANIDAE

Catachlorops testaceus Macquart 1846. Medem (1981).

Lepiselaga crassipes Fabricius 1805. Puerto Inirida, Colombia. Lateral and ventral scales. Host as *Caiman sclerops*. Medem (1981).

Phaeotabanus fervens Linnaeus 1758. Caño Cabra, Colombia. Eyes, inter-orbital space, nose, palpebrals, and tip of snout. Host as *Caiman sclerops*. Medem (1981); Patanal, Brazil. Head. Host as *Caiman sclerops*. Barros (1996).

Phaeotabanus nigriflavus Krober 1930. Rio Apaporis, Colombia. Inter-orbital space, posterior nares, and supra-temporal fenestre. Host as *Caiman sclerops*. Medem (1981); Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).

Stenotabanus bequaerti Rafael, Fairchild, and Goarayeb 1982. Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).

Stenotabanus cretatus Fairchild 1961. Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).

Stenotabanus incipiens Walker 1860. La Macorena and Rio Apaporis, Colombia. Border of eyes, dorsal and nuchal sectors of body, nose, supra-temporal fenestre, and tip of snout. Host as *Caiman sclerops*. Medem (1981).

Tabanus dorsiger Wiedmann 1828. Caño Cabra, and Caño Cunuven, and Pedera, and Puerto Inirida, Colombia. Back, fore- and hind legs, double crested caudal sector, nose, and supra-temporal fenestre. Host as *Caiman sclerops*. Medem (1981).

Tabanus dorsiger stenocephalus Hine 1906. Puerto Inirida, Colombia. Back. Host as *Caiman sclerops*. Medem (1981).

Tabanus occidentalis Linnaeus 1758. Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Alofia platycephala (Lohrmann 1889) Giglioli 1922 in Sambon 1922. Rio Cabacal, Brazil. Lungs. Host as *Champsia sclerops*. Heymons and Vitzthum (1936) as *A. platycephala* and *Pentastomum platycephalum*; Brazil. Heymons (1941); Host as *Caiman sclerops*. Brazil. Host as *Caiman sclerops*. Self and Rego (1985); Brazil. Host as *Caiman sclerops*. Riley (1994); Brazil. Junker (2002); Huchzermeyer (2003).

Leiperia gracilis Diesing 1836 *species inquirenda*. South America. Sambon (1922) as *Pentastoma gracile*; Lungs. Host as *Caiman sclerops*. Heymons and Vitzthum (1936) as *L. gracilis*, *Pentastoma gracile* and *P. heterodontis*; Mato Grosso State, Brazil. Trachea. Rego et al. (1987); Brazil. Junker (2002).

Sebekia microhamus Self and Rego 1985. Brazil. Host as *Caiman sclerops*. Self and Rego (1985); Brazil. Junker (2002); Huchzermeyer (2003); Brazil. Junker and Boomker (2006).

Sebekia oxycephala (Diesing 1835) Sambon 1922. Lung. Brazil. Host as *Crocodili scleropsis*. Rudolphi (1819) as *Pentastoma proboscideum*; Lungs. Brazil. Host as *Champsia sclerops*. Diesing (1835) as *Pentastomum oxycephalum*; Lungs. Rio Cabacal?, Brazil. Host as *Champsia sclerops*. Diesing (1835) as *Pentastomum proboscideum*; Lungs. Diesing (1850) as *Pentastomum oxycephalum*; Lungs. Stiles (1893) as *Porocephalus oxycephalus*; Lungs. Host as *Caiman sclerops* and *Crocodilus sclerops*. Shipley (1898) as *Porocephalus oxycephalus*; Vaney and Sambon (1910) as *Pentastoma oxycephalum*; South America. Sambon (1922); South America. Lung, pharynx, and trachea. Host as *Caiman sclerops*. Heymons (1935); Breathing apparatus. Host as *Caiman scelrops*. Heymons and Vitzthum (1936); Brazil. Host as *Caiman sclerops*. Self and Rego (1985); Trinidad. Feces. Infective larvae. Winch and Riley (1986); Brazil. Rego and Eiras (1989); Junker (2002); Trinidad and unknown location. Junker and Boomker (2006).

Sebekia trinitatis Riley, Spratt and Winch 1990. Trinidad. Host as *Caiman sclerops*. Riley et al. (1990); Trinidad. Junker (2002); Huchzermeyer (2003); Trinidad. Junker and Boomker (2006).

SUBRTRIQUETRIDAE

Subtriquetra subtriquetra (Diesing 1835) Sambon 1922. Host as *Champsia sclerops*. Diesing (1835) as *Pentastomum subtriquetrum*; Brazil. Pharynx. Diesing (1850) as *Pentastomum subtriquetrum*; Throat. Host as *Caiman sclerops*. Raillet (1883) as *Linguatule subtriquêtre*; Throat. Host as *Caiman sclerops*. Shipley (1898) as *Linguatula subtriquetra*; Indian Museum. Pharynx. Host as *Caiman*

sclerops. Shipley (1910) as *Linguatula subrtiquetra*; Mouth cavity. Sambon (1922); South America. Throat. Host as *Caiman sclerops*. Heymons (1935); Heredia, Costa Rica. Vargas (1971); South America. Junker (2002); Huchzermeyer (2003); Trinidad and unknown location in South America. Junker and Boomker (2006).

UNKNOWN

Unidentified linguatulid. Host as *Caiman sclerops*. Travassos (1940).

NEMATODA

DORYLAIMIA

TRICHOCEPHALIDA

TRICHINELLIDAE

Trichinella sp. Railliet 1895. Huchzermeyer (2003).

ENOPLEA

ENOPLIDA

DIOCTOPHYMATIDAE

Eustrongylides ignotus Jagerskiold 1909. NHS (2010).

RHABDITIA

RHABDITIDA

OSWALDOFILARIIDAE

Oswaldofilaria bacillaris (Molin 1858) Travassos 1933c. Abdominal. Rio de Janeiro, Brazil. Host as

Caiman sclerops. Travassos (1933c); Barquisimeto, Lara State, Venezuela. Abdominal cavity. Host as *Caiman sclerops*. Diaz-Ungria (1968); Barquisimeto, Lara State, Venezuela. Abdominal cavity. Host as *Caiman sclerops*. Diaz-Ungria and Gallardo (1968); Thoracic cavity. Skryabin et al., (1951a); Thoracic cavity. Skryabin (1969a); Belem, Rio de Janeiro, Brazil. Thoracic muscles. Prod'hon and Bain (1972); Belem, Rio de Janeiro, Brazil, and Caiena, French Guiana. Baker (1987); Thorax wall. Huchzermeyer (2003); National Zoological Park, Washington, D.C., USA. Intestine. Host as *Caiman sclerops*. NPC (2010).

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Brevimulticaecum baylisi (Travassos 1933b) Sprent 1979a. Matto Grosso, Brazil. Stomach. Host as *Caiman sclerops*. Travassos (1933b) as *Multicaecum agile*; Brazil. Stomach. Host as *Caiman sclerops*. Skryabin (1951b); Rio Claro, Brazil and Barquisimeto, Venezuela. Stomach. Sprent (1979a); Stomach. Lago Amana, Brazil. Magnusson (1985) as *Multicaecum acuticauda*; Barquisimeto, Venezuela, and Mato Grosso and Sao Paulo, Brazil. Baker (1987); Huchzermeyer (2003).

Brevimulticaecum pinto Sprent 1979a. Oesophagus, Stomach. Artis Zoo, Amsterdam, Netherlands, and Rio Paraguay, Paraguay. Sprent (1979a); Artis Zoo, Amsterdam, Netherlands, and Rio Paraguay, Paraguay. Baker (1987); Huchzermeyer (2003).

Brevimulticaecum stekhoveni (Baylis 1947) Sprent 1979b. Salebra and Porto Esperanca, Mato Grosso, Brazil. Stomach. (Sprent 1979b); Mato Grosso, Brazil. Baker (1987); Huchzermeyer (2003).

Brevimulticaecum tenuicolle (Rudolphi 1819) Sprent 1979a. Stomach. Host as *Champsia sclerops*. Diesing (1851) as *Ascaris tenuicollis*; Intestine. Host as *Jacare sclerops*. Linstow (1878); Intestine and stomach. Host as *Champsia sclerops* and *Caiman sclerops*. Stossich (1896).

Dujardinascaris chabaudi Diaz-Ungria and Gallardo 1968. Barquisimeto, Lara State, Venezuela. Stomach. Host as *Caiman sclerops*. Diaz-Ungria and Gallardo (1968); Barquisimeto, Venezuela. Stomach. Sprent (1977); Huchzermeyer (2003) as *Crocodylus johnsoni* as host.

Dujardinascaris helicina (Molin 1860) Baylis 1947. Intestine and stomach. Host as *Caiman sclerops*. Skryabin (1951b).

Dujardinascaris longispicula (Travassos 1933b) Baylis 1947. Stomach. Rio S. Laurengo, Brazil. Host as *Caiman sclerops*. Travassos (1933b) as *Dujardinia longispicula*; Brazil. Baylis (1947); Barquisimeto, Lara State, Venezuela. Esophagus. Host as *Caiman sclerops*. Diaz-Ungria (1967); Barquisimeto, Lara State, Venezuela. Esophagus. Host as *Caiman sclerops*. Diaz-Ungria (1968); Barquisimeto, Lara State, Venezuela. Esophagus. Host as *Caiman sclerops*. Diaz-Ungria and Gallardo (1968); Skryabin (1951b); Rio S. Laurengo, Brazil, and Barquisimeto, Venezuela. Stomach. Sprent (1977); Rio S. Laurengo, Brazil, and Barquisimeto, Venezuela. Baker (1987); Huchzermeyer (2003).

Dujardinascaris paulista (Travassos 1933b) Baylis 1947. Stomach. Rio Claro, Brazil. Host as *Caiman sclerops*. Travassos (1933b) as *Dujardinia paulista*; Stomach. Rio Claro, Brazil. Host as *Caiman sclerops*. Travassos (1933a) as *Dujardinia paulista*; Brazil. Baylis (1947); Brazil. Skryabin (1951b); Rio Claro, Brazil. Stomach. Sprent (1977); Rio Claro, Brazil, and Venezuela. Baker (1987); Huchzermeyer (2003).

Multicaecum sp. Baylis 1923. Cornell University, New York, USA. Stomach (identified via vomit). NPC (2010).

Ortleppascaris alata (Baylis 1947) Sprent 1978a. Stomach. Trinidad. Baylis (1947) as *Dujardinascaris alata*; Skryabin et al. (1969) as *Dujardinascaris alata*; Brazil. Body cavity and stomach. Sprent (1978a); Trinidad and Venezuela. Baker (1987); Huchzermeyer (2003).

Trispiculascaris trispiculascaris Travassos 1920. Panama. Intestine. Host as *Caiman sclerops*. NPC (2010).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura sp. Linstow 1906. Host as *Caiman sclerops*. Travassos (1940); National Zoological Park, Washington D.C., USA. Connective tissue of liver. Host as *Caiman sclerops*. NPC (2010) as *M. ascariforme* and *M. accariforme*.

Micropleura vazi Travassos 1933c. Abdominal. Rio de Janeiro, Mato Grosso, Rio Claro, Brazil.

Host as *Caiman sclerops*. Travassos (1933c); Elkan (1977); Rio de Janeiro and Mato Grosso, Brazil.

Vicente and Jardim (1980); Mato Grosso and Rio de Janeiro, Brazil. Baker (1987); Abdominal cavity.

Huchzermeyer (2003); Panama. Body cavity. Host as *Caiman sclerops*. NPC (2010).

OXYURIDA

OXYURIDAE

Unidentified oxyurid. Peritoneum. Host as *Caiman sclerops*. NPC (2010).

UNKNOWN

Unidentified nematodes. Host as *Caiman sclerops*. Travassos (1940); NHM (2010); Buffalo Zoo, New York, USA, and Heliconia, Colombia, and Panama. Intestine and peritoneum. Host as *Caiman familiaris* and *C. sclerops*. NPC (2010).

Caiman crocodilus fuscus* (Cope 1868) Nickeland Auliya 2004*Brown Caiman**

Synonyms: *Perosuchus fuscus* Cope 1868, *Alligator chiapasius* (Bocourt 1876), *Caiman crocodilus chiapasius* (Bocourt 1876)

APICOMPLEXA**COCCIDIASINA****UNKNOWN**

Unidentified coccidian species. Colombia. In dead embryos. Villafane et al. (1996); In dead embryos. Huchzermeyer (2003).

PLATYHELMINTHES**DIGenea****PLAGIORCHIIDA****CRYPTOGONIMIDAE**

Acanthostomum sp. Looss 1899. Rio Chagres, Panama. Ostrowski de Nunez (1984).

Caimancola caballeroi (Pelaez and Cruz 1953) Brooks 1980. Panama. Intestine. Caballero (1955) as *Acanthostomum caballeroi*; Panama. Thatcher (1964); Panama. Brooks (1980); Panama. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum caballeroi*; Chepo Pacora, Panama. Intestine. CCNH (1997) as *Proctocaecum caballeroi*.

Caimanicola marajoara Teixeira de Freitas and Lent 1938. Brazil, Colombia, and Venezuela. Brooks (1980); Panama. Ostrowski de Nunez (1984) as *Acanthostomum marajoarum*.

Timoniella scyphocephalum (Braun 1899) Brooks 1980. Odhner (1902) as *Acanthochasmus scyphocephalum*; Odhner (1902) as *Acanthochasmus scyphocephalum*; Stossich (1905) as *Acanthochasmus scyphocephalum*; Hughes et al. (1941b) as *Acanthostomum scyphocephalum*; Hughes et al. (1942) as *Acanthostomum scyphocephalum*; Panama. Intestine. Caballero (1955) as *Acanthostomum scyphocephalum*; Travassos et al. (1969) as *Acanthostomum scyphocephalum*; Brazil. Yamaguti (1971) as *Acanthostomum scyphocephalum*; Panama. Brooks (1980); Ostrowski de Núñez (1986) as *Acanthostomum scyphocephalum*; Chepo Pacora, Panama. Intestine. CCNH (1997) as *Proctocaecum scyphocephalum*.

PACHYPSOLIDAE

Pachypsolus sclerops (Travassos 1922) Travassos 1929. Caballero and Herrera (1947); Chepo Pacora, Panama. Cloaca. CCNH (1997).

STRIGEIDIDA

CLINOSTOMIDAE

Odhneriotrema microcephala (Travassos 1922) Travassos 1929. Rio Nechi, Columbia. Mouth. MPC. (2010); Rio Nechi, Antioquia, Colombia. Mouth. Host as *Caiman sclerops fuscus*. NPC (2010).

PROTERODIPLOSTOMIDAE

Herpetodiplostomum caimancola (Dollfus 1935) Dubois 1936a. Chepo-Pacora, Panama. Cloaca. Caballero et al. (1957); Small intestine. Skrjabin (1964); Chepo Pacora, Panama. Cloaca. CCNH (1997).

Massoprostatum longum Caballero 1948. Colombia. Intestine. Alvarez et al. (2005); Columbia. MPC (2010); Colombia. NPC (2010).

Prolecithodiplostomun cavum Dubois 1936. Caballero et al. (1957); Palmar Sur, and La Selva, Costa Rica. Brooks et al. (1977); Chepo Pacora, Panama. Cloaca and intestine. CCNH (1997); Colombia. Intestine. Alvarez et al. (2005); Columbia. MPC (2010); Colombia. NPC (2010).

Prolecithodiplostomum constrictum Dubois 1936a. Chepo-Pacora, Panama. Intestine and cloaca. Caballero et al. (1957); Panama. Intestine. Skrjabin (1964); Panama. Thatcher (1964).

Proterodiplostomum medusae (Dubois 1936a) Caballero, Hidalgo and Grocott 1957. Chepo-Pacora, Panama. Intestine. Caballero et al. (1957); Panama. Intestine. Skrjabin (1964); Panama. Yamaguti (1971); La Selva, Costa Rica. Brooks et al. (1977); Chepo Pacara, Panama. Intestine. CCNH (1997).

Proterodiplostomum tumidulum Dubois 1936a. Chepo Pacora, Panama. Cloaca. Caballero et al. (1957); Dubois (1938a,b); Panama. Intestine and cloaca. Skrjabin (1964); Panama. Yamaguti (1971); Chepo Pacora, Panama. Cloaca. CCNH (1997).

NEMATODA

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Trispiculascaris trispiculascaris Travassos 1920. Panama. Intestine. NPC (2010).

Caiman latirostris* (Daudin 1802) Nickel and Auliya 2004*Broad-Snouted Caiman**

Synonyms: *Crocodylus latirostris* Daudin 1802, *Caiman fissipes* Spix 1825, *Champsia fissipes* Wagler 1828 (fide Hoogmoed and Gruber, 1983), *Alligator cynocephalus* Duméril & Bibron 1836, *Champsia fissipes* Gulliver 1846, *Jacare latirostris* Gray 1862, *Alligator latirostris* Strauch 1866, *Alligator latirostris* Boulenger 1886, *Caiman latirostris* Boulenger 1889, *Jacaretinga latirostris* Vaillant 1898, *Caiman latirostris latirostris* Freiberg and Carvalho 1965

APICOMPLEXA**COCCIDIASINA****EUCOCCIDIORIDA****EIMERIIDAE**

Isoospora jacarei Carini and Biocca 1940. Santa Cruz and Sao Paulo, Brazil. Intestine. Carini and Biocca (1940); Santa Cruz, Brazil. Intestinal glands. Pellerdy (1974); Huchzermeyer (2003); Santa Cruz and Sao Paulo, Brazil. NPC (2010).

HEPATOZOIDAE

Hepatozoon caimani (Carini 1909) Pessoa, De Biasi, and De Souza. Rio de Janeiro, Brazil. Carini (1909) as *Haemogregarina caimani*; Brazil. Wenyon (1926) as *Haemogregarina caimani*; Brazil. Pessoa et al. (1972); Huchzermeyer (2003).

PLATYHELMINTHES**DIGenea**

STRIGEIDIDA

PROTERODIPLOSTOMIDAE

Crocodilicola caimanicola Dollfus 1935. Paris Museum Menagerie, Paris, France. Intestine. Dollfus (1935); Huchzermeyer (2003).

Cystodiplostomum hollyi Dubois 1936a. Dubois (1936a); Intestine. Brazil. Dubois (1936b); Brazil. Small intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1944b); Natural History Museum, Paris, France. Dubois (1948); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. First quarter of intestine. Skrjabin (1964); Small intestine. Dubois (1969); Dubois (1970); Yamaguti (1971); Thatcher (1993); Huchzermeyer (2003).

Herpetodiplostomum caimancola (Dollfus 1935) Dubois 1936a. Paris Museum Menagerie, Paris, France. Dollfus (1935); Natural History of Vienna, Vienna, Austria. Dubois (1936a); Small intestine. Brazil. Dubois (1936b); Brazil. Small intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Small intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Yamaguti (1971); Thatcher (1993); Huchzermeyer (2003).

ACANTHOCEPHALA

PALAEACANTHOCEPHALA

ECHINORHYNCHIDA

POLYACANTHORHYNCHIDAE

Polyacanthorhynchus rhopalorhynchus (Diesing 1851) Travassos 1920. Intestine. Host as *Champsia fissipes*. Linstow (1878) as *Echinorhynchus rhopalorhynchus*.

ANNELIDA

HIRUDINEA

RHYNCHOBDELLIDA

GLOSSIPHONIIDAE

Helobdella sp. Blanchard 1896. Huchzermeyer (2003).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Alofia platycephala (Lohrmann 1889) Giglioli 1922 in Sambon 1922. Intestine. Lohrmann (1889) as *Pentastomum platycephalum*; Sambon (1922); Paraguay. Heymons (1941); South America. Riley et al. (1994); Paraguay. Junker (2002); Huchzermeyer (2003); Paraguay. Junker and Boomker (2005).

Sebekia oxycephala (Diesing 1835) Sambon 1922. Lungs. Shipley (1898) as *Porocephalus oxycephalus*; Junker (2002); Junker and Boomker (2005).

NEMATODA

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Brevimulticaecum pinto Sprent 1979a. Sao Paulo, Brazil. Stomach. Pinto and Barbosa (1972) as *Multicaecum agile*; Oesophagus and stomach. Morro Agudo, Brazil. Sprent (1979a); Sao Paulo, Brazil. Baker (1987); Huchzermeier (2003).

Multicaecum agile (Wedl 1861) Baylis 1923. Morro Agudo, and Sao Paulo, Brazil. Stomach. Pinto and Barbosa (1972).

Caiman yacare* (Daudin 1802) Schmidt 1928*Jacare Caiman**

Synonyms: Daudin (1802) as *Crocodilus yacare*; Spix (1825) as *Jacaretinga punctulatus*; Dumeril and Bibron (1836) as *Alligator punctulatus*; Natterer (1840) as *Champsia vallifrons*; Gray (1862) as *Jacare longiscutata*; Gray (1862) *Jacare ocellata*; Gray (1867) as *Jacare multiscutata*; Gunther (1885) as *Alligator punctulatus*; Boulenger (1889) as *Caiman sclerops*; Werner (1933) as *Jacaretinga crocodilus yacare*; Muller and Hellmich (1936) as *Caiman crocodilus yacare*; Fuchs (1971) as *Caiman crocodilus matogrossoiensis* (nomen nudum Wermuth and Mertens 1977); Fuchs (1971) as *Caiman crocodilus paraguayiensis* (nomen nudum Wermuth and Mertens 1977); Fuchs (1974) as *Caiman crocodilus matogrossiensis* (fide Medem 1983); Fuchs (1974) as *Caiman crocodilus paraguayiensis* (fide Medem 1983); Donoso (1974) as *Caiman yacare medemi*; Nickel and Auliya (2004) as *Caiman yacare medemi*; Martin (2008) as *Caiman crocodilus yacare*.

SARCOMASTIGOPHORA**ZOOMASTIGOPHORA****TRYPANOSOMATIDA****TRYPANOSOMATIDAE**

Trypansoma sp. Gruby 1843. Patanal, Brazil. Blood smear. Nunes and Oshiro (1990); Blood. Catto (2000); Pantanal, Brazil. Blood smear. Viana and Marques (2005); Patanal, Brazil. Blood smear. de Almeida et al. (2006); Matto Grosso, Brazil. Blood from heart or tail. Viola, et al. (2009); Patanal, Brazil. Blood smear. Viola et al. (2009).

APICOMPLEXA

COCCIDIASINA

EUCOCCIDIORIDA

EIMERIIDAE

Eimeria caimani Aquino-Shuster and Duszynski 1989. Paraguay. Feces. Aquino-Shuster and Duszynski (1989); Huchzermeyer (2003); Pantanal, Brazil. Viana and Marques (2005); Paraguay. Host as *Caiman crocodilus yacare*. NPC (2010).

Eimeria paraguayensis Aquino-Shuster and Duszynski 1989. Paraguay. Feces. Aquino-Shuster and Duszynski (1989); Huchzermeyer (2003); Pantanal, Brazil. Viana and Marques (2005); Paraguay. Host as *Caiman crocodilus yacare*. NPC (2010).

HEPATOZOIDAE

Hepatozoon caimani (Carini 1909) Pessoa, De Biasi, and De Souza 1972. Belem, Brazil. Blood Smear. Lainson et al. (2003); Pantanal, Brazil. Blood smear. Viana and Marques (2005); Pantanal, Brazil. Blood. Viana et al. (2010).

PLATYHELMINTHES

DIGenea

ECHINOSTOMIDA

ECHINOSTOMATIDAE

Stephanoprora jacarentinga (Freitas and Lent 1938) Prudhoe 1944. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Caimanicola marajoara Teixeira de Freitas and Lent 1938. Nhumirim Farm, Corombá, Brazil. Intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1993a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proctocaecum dorsale Catto and Amato 1993a. Nhumirim Farm and Santana Farm, Corombá, Brazil. Intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1993a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim and Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

PACHYPSOLIDAE

Pachypsolus sclerops (Travassos 1922) Travassos 1929. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000).

TELORCHIIDAE

Pseudotelorchis caimanis Catto and Amato 1993b. Fazenda Nhumirim, Brazil. Oviduct. Host as *Caiman crocodilus yacare*. NPC (1989); Patanal, Brazil. Oviduct, near opening of cloaca. Host as

Caiman crocodilus yacare. Catto and Amato (1993b); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000).

Pseudotelorchis yacare Catto and Amato 1993b. Patanal, Brazil. Intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1993b); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

STRIGEIDIDA

CLINOSTOMIDAE

Odhneriotrema microcephala (Travassos 1922) Travassos 1929. Brazil. Stomach. Host as *Caiman crocodilus*. Travassos (1922) as *Neprhocephalus microcephalus*; Stomach. Catto (2000).

CYATHOCOTYLIDAE

Cyathocotyle brasiliensis Ruiz and Leao 1945. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000). Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

PROTERODIPILOSTOMIDAE

Cystodiplostomum hollyi Dubois 1936a. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000). Brazil. Fazenda Nhumirim, Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Herpetodiplostomum caimancola (Dollfus 1935) Dubois 1936a. Nhumirim Farm, Corumbá, Brazil. Posterior section of small and large intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Paradiplostomum abbreviatum (Brandes 1888) Dubois 1936a. Nhumirim Farm, Corumbá, Brazil. Middle and posterior sections of small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Prolecihodiplostomum constrictum Dubois 1936a. Dubois (1936a) as *P. cavum* and *P. constrictum*; Nhumirim Farm, Corumbá, Brazil. Anterior section of small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proterodiplostomum breve Catto and Amato 1994a. Nhumirim Farm, Corumbá, Brazil. Anterior and middle section of small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proterodiplostomum globulare Catto and Amato 1994a. Nhumirim Farm, Corumbá, Brazil. Small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as

Caiman crocodilus yacare. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim and Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proterodiplostomum longum (Brandes 1888) Dubois 1936a. Peru. Intestine. Dubois (1988).

Proterodiplostomum medusae (Dubois 1936a) Caballero, Hidalgo-Escalante and Crocott 1957. Nhumirim Farm, Corumbá, Brazil. Small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proterodiplostomum tumidulum Dubois 1936a. Nhumirim Farm, Corumbá, Brazil. Small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim and Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

ACANTHOCEPHALA

PALAEACANTHOCEPHALA

ECHINORHYNCHIDA

POLYACANTHORHYNCHIDAE

Polyacanthorhynchus rhopalorhynchus Diesing 1850. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Huchzermeyer (2003).

ANNELIDA**HIRUDINEA****RHYNCHOBDELLIDA****GLOSSIPHONIIDAE**

Placobdella sp. Blanchard 1893. Pantanal, Brazil. Mouth. de Almeida et al. (2006).

UNKNOWN

Unidentified leeches. Patanal, Brazil. Viana and Marques (2005).

NEMATODA**ENOPLEA****ENOPLIDA****DIOCTOPHYMATIDAE**

Eustrongylides sp. Jagerskiold 1909. Paraguay. Stomach. Goldberg et al. (1991); Paraguay.

Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Pantanal, Brazil. Host as *Caiman crocodilus yacare*.

Catto and Amato (1994b) as *Capillaria* sp.

SPIRURIA**ASCARIDIDA**

ANISAKIDAE

Contracaecum sp. Railliet and Henry 1912. Paraguay. Stomach. Goldberg et al. (1991); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

ASCARIDIDAE

Brevimulticaecum baylisi (Travassos 1933) Sprent 1979a. Mato Grosso. Stomach. Host as *Caiman sclerops*. Travassos (1933a, b) as *Multicaecum baylisi*; Paraguay. Stomach. Goldberg et al. (1991); Patanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

Brevimulticaecum stekhoveni (Baylis 1947) Sprent 1979a. Paraguay. Stomach. Goldberg et al. (1991); Patanal, Brazil. Stomach. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

Dujardinascaris chabaudi Diaz-Ungria and Gallardo (1968). Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000).

Dujardinascaris longispicula (Travassos 1933a) Baylis 1947. Mato Grosso, Brazil. Stomach. Host as *Caiman sclerops*. Travassos (1933a, b); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000).

Dujardinascaris paulista (Travassos 1933a) Baylis 1947. Paraguay. Stomach. Goldberg et al. (1991); Patanal, Brazil. Intestines. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

Ortleppascaris alata (Baylis, 1947) Sprent 1978a. Paraguay. Stomach. Goldberg et al. (1991); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

CAMALLANIDA

MICROPLEURIDAE

Micropleura vazi Travassos 1933c. Mato Grosso, Brazil. Stomach. Host as *Caiman sclerops*. Travassos (1933c); Paraguay. Stomach. Goldberg et al. (1991); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Abdomen. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

ARTHROPODA

ACARI

IXODIDA

IXODIDAE

Amblyomma sp. C.L. Koch, 1837. Pantanal, Brazil. Viana and Marques (2005).

Amblyomma rotundotum (Koch 1844). Pantanal, Brazil. de Almeida et al. (2006).

NEOPTERA

DIPTERA

CULICIDAE

Culex fatigans Wiedmann 1828. Belem, Brazil. Lainsou et al. (2003).

PENTASTOMIDA

POROCEPHALIDA

SEBKIDAE

Leiperia gracilis (Diesing 1835) Sambon 1922 *species inquirenda*. Catto (2000).

Sebekia oxycephala (Diesing 1835) Sambon 1922. Lung. Catto (2000).

Melanosuchus niger* (Spix 1825) King and Burke 1989*Black Caiman**

Synonyms: *Caiman niger* Spix 1825, *Champsia niger*, *Crocodylus jacaré guacú*

APICOMPLEXA**COCCIDIASINA****EUCOCCIDIORIDA****HAEMOGREGARINIDAE**

Unidentified species. Unpublished work as stated by Lainson et al. (2003) as unidentified haemogregarines.

PLATYHELMINTHES**DIGenea****ECHINOSTOMIDA****ECHINOSTOMATIDAE**

Caballerotrema sp. Prudhoe 1960. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Echinostoma sp. Rudolphi 1819. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Stephanoprora natterei Nunez 2003. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

PLAGIORCHIIDA**ACANTHOSTOMIDAE**

Unidentified acanthostomid. Brazil. Nunez (2003).

STRIGEIDIDA

CYATHOCOTYLIDAE

Unidentified cyathocotylid. Brazil. Nunez (2003).

PROTERODIPLOSTOMIDAE

Herpetodiplostomum sp. Dubois 1936a. Brooks et al., (1992).

Herpetodiplostomum caimancola (Dollfus, 1935) Dubois 1936a. Dubois (1936a); Brazil. Intestine. Dubois (1938b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Yamaguti (1971); Thatcher (1994); Huchzermeyer (2003); Brazil. NHM (2010).

Mesodiplostomum sp. Dubois 1936. Brooks et al. (1992).

Mesodiplostomum gladiolum Dubois 1936a. Brazil. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Yamaguti (1971); Brazil. Thatcher (1994); Huchzermeyer (2003); Brazil. NHM (2010).

Proterodiplostomum sp. Dubois 1936a. Brooks et al. (1992).

Proterodiplostomum longum (Brandes 1888) Dubois 1936a. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Dubois (1969); Dubois (1970); Thatcher (1994); Huchzermeyer (2003); Brazil. Intestine. Noronha (2009); Brazil. NHM (2010).

ROTIFERA

MONOGONONTA

FLOSCULARIACEAE

FLOSCULARIIDAE

Limnias ceratophylli Schrank 1803. Lago Amana and Rio Amazonas, Brazil. Trunk, ventral surface, limbs, tail, and jaws. Magnusson (1985); Amazon. Trunk, ventral surface, limbs, tail, and jaws. May (1989).

ACANTHOCEPHALA

PALAEACANTHOCEPHALA

ECHINORHYNCHIDA

POLYACANTHORHYNCHIDAE

Polyacanthorhynchus rhopalorhynchus (Diesing 1851) Travassos 1920. Brazil. Intestines. Diesing (1851) as *Echinorhynchus rhopalorhynchus*; Intestine. Host as *Jacare nigra*. Linstow (1878) as *Echinorhynchus rhopalorhynchus*.

NEMATODA

RHABDITIA

RHABDITIDA

OSWALDOFILARIIDAE

Oswaldofilaria bacillaris (Molin 1858) Travassos 1933c. Host as *Champsia nigra*. Molin (1858) as *Filaria bacillaris*; Molin (1860) as *Filaria bacillaris*; Lung. Host as *Jacare nigra*. Linstow (1878); Brazil. Travassos (1933c); Venezuela. Diaz Ungria (1968); Venezuela. Diaz Ungria and Gallardo (1968); Vicente and Jardim (1980); Venezuela. Baker (1987).

SPIRURIAASCARIDIDA

ANISAKIDAE

Terranova lanceolata (Molin 1860) Sprent 1979b. Borbae, Brazil. Stomach. Host as *Champsia nigra*. Diesing (1850) as *Physaloptera mucronata*; Brazil. Stomach. Host as *Champsia nigra*. Diesing (1857) as *Physaloptera mucronata*; Natural History Museum of Vienna, Vienna, Austria. Stomach. Re-description of larger ascaridoids of Vial 7042. Molin (1860) as *Ascaris lanceolata*; Abdomen. Host as *Jacare nigra*. Linstow (1878) as *Ascaris lanceolata*; Drasche (1883) as *Ascaris lanceolata*; Brazil. Stomach. Host as *Caiman nigra* and *Champsia nigra*. Stossich (1896); Trombetas River, Brazil. Schuurmans-Stekhoven (1937) as *Metangusticaecum braziliense*; Mozgovoy (1951) as *Metangusticaecum braziliense*; Hartwich (1957) as *Terranova braziliensis*; Brazil. Stomach. Host as *Caiman niger*. Skryabin (1969c) as *Metangusticaecum braziliense*; Sprent (1978a) states possible synonymy with *Ortleppascaris alata* (Baylis 1947); Borba River and Trombetas River, Obidos, Brazil. Stomach. Sprent (1979b); Brazil. Baker (1987); Huchzermeyer (2003).

ASCARIDIDAE

Brevimulticaecum baylisi (Travassos 1933) Sprent 1979a. Brazil. Immature specimens. Host as *Champsia niger*. Schuurmans-Stekhoven (1937) as *Multicaecum acuticauda*; Host as *Caiman niger*. Skryabin et al. (1969b); Brazil. Stomach. Sprent (1979a); Brazil. Baker (1987); Huchzermeyer (2003).

Brevimulticaecum gibsoni Sprent 1979a. Natural History Museum, Vienna, Vienna, Austria. Specimens from vial 7042. Host as *Champsia niger*. Described by Diesing (1851) as *Physaloptera mucronata*; Brazil. Lung. Diesing (1856) as *Physaloptera mucronata*; Abdomen. Linstow (1878) as *Physaloptera mucronata*; Madiera River, Amazonas, Brazil. Stomach. Sprent (1979a); Baker (1987); Huchzermeyer (2003).

Brevimulticaecum stekhoveni (Molin 1860) Sprent 1979a. Molin (1860) as *Ascaris helicina*; Brazil. Schuurmans-Stekhoven (1937) as *Multicaecum helicina*; Baylis (1947) as *Multicaecum stekhoveni*; Mozgovoy (1951) as *Multicaecum stekhoveni*; Skryabin et al. (1969b) as *Multicaecum stekhoveni*; Trombtas River and Matto Grosso, Brazil. Stomach. Sprent (1979a); Baker (1987); Huchzermeyer (2003).

Brevimulticaecum tenuicolle (Rudolphi 1819) Sprent 1979a. Brazil. Host as *Champsia sclerops*. Diesing (1851); Abdomen. Host as *Jacare nigra*. Linstow (1878) as *Ascaris tenuicollis*; Intestine and stomach. Host as *Caiman nigra* and *Champsia nigra*. Stossich (1896) as *Ascaris tenuicollis*.

Ortleppascaris alata (Baylis 1947) Sprent 1978a. Brazil. Body cavity and stomach. Sprent (1978a); Huchzermeyer (2003).

TOXOCARIDAE

Toxocara mystax (Zeder 1800) Stiles and Brown 1924. Intestine and stomach. Host as *Caiman nigra* and *Champsia nigra*. Stossich (1896) as *Ascaris mystax*.

UNKNOWN

Unidentified nematode. Brazil. NHM (2010).

ARTHROPODA

NEOPTERA

DIPTERA

TABANIDAE

Phaeotabanus fervens Linnaeus 1758. Pantanal Region, Brazil. External nares, inter-orbital space. Medem (1981); Patanal Region, Brazil. Head. Barros (1996).

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Sebekia oxycephala (Diesing 1835) Sambon 1922. Self and Rego (1985); Riley et al. (1990).

SUBRTRIQUETRIDAE

Subtriquetra subtriquetra (Diesing 1835) Sambon 1922. Brazil. Host as *Champsia nigra*. Diesing (1850) as *Pentastomum subtriquetrum*; Diesing (1856) as *Pentastomum pusillum*; Raillet (1883) as *Linguatula subtriquetra*; Sambon (1922); Brazil. Throat. Host as *Caiman niger*. Heymons (1935); South America. Junker (2002); Huchzermeyer (2003); South America. Junker and Boomker (2005).

***Paleosuchus palpebrosus* (Cuvier, 1807) Schmidt 1928**

Cuvier's Dwarf Caiman

Synonymys: *Crocodylus coroa*; Cuvier (1807) as *Crocodylus palpebrosus*; Spix (1825) as *Jacaretinga moschifer*; Wagler (1830) as *Champsia palpebrosa*; Dumeril (1836) as *Alligator palpebrosus*; Natterer (1840) as *Champsia gibbiceps*; Gray (1844) as *Caiman palpebrosus*; Valliant (1898) as *Jacaretinga palpebrosus*.

PLATYHELMINTHS

DIGenea

PLAGIORCHIIDA

PACHYPSOLIDAE

Pachypsolus sclerops (Travassos 1922) Travassos 1929. Utinga, Belem, Paraguay. Intestine. Gomes and Pinto (1978).

STRIGEIDIDA

PROTERODIPILOSTOMIDAE

Proterodiplostomum longum (Brandes 1888) Dubois 1936a. Brazil. Intestine. Host as *Crocodylus coroa*. Dubois (1938a,b); Brazil. Host as *Crocodylus coroa*. Hughes et al. (1941b); Brazil. Intestine. Skrjabin (1964).

Proterodiplostomum tumidulum Dubois 1936a. Host as *Crocodylus coroa*. Hughes et al. (1941b); Host as *Crocodylus coroa*. Hughes et al. (1942).

ACANTHOCEPHALA**PALAEACANTHOCEPHALA****POLYACANTHORHYNCHIDA****POLYACANTHORHYNCHIDAE**

Polyacanthorhynchus rhopalarhynchus (Diesing 1851) Travassos 1920. Intestine. Host as *Caiman palpebrosus*. Linstow (1878) as *Echinorhynchus rhopalarhynchus*.

NEMATODA**UNKNOWN**

Unidentified nematodes. Brazil. Magnusson (1985); Brazil. NHM (2010).

ARTHROPODA**ACARI****IXODIDA****IXODIDAE**

Unidentified tick. Brazil. Magnusson (1985).

NEOPTERA**DIPTERA****TABANIDAE**

Phaeotabanus fervens Linnaeus 1758. Pantanal Region, Brazil. Head. Barros (1996); Pantanal Region, Brazil. Found biting head of its host. Medem (1981); Pantanal, Brazil. Lainson et al. (2003).

Phaeotabanus nigriflavus Kroeber 1930. Colombia. Found biting inter-orbital region, posterior border of nares. Medem (1981). Kroeber 1934 as *Phaeotabanus obscuripilis*.

Tabanus dorsiger modestus Wiedmann 1828. Colombia. Found biting on double-crested caudal sector, on back, fore and hind legs, in between sutures, and on supra-temporal fenestre region. Medem (1981).

Unidentified tabanid species. Colombia. Medem (1981).

Paleosuchus trigonatus* Schneider 1801*Schneider's Dwarf Caiman****APICOMPLEXA****COCCIDIASINA****EUCOCCIDIURIDA****HEPATAZOIDAE**

Hepatozoon serrai Smith 1996. Blood. Smith (1996).

ACANTHOCEPHALA**PALAEACANTHOCEPHALA****ECHINORHYNCHIDA****POLYACANTHORHYNCHIDAE**

Polyacanthorhynchus rhopalorhynchus (Diesing 1850) Travassos 1920. Brazil. Intestine. Diesing (1850); Intestine. Host as *Caiman trigonatus*. Linstow (1878) as *Echinorhynchus rhopalorhynchus*.

NEMATODA**RHABDITIA****RHABDITIDA****OSWALDOFILARIIDAE**

Oswaldofilaria medemi Markinelle 1981. Colombia. Thoracic Wall. Markinelle (1981); Huchzermeyer (2003).

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Porrocaecum sp. Raillet and Henry 1912. Madre de Dios, Peru. Stomach. NPC (2010).

ARTHROPODA

NEOPTERA

DIPTERA

TABANIDAE

Phaeotabanus fervens Linnaeus 1758. Pantanal, Brazil. Found biting head of its host. Barros (1996); Pantanal Region, Brazil. Found biting head of its host. Medem (1981); Pantanal, Brazil. Lainson et al. (2003).

Phaeotabanus nigriflavus Kroeber 1930. Kroeber (1934) as *Phaeotabanus obscuripilis*. Colombia. Found biting inter-orbital region, outer ear, and posterior border of nares. Medem (1981).

Phaeotabanus prasiniventris Kroeber 1929. Colombia. Found biting on nose. Medem (1981).

Stenotabanus incipiens Walker 1860. Colombia. Found biting between post-occipital scales on neck and on sutures, border of eyes, ear covers, nose, and palpebrals. Medem (1981).

Tabanus dorsiger modestus Wiedmann 1828. Colombia. Found biting between sutures, on back, fore and hind legs, double-crested caudal sector, and on supra-temporal fenestre region. Medem (1981).

Unidentified tabanid species. Colombia. Medem (1981).

FAMILY: Crocodylidae

***Crocodylus acutus* Cuvier 1807**

American Crocodile

Synonyms: *Crocodylus acutus*, *Crocodylus florindanus*, *Crocodylus americanus* as a junior synonym of
Lacerta crocodylus

APICOMPLEXA

COCCIDIASINA

EUCOCCIDIORIDA

EIMERIIDAE

Eimeria crocodyii Lainson 1968. Roaring Creek, Belize. Feces. Lainson (1968); Belize. Feces. Pellerdy (1974); Huchzermeyer (2003); Gairhe (2007).

Isospora wilkei Lainson 1968. Roaring Creek, Belize. Feces. Lainson (1968); Belize. Pellerdy (1974); Huchzermeyer (2003).

HAEMOGREGARINIDAE

Haemogregarina crocodilinarum Borner 1901. Blood smear. Lainson et al. (2003).

PLATYHELMINTHES

EUCESTODA

CYCLOPHILLIDEA

DILEPIDIDAE

Glossocercus sp. Chandler 1935. Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009).

DIGenea

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Acanthostomum americanum (Perez Viguera 1956) Brooks 1980. Hughes et al. (1941b); Honduras. Hughes et al. (1942) as *Acanthostomum coronarium*; Cuba. Small intestine. Pérez Viguera (1956) as *Acanthochasmus americanum*; El Salvador. Intestine. Herber (1961) as *Acanthostomum americanus*; Cuba. Groschaft and Barus (1970) as *Atrophocaecum americanum*; Cuba and El Salvador. Yamaguti (1971); Costa Rica, and Cuba, and El Salvador, and Honduras. Brooks (1980); Cuba and El Salvador. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum americanum*; Cuba, and El Salvador, and Honduras. NHM (2010) as *A. americanum* and *Proctocaecum americanum*. One specimen of *P. americanum* is under *Crocodylus rhombifer*; El Salvador and Honduras. NPC (2010).

Caimancola caballeroi (Pelaez and Cruz 1953) Brooks 1980. Intestine. Rio Verde, Oaxaca, Mexico. Pelaez and Cruz (1953); Oaxaca, Mexico. Yamaguti (1971) as *Acanthostomum caballeroi*; Mexico. Brooks (1980); Oaxaca, Mexico. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum caballeroi*; Oaxaca, Mexico. Thatcher (1993) as *Acanthostomum caballeroi*; Oaxaca, Mexico. Intestine. CCNH (1997) as *Proctocaecum caballeroi*; Mexico and Panama. NHM (2010) as *Acanthostomum caballeroi* and *Proctocaecum caballeroi*.

Caimanicola marajoara Teixeira de Freitas and Lent 1938. Costa Rica. Intestine. Caballero and Brenes-Madrigal (1958) as *Acanthostomum acuti*; Los Chiles de Grecia, Costa Rica. Small intestine. Host as *C. acutus acutus*. Brenes (1961) as *Acanthostomum acuti*; Thatcher (1993) as *Acanthostomum acuti*; Costa Rica, Cuba and El Salvador. Brooks (1980); Costa Rica and Cuba. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum acuti*; Alajuela, Costa Rica. Intestine. CCNH (1997) as *Proctocaecum acuti*; Costa Rica and Cuba. NHM (2010) as *Acanthostomum acuti* and *Proctocaecum acuti*.

Proctocaecum coronarium (Cobbold 1861) Brooks 1980. North America. Hughes et al. (1941b); Hughes et al. (1942) as *Acanthostomum coronarium*; North America. Yamaguti (1958) as *Acanthostomum coronarium*; Yamaguti (1971) as *Acanthostomum coronarium*; National Zoo Park, Utila, Honduras. NPC (2010) as *Acanthochasmus coronarius* and *Distomum coronarium*.

Timoniella loossi (Pérez Viguera 1956) Brooks 1980. Matanzas, Cuba. Large intestine. Pérez Viguera (1956) as *Acanthoschasmus loossi*; Cuba. Yamaguti (1971) as *Acanthostomum loossi*; Cuba. Brooks (1980); Zapata, Cuba. Intestine. Pérez-Benitez et al. (1980) as *Acanthostomum loossi*; Zapata Peninsula, Cuba. Intestine. Sardinias et al. (1980) as *Acanthostomum loosi*; Cuba. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum loosi*; Cuba. Thatcher (1993) as *Acanthostomum loosi*; Huchzermeyer (2003) as *Acanthostomum loosi*; Cuba. NHM (2010) as *Acanthostomum loosi*.

Timoniella unami (Pelaez and Cruz 1953) Brooks 1980. Rio Verde, Oaxaca, Mexico. Intestine. Pelaez and Cruz (1953) as *Acanthostomum unami*; Oaxaca. Yamaguti (1971) as *Acanthostomum*

unami; Mexico. Brooks (1980); Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Pelazia unami*; Oaxaca, Mexico. Thatcher (1993) as *Acanthostomum unami*; Oaxaca, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010) as *Acanthostomum unami* and *Pelaezia unami*.

STRIGEIDIDA

PROTERODIPLOSTOMIDAE

Proterodiplostomum medusae (Dubois 1936a) Caballero, Hidalgo-Escalante and Crocott 1957. Los Chiles de Grecia, Costa Rica. Small Intestine. Host as *C. acutus acutus*. Brenes (1961); Alajuela, Costa Rica. Intestine. CCNH (1997); Los Chiles de Grecia, Costa Rica. Rodriguez-Ortiz et al. (2004); Costa Rica. NHM (2010).

ACANTHOCEPHALA

PALAEACNATHOCEPHALA

ECHINORHYNCHIDA

RHADINORHYNCHIDAE

Gorgorhynchoides sp. Cable and Linderoth 1963. Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009).

NEMATODA

ENOPLEA

ENOPLIDA

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Quintana Roo, Mexico. Stomach (via flushing).
Specimens identified as two different species. Villegas and Gonzalez-Solis (2009) as *Capillaria* sp.

Paratrichosoma recurvum (Solger 1877) Ashford and Muller 1978. Mexico. Solger (1877); Solger (1933); Mexico. Thoracic integuments. Skryabin (1951a); Mexico. Abdominal skin. Ashford and Muller (1978); Mexico. Baker (1987) as *Capillaria recurva*; Mexico. Abdominal skin. Moravec (2001); Huchzermeyer (2003); Mexico. NHM (2010) as *P. recurvum* and *P. crocodylus*.

SPIRURIA

ASCARIDIDA

ANISAKIDAE

Contracaecum rudolphii Hartwich 1964. Belize. Stomach. NPC (2010).

Pseudoterranova sp. Mosgovoy 1950. Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009).

Terranova crocodili (Taylor 1924) Sprent 1979b. Quintana Roo, Mexico. Stomach (via flushing).
Villegas and Gonzalez-Solis (2009); Belize. Stomach. NPC (2010).

ASCARIDIDAE

Dujardinascaris sp. Baylis 1947. National Zoo Park, Washington D.C., USA. Host as *Crocodylus americanus*. NPC (2010) as *Dujardinia* sp.

Dujardinascaris helicina (Molin 1860) Baylis 1947. Natural History Museum of Vienna, Vienna, Austria. Molin (1860) re-described specimen as *Ascaris helicina*; Abdomen. Linstow (1878) as *Ascaris helicina*; Ventricle. Stossich (1896); Geodoelst (1916); Stomach. Baylis (1923) as *Dujardinia helicina*; Santa Clara, Cuba. Stomach. Perez Vigueras (1937); Baylis (1947); El Salvador. Stomach. Herber (1961) as *Dujardinia helicina*; Intestine and stomach. Skryabin (1951b); Laguna del Tesoro, Cuba. Stomach. Groschaft and Barus (1970); Artis Zoo, Amsterdam, Netherlands, and San Diego Zoo, San Diego, California, USA. Stomach. Sprent (1977); Artis Zoo, Amsterdam, Netherlands, and Cuba, and San Diego Zoo, San Diego, California, USA. Baker (1987); Huchzermeyer (2003); Veracruz, Mexico. Stomach and rectum. CCNH (1997); Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009); Santa Clara, Mexico. Stomach. NHM (2010); Belize, El Salvador, and San Diego Zoo, San Diego, California, USA. Gastric mucosa and stomach. NPC (2010) as *Dujardinascaris helicinum* and *Dujardinia helicina*; Rio Hondo, Chetumal, and Lagoon Illusion, Villahermosa, Mexico. Stomach (via flushing). Author's unpublished data (2011).

Dujardinascaris waltoni Sprent 1977. La Libertad, El Salvador, and San Diego Zoo, San Diego, California, USA. Stomach. NPC as *Dujardinia helicina* (2010).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura vazi Travassos 1933. San Diego Zoo, San Diego, California, USA. Body cavity. NPC (2010).

UNKNOWN

Unidentified ascarid. National Zoological Park, Washington, D.C., USA. Intestine. NPC (2010).

Unidentified species. Honduras. NPC (2010).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

POROCEPHALIDAE

Porocephalus sp. Humboldt 1811. Utila, Honduras. Host as *Crocodylus americanus*. NPC (2010).

Porocephalus crocodili Wheeler 1913. Guayas River, Ecuador. Lungs. Wheeler (1913); Sambon (1922); Bronchial tissue and lungs. Hett (1924).

SEBKIDAE

Alofia platycephala (Lohrmann 1889) Giglioli 1922 in Sambon 1922. Rio Cabacal, Brazil. Lungs. Host as *Crocodylus americanus*. Heymons and Vitzthum (1936) as *Pentastomum platycephalum*.

Leiperia gracilis (Diesing 1835) Sambon 1922 *species inquirenda*. Guayas River, Ecuador. Lungs. Wheeler (1915) as *Porocephalus crocodili*; Sambon (1922) as *Sebekia crocodili*; Lungs. Heymons and Vitzthum (1934) as *Leiperia neotropica* and *Porocephalus crocodili*; Host as *Crocodylus americanus*. Heymons (1935); America. Breathing apparatus. Heymons and Vitzthum (1936); Riley

and Huchzermeyer (1996); South America. Junker (2002); South America. Junker and Boomker (2006).

Sebekia divestei Giglioli 1922. Lungs. Sambon (1922); Host as *Crocodilus americanus*. Heymons (1935); Host as *Crocodilus americanus*. Heymons (1935); Host as *Crocodilus americanus*. Heymons and Vitzthum (1936); Junker (2002); Huchzermeyer (2003); Junker and Boomker (2006).

Sebekia oxycephala (Diesing 1835) Sambon 1922. Lungs. Diesing (1835) as *Pentastoma oxycephalum*; Diesing (1850) as *Pentastomum oxycephalum*; Lungs. Host as *Crocodilus americanus*. Shipley (1898) as *Pentastoma proboscideum* and *Porocephalus oxycephalus*; Sambon (1922); Host as *Crocodilus americanus*. Heymons (1935); Breathing apparatus. Host as *Crocodilus americanus*. Heymons and Vitzthum (1936); Junker (2002); Junker and Boomker (2006).

***Crocodylus intermedius* Graves 1819**

Orinoco Crocodile

Synonyms: *Crocodylus journeyi*, *Crocodylus intermedius*, *Mecistops bathyrhynchus*

Crocodylus journeyi Borey de St. Vincent 1844 (partim), *Mecistops journeyi* Borey de St. Vincent 1844 (partim),

□ *Mecistops bathyrhynchus* Cope 1861, *Molinia intermedia* Gray 1862, *Champse intermedia* Gray 1862

ANNELIDA

HIRUDINEA

UNKNOWN

Unidentified leech. Cojedas River System, Venezuela. Seijas (2007).

NEMATODA

ENOPLEA

ENOPLIDA

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Colombia and Venezuela. Ventral epidermis. King and Brazaitis (1971); Epidermis of abdomen. Moravec and Vargas-Vasquez (1998); Huchzermeyer (2003).

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Ortleppascaris alata (Baylis 1947) Spret 1978a. Venezuela. Body cavity and stomach. Spret (1978a); Baker (1987); Venezuela. Stomach. Moravec and Kaiser (1995); Huchzermeyer (2003).

ARTHROPODA

ACARI

IXODIDA

IXODIDAE

Unidentified tick. Cojedas River System, Venezuela. Seijas (2007).

***Crocodylus johnstoni* (Krefft 1873) Cogger 2000**

Australian Freshwater Crocodile

Synonyms: *Crocodylus johnsoni*, *Tomistoma krefftii* (*nomen nudum*) and *Crocodylus (Philas) johnstoni*

APICOMPLEXA

COCCIDIASINA

UNKNOWN

Unidentified coccidian species. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia.

Intestine. Buenviaje et al. (1994); Huchzermeyer (2002); Huchzermeyer (2003).

PLATYHELMINTHES

DIGenea

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Proctocaecum blairi Tkach and Synder 2010. Coolibah Crocodile Farm, Victoria River, Northern Territory, Australia. Small intestine. Tkach and Synder (2010).

Proctocaecum nicolli (Nicoll 1918) Brooks 1980. Armadale, North Queensland, Australia. Intestine.

Nicoll (1918) as *Acanthochasmus quaesitus*; Hughes et al. (1941b) as *Acanthostomum quesitum*;

Australia. Hughes et al. (1942) as *Acanthostomum quesitum*; Australia. Yamaguti (1958) as

Acanthostomum quesitum; North Queensland. Issa (1962) as *Acanthostomum quesitum*; Australia.

Yamaguti (1971) as *Acanthostomum quesitum*; Lynd River, Amber Station, and Mount Surprise, North

Queensland, Australia. Intestine. Brooks and Blair (1978) as *Acanthostomum quesitum*; Queensland,

Australia. Brooks (1980); Australia. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum quaesitum*; Huchzermeyer (2003) as *Acanthostomum quesitum*; Australia. Intestine. MPC (2010) as *Acanthostomum quesitum*; Mount Surprise, Queensland, Australia. Intestine. NPC (2010) as *P. nicolli* and *Acanthostomum quesitum*.

STRIGEIDIDA

SCHISTOSOMATIDAE

Griphobilharzia amoena Platt, Blair, Purdie and Melville 1991. Letaba Crocodile Farm, Stapleton Station, Northern Territory, Australia. Gut washings, kidneys, lungs, liver, and spleen. Platt et al. (1991); Blood vessels. Huchzermeyer (2003); Brant and Loker (2005); Northwest Territory, Australia. Intestine. MPC (2010); Northwest Territory, Australia. Lung. NPC (2010).

EUCESTODA

PSEUDOPHYLLIDEA

DIPHYLLOBOTHRIIDAE

Spirometra erinacei Melville 1988. Northern Territory, Australia. Muscle. Huchzermeyer (1997); Northern Territory, Australia. Millan et al. (1997); Northern Territory, Australia. Huchzermeyer (2003); Australia. Muscle. EFSA (2007).

UNKNOWN

Unidentified blood flukes. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Kidneys. Buenviaje et al. (1991).

ANNELIDA

HIRUDINEA

UNKNOWN

Unidentified leech. McKinlay River, Australia. Cloaca, fore- and hindlimbs, and mouth. Webb and Manolis (1983); Huchzermeyer (2003).

NEMATODA

ENOPLEA

ENOPLIDA

CAPILLARIIDAE

Crocodilicapillaria longiovata Moravec and Spratt 1998. Noonamah Crocodile Far, Darwin, Australia. Stomach. Moravec and Spratt (1998); Northern Australia. Stomach. Moravec (2001); Huchzermeyer (2003).

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach mucosal lining. Buenviaje et al. (1991) as *Capillaria* sp.

Paratrichosoma crocodylus Ashford and Muller 1978. McKinley River, Australia. Ventral surface. Webb and Manolis (1983); North Australia. Baker (1987); Northern Australia. Tunnels in epidermis of abdomen. Moravec (1986); Huchzermeyer (2003) as *Capillaria crocodilus* and *P. crocodylus*.

SPIRURIAASCARIDIDA

ANISAKIDAE

Terranova crocodili (Taylor 1924) Hartwich 1957. Armidale, Queensland, Australia. Stomach.

Baylis (1931) as *Porrocaecum crocodili*; Mozgovoy (1953); Australia. Stomach. Skryabin (1969c);

Queensland, Australia. Sprent (1979b); Australia. Baker (1987); Huchzermeyer (2003).

ASCARIDIDAE

Brevimulticaecum australiensis (Baylis 1931) Sprent 1990. Stomach. Baylis (1931); Stomach.

Travassos (1933b) as *Dujardinia australiensis*; Australia. Baylis (1940) as *Dujardinascaris*

australiensis; Australia. Stomach. Skryabin et al. (1969b); Northern Queensland. Stomach. Sprent

(1978) as *Gedoelstascaris australiensis*; Queensland, Australia. Baker (1987) as *Gedoelstascaris australiensis*; Machida et al. (1992); Huchzermeyer (2003) as *Gedoelstascaris australiensis*.

Dujardinascaris blairi Sprent, McKeown and Cremin 1998. Lynd River, North Queensland,

Australia. Stomach. Sprent et al. (1998); Huchzermeyer (2003).

Dujardinascaris mawsonae Sprent McKeown and Cremin 1998. Stomach. Arnhem Land and Herbert

River, Northern Australia. Stomach. Possibly found in this host. Sprent (1977); Queensland,

Australia. Possibly found in this host. Baker (1987); Possibly found in this host. Huchzermeyer (2003).

Multicaecum agile (Wedl 1861) Baylis 1923. Queensland, Australia. Stomach. Sprent (1979a); Queensland, Australia. Baker (1987); Huchzermeyer (2003).

Typhlophorus spratti Sprent 1999. New Queensland, Australia. Stomach. Sprent (1999); Huchzermeyer (2003).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura australiensis Moravec, Kay and Hobbs 2004. Ord River, Australia. Peritoneal cavity. Moravec et al. (2004); Ord River, Australia. Peritoneal cavity. Moravec et al. (2006).

UNKNOWN

Unidentified ascarids. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach wall. Buenviaje et al. (1991).

ARTHROPODA

ACARI

IXODIDA

IXODIDAE

Amblyomma sp. Koch 1837. Lynd River, Queensland, Australia. Tucker (1995); Huchzermeyer (2003).

PENTASTOMIDAPOROCEPHALIDA

SEBEKIDAE

Leiperia australiensis Riley and Huchzermeyer 1996. Queensland, Australia. Pulmonary artery.

Riley and Huchzermeyer (1996); Junker (2002); Northern Territory, Australia. Junker and Boomker (2006); Huchzermeyer (2003).

Sebekia sp. Sambon 1922. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Alveoli, bronchi, and lungs. Buenviaje et al. (1991).

Sebekia johnstoni Riley, Spratt and Winch 1990. Northern Territory, Australia. Cephalothorax. Riley et al. (1990); Junker (2002); Huchzermeyer (2003).

Sebekia multiannulata Riley, Spratt and Winch 1990. Noonamah Crocodile Farm, Darwin, Australia. Cephalothorax. Riley et al. (1990); Junker (2002); Huchzermeyer (2003); Northern Territory. Australia. Junker and Boomker (2006).

UNKNOWN

Unidentified porocephalid species. Bullita Station, Gregory National Park, Australia. Muscle near lungs. Riley and Huchzermeyer (1996).

***Crocodylus mindorensis* Schmidt 1935**

Philippine Crocodile

*Currently there is no documentation of natural parasitic infections in this crocodilian species.

**Junker (2002) states that *Alofia ginae* may be in this crocodilian species, but it is unlikely.

Crocodylus moreletii* Duméril and Bibron 1851*Morelet's Crocodile**

Synonymys: *Palinia moreletii* Dumeril and Dumeril 1851, \square *Champse moreletii* Dumeril and Dumeril 1851, *Crocodylus americanus var moreletii* Gunther 1885, *Crocodylus mexicanus* Bocourt 1869, *Crocodylus moreletii baranumborwni* Mook 1859 (nomen dubium)

PLATYHELMINTHES**DIGenea****PLAGIORCHIIDA****CRYPTOGONIMIDAE**

Acanthostomum sp. Looss 1899. Tabasco, Mexico. Two different specimens identified as species of *Acanthostomum*. Ostrowski de Nunez (1984); Mexico. Garcia-Reynoso (1991); Tabasco, Mexico. CCNH (1997); Mexico. NHM (2010).

Acanthostomum americanum (Pérez Viguera, 1956) Herber 1961. Mexico. Garcia-Reynoso (1991) as *Proctocaeum americanum*; Lagoon of Celestun Yucatan, Mexico. Small intestine. Moravec (2001); Gairhe (2007).

Caimanicola marajoara Teixeira de Freitas and Lent 1938. Tabasco, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010) as *Acanthostomum acuti* or *Proctocaeum acuti*.

Timoniella loossi (Pérez Viguera, 1956) Brooks 1980. Yucatan, Mexico. Intestine. Salgado-Maldonado (1991); Yucatan, Mexico. Intestine. CCNH (1997); Lagoon of Celestun Yucatan, Mexico. Large intestine. Moravec (2001); Gairhe (2007) as *Pelazia loosi*; Mexico. NHM (2010).

Timoniella scyphocephalum (Braun 1899) Brooks 1980. Tabasco, Mexico. Thatcher (1964) as *Acanthostomum scyphocephalum*.

TELORCHIIDAE

Telorchis sp. Luhe 1899. Lagoon of Celestun Yucatan, Mexico. Intestine. Moravec (2001); Gairhe (2007); Mexico. NHM (2010).

STRIGEIDIDA

PROTERODIPLOSTOMIDAE

Crocodilicola pseudostoma (Willemoes-Suhm, 1870) La Rue 1926. Veracruz, Mexico. Dubois (1953); Mexico. Yamaguti (1958); Tabasco, Mexico. Thatcher (1964); Veracruz, Mexico. Intestine. CCNH (1997); Mexico. Intestine. MLC (2010); Mexico. NHM (2010).

Herpetodiplostomum caimancola (Dollfus 1935) Dubois 1936a. Rio Cuetzalapan, Catemaco, Veracruz, Mexico. Intestine. Caballero (1948) as *Crocodilicola pseudostoma*.

Massoprostatum sp. Caballero 1947. Host of *Crocodylus* sp. Brooks et al. (1992).

Massoprostatum longum Caballero 1948. Veracruz, Mexico. Large and small intestine. Caballero (1948); Mexico. Dubois (1953); Mexico. Intestine. Skrjabin (1964); Veracruz, Mexico. Yamaguti (1971); Tabasco, Mexico. Thatcher (1993); Veracruz, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010).

Pseudoneodiplostomum sp. Dubois 1936a. Veracruz, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010).

Pseudoneodiplostomum groschafti Moravec, 2001. Lagoon of Celestun, Yucatan, Mexico. Middle part of small intestine. Moravec (2001); Gairhe (2007); Mexico. NHM (2010).

NEMATODA

ENOPLEA

ENOLPIDA

DIOCTOPHYMATIDAE

Eustrongylides sp. Jagerskold 1909. Mexico. NHM (2010).

TRICHOSOMOIDIDAE

Paratrichosoma recurvum (Solger, 1877) Ashford and Muller 1978. Lagoon of Celestun Yucatan, Mexico. Abdominal skin. Moravec and Vargas-Vasquez (1998); Lagoon of Celestun Yucatan, Mexico. Abdominal skin. Moravec (2001); Huchzermeyer (2003); Mexico. NHM (2010).

SPIRURIAASCARIDIDA

ANISAKIDAE

Contraecum sp. Raillet and Henry (1912). Lagoon of Celestun Yucatan, Mexico. Two larva in mesentery. Moravec (2001); Mexico. Mesentery. Garcia-Reynoso (1991); Veracruz, Mexico. Stomach. CCNH (1997); Mexico. NHM (2010).

Terranova lanceolata (Molin 1860) Sprent 1979b. Rio Hondo, Chetumal, and Mexico. Stomach (via flushing). Author's unpublished data (2011).

ASCARIDIDAE

Dujardinascaris helicina (Molin 1860) Baylis 1947. Lagoon of Celestun Yucatan, Mexico. Stomach. Moravec (2001); Quintana Roo, Mexico. Stomach. Villegas and Gonzalez-Solis (2009); Mexico. NHM (2010); Belize. Stomach. NPC (2010) as *Dujardinascaris helicinum*; Lagoon Illusion, Villahermosa, and Puerto Arista, Chiapas, and Rio Hondo, Chetumal, and Mexico. Stomach (via flushing). Author's unpublished data (2011).

Ortleppascaris antipini (Mozgovoy 1950) Sprent 1978a. Mexico. Intestine. Mexico. Garcia-Reynoso (1991) as *Dujardinascaris antipini*; Veracruz, Mexico. Stomach. CCNH (1997) as *Dujardinascaris antipini*; Mexico. NHM (2010) as *Dujardinascaris antipini*.

CAMALLINDA

MICROPLEDIDAE

Micropleura sp. Linstow 1906. Lagoon of Celestun Yucatan, Mexico. Body Cavity. Moravec (2001); Mexico. NHM (2010).

ARTHROPODA

ACARI

IXODIDA

IXODIDAE

Amblyomma sp. C.L. Koch, 1837. New River Lagoon, Northern Belize. Lateral surface of tail. Rainwater (2001); Huchzermeyer (2003).

Amblyomma dissimile Koch 1844. New River Lagoon, Northern Belize. Lateral surface of tail. Rainwater (2001); Huchzermeyer (2003).

Crocodylus niloticus* (Cuvier 1807) Schmidt 1919*Nile Crocodile**

Synonymy: *Crocodylus niloticus niloticus Laurenti 1768 (subspecies)*, *Crocodylus niloticus Daudin 1802*, *Crocodylus vulgaris Cuvier 1807*, *Crocodylus suchus Geffroy de St. Hilaire 1807 (subspecies)*□, *Crocodylus niloticus suchus Geffroy de St. Hilaire 1807 (subspecies)*□, *Crocodylus chamses Bory de St. Vincent 1824 (subspecies)*,□ *Crocodylus niloticus chamses Bory de St. Vincent 1824 (subspecies)*, *Crocodylus multiscutatus Ruppell 1826*, *Crocodylus marginatus Geffroy de St. Hilaire 1827*, *Crocodylus lacunosus Geffroy de St. Hilaire 1827*, *Crocodylus complanatus Geffroy de St. Hilaire 1827*, *Crocodylus octophractus Ruppell 1831*, *Crocodylus binuensis Baikie 1857*, *Crocodylus madagascariensis Grandidier 1837*, *Crocodylus niloticus madagascariensis Grandidier 1872*, *Crocodylus hexaphractus Ruppell 1885*, *Crocodylus crocodilius Fox 1901*, *Crocodylus niloticus kaisensis Swinton 1926*, *Crocodylus vulgaris Kalin 1933*, *Champsia vulgaris Wenz 1933*, *Crocodylus niloticus niloticus Deraniyagala 1948*, *Crocodylus niloticus pauciscutatus Deraniyagala 1948 (subspecies)*, *Crocodylus niloticus worthingtoni Deraniyagala 1948*

SARCOMASTIGOPHORA**DIPLOZOA****DIPLOMONADIDA****HEXAMITIDAE**

Giardia sp. Künstler 1882. South Africa. Intestinal epithelium. Huchzermeyer (2003).

ZOOMASTIGOPHORA**TRYPANOSOMATIDA****TRYPANOSOMATIDAE**

Trypanosoma grayi Hoare 1929. Hoare (1929); Blood. Hoare (1931); Blood. Huchzermeyer (2003); Blood. Viola et al. (2009).

APICOMPLEXA

COCCIDIASINA

EUCOCCIDIORIDA

CRYPTOSPORIDIIDAE

Cryptosporidium sp. Tyzzer 1907. Huchzermeyer (2003).

EIMERIIDAE

Eimeria sp. Schneider 1875. Huchzermeyer (2003).

Goussia sp. Labbe 1896. Zimbabwe. Liver, lung and spleen. Gardiner et al. (1986).

HAEMOGREGARINIDAE

Haemogregarina sheppardi Travassos Santos Dias 1952. Mozambique. Blood. Travassos Santos Dias (1952); Huchzermeyer (2003) as *Hepatozoon sheppardi*.

HEPATAZOIDAE

Hepatozoon sp. Miller 1908. Blood. Thiroux (1910) as *Haemogregarina* sp.; Niger. Blood. Leger (1914) as *Haemogregarina*; Senegal. Host as *Crocodilus niloticus*. Wenyon (1926) as *Haemogregarina* sp.

Hepatozoon pettiti (Wenyon 1909) Smith 1996. Saint-Louis, Senegal. Blood. Thiroux (1910) as *Haemogregarina pettiti*; Africa and Sudan. Host as *Crocodilus niloticus*. Wenyon (1926) as *Haemogregarina pettiti*; Lake Victoria, Uganda. Blood and various organs. Hoare (1932) as *Haemogregarina pettiti*; Okavango Delta, Botswana. Blood. Leslie et al. (2011).

PIROPLASMIDA

THEILERIDAE

Theileria kochi (Stephens & Christophers, 1903) Wenyon, 1926. Central Africa. Host as *Crocodilus niloticus*. Wenyon (1926).

UNKNOWN

Unidentified coccidian species. Zimbabwe. Jacobson (1984); Zimbabwe. Small intestine and rectum. Foggin (1987); Zimbabwe. Intestinal mucosa, liver, lungs, and spleen. Obwolo and Zwart (1992); Organs. Huchzermeyer (2002); Egypt. Huchzermeyer (2003); Zimbabwe. Gairhe (2007); Zimbabwe. Liver and spleen. NPC (2010).

PLATYHELMINTHES

DIGENEA

ECHINOSTOMIDA

ECHINOSTOMATIDAE

Echinostomum crocodili (Poirier 1886) Prudhoe 1944. Odhner (1902) as *Echinostomum crocodili* and *Echinostomum umbonatum*; Odhner (1910); Hughes et al. (1941b); Africa. Hughes et al. (1942); Yamaguti (1958); Africa. Yamaguti (1971); Huchzermeyer (2003).

Stephanoprora odhneri Yamaguti (1971). Sudan. Yamaguti (1971).

Stephanoprora ornata Odhner 1902. Odhner (1910) as *Echinostomum ornatum*; Hughes et al. (1941b); Egypt. Hughes et al. (1942); Huchzermeyer (2003).

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Proctocaecum gonotyl (Dollfus 1950) Brooks 1980. Democratic Republic of the Congo. Yamaguti (1958) as *Acanthostomum gonotyl*; Democratic Republic of the Congo. Issa (1962) as *Acanthostomum gonotyl*; Democratic Republic of the Congo. Yamaguti (1971) as *Acanthostomum gonotyl*; Democratic Republic of the Congo, and Egypt. Brooks (1980); Central Africa. Canaris and Gardner (2003) as *Acanthochasmus gonotyl*.

Proctocaecum productum (Odhner 1902) Brooks 1980. Hughes et al. (1941b) as *Acanthostomum productum*; Sudan. Hughes et al. (1942) as *Acanthostomum productum*; Sudan. Yamaguti (1958) as *Acanthostomum productum*; Issa (1962) as *Acanthostomum productus*; Malakal, Sudan. Intestine. Khalil (1963) *Acanthostomum productum*; Sudan. Yamaguti (1971) as *Acanthostomum productum*; South Africa. Prudhoe and Hussey (1976) as *Acanthostomum productum*; South Africa and Sudan. Brooks (1980); South Africa and Sudan. Lamothe-Argumedo and Ponciano-Rodriguez (1986); East Africa. Canaris and Gardner (2003) as *Acanthochasmus productus* and *Acanthostomum productum*; Huchzermeyer (2003) as *Acanthostomum productum*.

Proctocaecum vicinum (Odhner 1902) Brooks 1980. Hughes et al. (1941) as *Acanthostomum vicinum*; Sudan. Hughes et al. (1942) as *Acanthostomum vicinum*; Sudan. Yamaguti (1958) as *Acanthostomum vicinum*; Malakal, Sudan. Intestine. Khalil (1963) as *Acanthostomum vicinum*; Sudan. Yamaguti (1971) as *Acanthostomum vicinum*; Sudan. Brooks (1980); Sudan and Upper Nile, Egypt. Lamothe-Argumedo and Ponciano-Rodriquez (1986); East Africa. Canaris and Gardner (2003) as *Acanthochasmus vicinus* and *Acanthostomum vicinus*; Huchzermeyer (2003) as *Acanthostomum vicinum*.

EXOTIDENDRIIDAE

Exotidendrium gharialii Mehra 1935. Madagascar. Large intestine. Host as *Crocodilus niloticus*. Deblock et al., (1965).

STRIGEIDIDA

CLINOSTOMIDAE

Nepthrocephalus bagri-incapsulatus (Wedl 1861) Dollfus 1930. Nungua Lake, Ghana. Mouth. NPC (2010).

Nepthrocephalus sessilis Odhner 1902. Hughes et al. (1941b); Sudan. Hughes et al. (1942); East Africa. Canaris and Gardner (2003); Huchzermeyer (2003).

CYATHOCOTYLIDAE

Cyathocotyle fraterna Odhner 1902. Egypt. Intestine. Host as *Champse vulgaris*. Dubois (1938a,b); Hughes et al. (1941b); Egypt. Hughes et al. (1942); Dubois (1953); Egypt. Intestine. Host as

Champse vulgaris. Yamaguti (1958); Egypt. Host as *Crocodilus niloticus* and *Champse vulgaris*. Yamaguti (1971); Huchzermeyer (2003).

DIPLOSTOMIDAE

Fibricola magnitesticulatum (Bisseru 1957) Dubois 1962. Rhodesia. Intestine. Bisseru (1957) as *Neoparadiplostomum magnitesticulatum*; Kafue River, Zambia. Intestine. Dubois (1969) as *Neoparadiplostomum magnitesticulatum*; Northern Rhodesia. Yamaguti (1971) as *Neoparadiplostomum magnitesticulatum*; Northern Rhodesia. Intestine. Dubois (1981) as *Fibricola magnitesticulatus*; Huchzermeyer (2003) as *Neoparadiplostomum magnitesticulatum*.

Neodiplostomum butasturinum (Tubangui 1932) Dubois 1936b. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Neoparadiplostomum kafuensis*; Rwanda, and Zambia. Intestine. Dubois (1969); North Rhodesia. Yamaguti (1971); Dubois (1981) as *Fibricola kafuense*; Huchzermeyer (2003).

PROTERODIPLOSTOMIDAE

Pseudoneodiplostomum bifurcatum (Wedl 1861) Dubois 1948. Egypt. Wedl (1861) as *Distoma bifurcatum*; Egypt. Brandes (1888) as *Diplostomum bifurcatum*; Host as *Crocodilus vulgaris*. Linstow (1878) as *Distomum bifurcatum*; Intestine. Dollfus (1935) as *Neodiplostoma bifurcatum*; Egypt. Intestine. Host as *Champse vulgaris*. Dubois (1938a,b) as *Distoma bifurcatum*; Hughes et al. (1941b) as *Distoma bifurcatum*; Egypt. Hughes et al. (1942) as *Distoma bifurcatum*; Egypt. Host as *Crocodilus vulgaris*. Dubois (1948); Dubois (1953); Egypt. Host as *Crocodilus vulgaris*. Ruiz and Rangel (1954); Democratic Republic of the Congo and Egypt. Host as *Crocodilus niloticus* and

Crocodylus vulgaris. Yamaguti (1958); Gatooma, Southern Rhodesia. Intestine. Beverly-Burton (1963); Republic of the Congo, and Egypt. Intestine. Skrjabin (1964); Madagascar. Small intestine. Host as *Crocodylus niloticus*. Deblock et al., (1965); Egypt, and Madagascar, and Republic of the Congo. Host as *Crocodylus niloticus* and *C. vulgaris*. Yamaguti (1971); Egypt. Host as *Crocodylus vulgaris*. Bhutta and Khan (1975); South Africa. Intestine. Prudhoe and Hussey (1977); North and Central Africa. Host as *Crocodylus niloticus* and *C. vulgaris*. Canaris and Gardner (2003); Huchzermeyer (2003); Madagascar. Gairhe (2007); Rhodesia. Intestine. MLC (2010).

Pseudoneodiplostomum thomasi Dubois 1948. Madagascar. Small intestine. Host as *Crocodylus niloticus*. Deblock et al., (1965); Madagascar. Gairhe (2007); Nungua Lake, Ghana. Small intestine. NPC (2010).

STRIGEIDAE

Parastrigea arcuata (Bisseru 1956) Dubois 1968b. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Prostrigea arcuata*; Zambia. Intestine. Dubois (1968); Central Africa. Canaris and Gardner (2003) as *Prostrigea arcuata*; Huchzermeyer (2003)

Strigea cuncumae Bisseru 1956. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Neostrigea leiperi*; Zambia. Intestine. Dubois (1968a,b).

Strigea falconis Szidat 1928. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Neostrigea africana*; Huchzermeyer (2003) as *Neostrigea africana*.

Strigea leiperi (Bisseru 1956) Dubois 1968b. Central Africa. Canaris and Gardner (2003) as *Neostrigea leiperi*.

ANNELIDA

HIRUDINEA

ARHYNCHOBDELLIDA

HIRUDINIDAE

Limnatis nilotica (Savigny 1820) Moquin-Tandon 1826. Nile River. Anterior part of pharynx. Host as *Champse vulgaris*. Diesing (1850) as *Bdella nilotica*; Mouth. Leidy (1884) as *Bdella nilotica*.

Placobdelloides multistriata (Johansson 1909) Sawyer 1986. Okavango Delta, Botswana. Blood. Leslie et al. (2011) as *Placobdelloides multistriatus*.

NEMATODA

ENOPLEA

ENOPLIDA

DIOCTOPHYMATIDAE

Eustrongylides sp. Jagerskiold 1909. Okavango River, Botswana. Stomach. Junker et al. (2006b).

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Zimbabwe. Moravec (1985); Zimbabwe. Abdominal skin. Foggin (1987); Moravec (2001).

TRICHURIDA

TRICHINELLIDAE

Trichinella sp. Railliet 1895. Zimbabwe. Moravec (2001); Zimbabwe. Pozio (2001).

Trichinella spiralis nelsoni Britov and Boev 1972. Zimbabwe. Muscle. Huchzermeyer (1997).

Trichinella zimbabwensis Pozio, Foggin, Marucci, Rosa, Sacchi, Corona, Rossi and Mukarartirwa 2002. Zimbabwe. Muscles. Huchzermeyer (2002); Zimbabwe. Small intestine and muscle. Pozio et al. (2002); Zimbabwe. Muscle. Pozio et al. (2004); Ethiopia, Mozambique, and Zimbabwe. Muscle. Pozio et al. (2007); Lake Cahora Basa, Mozambique, and Lake Abaja, Ethiopia, and South Africa, and Zimbabwe. Intercostal pillars, pterygoides, tail, tongue, and triceps. La Grange et al. (2009).

RHABDITIA**RHABDITIDA**

OSWALDOFILARIIDAE

Oswaldofilaria versterae Bain, Kouyate and Baker 1982. Mkota Reserve, Rhodesia. Bain et al. (1982); Baker (1987); Huchzermeyer (2003).

SPIRURIA**ASCARIDIDA**

ASCARIDIDAE

Brevimulticaecum vandenbrandeni (Baylis 1929) Sprent 1977. Democratic Republic of the Congo. Intestine. Baylis (1929) as *Dujardinia vandenbrandeni*; Stomach. Baylis (1940) as *Dujardinia*

vandenbrandeni; Africa. Baylis (1947) as *Dujardinascaris vandenbrandeni*; Democratic Republic of the Congo. Intestine. Skryabin et al. (1969b) as *Dujardinascaris vandenbrandeni*; Angola, and Boma, Democratic Republic of the Congo, and Zambia. Intestine and stomach. Sprent (1978b) as *Gedoelestascaris vandenbrandeni*; Angola, and Boma, Democratic Republic of the Congo, and Zambia. Baker (1987) as *Gedoelestascaris vandenbrandeni*; Central Africa. Canaris and Gardner (2003); Huchzermeyer (2003) as *Gedoelestascaris vandenbrandeni*; Okavango River, Botswana. Stomach. Junker et al. (2006a) as *Gedoelestascaris vandenbrandeni*.

Dujardinascaris sp. Baylis 1947. Zimbabwe. Foggin (1987).

Dujardinascaris dujardini (Travassos 1920) Baylis 1947. Democratic Republic of the Congo. Stomach. Host as *Crocodilus niloticus*. Geodoelst (1916) as *Ascaris helicina* (in part); Travassos (1920) as *Dujardinia dujardini*; Africa. Stomach. Host as *Crocodilus vulgaris*. Baylis (1923) as *Dujardinia helicina*; Yorke and Maplestone (1926) as *Dujardinia helicina*; Stomach. Baylis (1940) as *Dujardinia helicina*; Africa. Baylis (1947); Lake Tanganyika, Democratic Republic of the Congo, and Rhodesia. Intestine and stomach. Skryabin et al. (1969b); Democratic Republic of the Congo and Zambia. Baker (1987); Huchzermeyer (2003); Okavango River, Botswana. Stomach. Junker et al. (2006a); Abu Hamed, Sudan. Stomach. NPC (2010) as *Dujardinia helicina*.

Dujardinascaris gedoelsti Sprent 1977. Democratic Republic of the Congo. Stomach. Host as *Crocodilus niloticus*. Geodoelst (1916) as *Ascaris helicina* (in part); Democratic Republic of the Congo. Intestine and stomach. Sprent (1977); Congo. Baker (1987).

Dujardinascaris madagascariensis Chabaud and Caballero 1966. Stomach. Chabaud and Caballero (1966) as *D. dujardini madagascariensis*; Mairigodo, Madagascar. Stomach. Sprent (1977); Angola, and Democratic Republic of the Congo, and Madagascar, and Northern Rhodesia. Baker (1987); Huchzermeyer (2003); Okavango River, Botswana. Stomach. Junker et al. (2006a); Abu Hamed, Sudan. Stomach. NPC (2010) as *Dujardinia madagascariensis*.

Dujardinascaris puylaerti Sprent 1977. Boma, Democratic Republic of the Congo, and Zambia. Stomach. Sprent (1977); Republic of the Congo. Stomach. Graber (1981); Democratic Republic of the Congo, and Republic of the Congo, and Zambia. Baker (1987); Huchzermeyer (2003).

Hartwichia roussetoti Chabaud and Bain 1966. Republic of the Congo. Stomach. Sprent (1983); Republic of the Congo. Baker (1987); Huchzermeyer (2003).

Multicaecum agile (Wedl 1861) Baylis 1923. Egypt. Stomach. Host as *Crocodilus vulgaris*. Wedl (1861) as *Ascaris agilis*; Host as *Crocodilus vulgaris*. Linstow (1878) as *Ascaris agile*; Egypt. Stomach. Host as *Crocodilus vulgaris*. Stossich (1861) as *Ascaris agilis*; Intestine and stomach. Baylis (1923); Democratic Republic of the Congo. Intestine. Baylis (1929); Southern Rhodesia. Stomach. Ortlepp (1932); Africa. Stomach. Travassos (1933b); Stomach. Baylis (1940); Africa. Intestine and stomach. Skryabin et al. (1969b); Egypt. Stomach. Sprent (1977); Egypt. Stomach. Sprent (1979a); White Nile River, Egypt, and Republic of the Congo, and Zambia, and Zimbabwe. Baker (1987); Huchzermeyer (2003); Okavango River, Botswana. Stomach. Junker et al. (2006a).

Orneoascaris chrysanthemoides Skrjabin 1916. East, West, and Central Africa. Intestine and stomach. Sprent (1985).

Ortelppascaris nigra (Geodoelst 1916) Sprent 1978a. Democratic Republic of the Congo. Stomach. Geodoelst (1916) as *Ascaris nigra*; Democratic Republic of the Congo. Stomach. Baylis (1923) as *Dujardinia nigra*; Yorke and Maplestone (1926) as *Dujardinia nigra*; Southern Rhodesia. Stomach. Ortlepp (1932) as *Dujardinia tasmani*; Democratic Republic of the Congo. Intestine. Baylis (1940) as *Dujardinia tasmani*; Africa. Baylis (1947) as *Dujardinascaris tasmani*; Democratic Republic of the Congo and South Rhodesia. Intestine and stomach. Skryabin et al. (1969b); Democratic Republic of the Congo and Kutama, Makwiro, Rhodesia. Intestine and stomach. Sprent (1978a); Democratic Republic of the Congo. Stomach. Graber (1981); Angola, and Democratic Republic of the Congo, and Zimbabwe. Baker (1987); Huchzermeyer (2003).

Trispiculascaris assymetrica (Ortlepp 1932) Sprent 1983. Southern Rhodesia. Stomach. Ortlepp (1932) *Porrocaecum assymmetricum*; Central Africa. Stomach. Sprent (1983); Central Africa. Baker (1987); Huchzermeyer (2003).

Trispiculascaris trispiculascaris Travassos 1920. East Africa. Stomach. Sprent (1983); East Africa. Baker (1987); Huchzermeyer (2003).

QUIMPERIIDAE

Gendria sp. Baylis 1930. Stomach. Baylis (1940).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura sp. Linstow 1906. Stomach. Baylis (1940).

Micropleura vivipara Linstow 1906. Zimbabwe. Abdominal cavity. Foggin (1987); Lourenco Marques, Mozambique. Abdominal cavity. NPC (2010).

**** Huchzermeyer (2003) states that *Terranova crocodili* (Taylor 1924) Hartwich 1957 parasitizes *C. niloticus*. However, both of his references do not state this.

SPIRURIDA

UNKNOWN

Unidentified filarid. Lourenco Marques, Mozambique. NPC (2010).

UNKNOWN

Unidentified nematode. Lourenco Marques, Mozambique. Abdominal cavity. NPC (2010).

ARTHROPODA

NEOPTERA

DIPTERA

MUSCIDAE

Glossina palpalis (Robineau-Desvoidy, 1830) Wiedemann 1830. South Africa. Hoare (1929); Hoare (1931); Uganda. Hoare (1932); Huchzermeyer (2003).

PENTASTOMIDAPOROCEPHALIDA

SEBEKIDAE

Alofia sp. Giglioli 1922. Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995a); Kruger National Park, South Africa. Lungs. Junker et al. (1999).

Alofia nilotici Riley and Huchzermeyer 1995a. Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995a); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana and South Africa. Junker (2002); Botswana and South Africa. Junker and Boomker (2006).

Alofia simpsoni Riley 1994. Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana and South Africa. Junker (2002); Botswana and South Africa. Junker and Boomker (2006).

Leiperia cincinnalis (Sambon 1910) Sambon 1922. Murchison Falls, Victoria, Uganda. Lungs. Vaney and Sambon (1910); Rhodesia and Zimbabwe. Lung. Sambon (1922) as *L. cincinnalis* and *Pentastomum gracile*; Democratic Republic of the Congo. Large bronchial. Rodham and Vuylsteke (1932); Africa. Bronchi and lungs. Host as *Crocodilus vulgaris*. Heymons (1935); Africa. Aorta. Host as *Crocodilus vulgaris*. Heymons and Vitzthum (1936); Aorta, heart and lungs. Elkan (1977); Albertville, Democratic Republic of the Congo, and Rhodesia, and Victoria Nile, Uganda. Heart and lungs. Riley and Huchzermeyer (1996); Kruger National Park, South Africa. Aorta, lungs, and trachea. Junker et al. (1999); Kruger National Park, South Africa. Pulmonary artery, and trachea. Junker et al. (2000); Democratic Republic of the Congo, South Africa, Uganda, and Zimbabwe. Junker (2002); Huchzermeyer (2003).

Sebekia cesarisi Giglioli 1922. Africa. Lung. Host as *Crocodilus vulgaris*. Heymons (1935); Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana, and South Africa. Junker (2002); Botswana and South Africa. Junker and Boomker (2006).

Sebekia okavangoensis Riley and Huchzermeyer 1995. Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana and South Africa. Junker (2002); Huchzermeyer (2003); Botswana and South Africa. Junker and Boomker (2006).

Sebekia wedli Giglioli 1922 in Sambon 1922. Bronchi. Giglioli (1922); Bronchi. Sambon (1922); Africa. Bronchi. Host as *Crocodilus vulgaris*. Heymons and Vitzhum (1935); Africa. Bronchi. Host as *Crocodilus vulgaris*. Heymons (1935); Democratic Republic of the Congo. Trachea. Devos (1939); Self and Rego (1985) as *Sebekia oxycephala*; Uganda. Riley et al. (1990); Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana, and Democratic Republic of the Congo, and South Africa, and Uganda. Junker (2002); Huchzermeyer (2003); Botswana and South Africa. Junker and Boomker (2006).

Crocodylus novaeguineae* Schmidt 1927*New Guinea Freshwater Crocodile****APICOMPLEXA****COCCIDIASINA****EUCOCCIDIORIDA****EIMERIIDAE**

Eimeria sp. Schneider 1875. Gulf of Papua New Guinea and Sepik River, Papua New Guinea.

Intestine. Ladds and Sims (1990); Huchzermeyer (2003).

Goussia sp. Labbe 1896. Gulf of Papua and Sepik River, Papua New Guinea. Intestine, liver, spleen,

lung, kidney, and stomach. Ladds and Sims (1990); Huchzermeyer (2003).

HAEMOGREGARINIDAE

Haemogregarina sp. Danilewsky 1885. Gulf of Papua and Sepik River, Papua New Guinea. Blood

vessels. Ladds and Sims (1990); Ladds et al. (1995); Huchzermeyer (2003) as *Hepatazoon* sp.

UNKNOWN

Unidentified coccidian species. Gairhe (2007).

PLATYHELMINTHES**DIGENEA****PLAGIORCHIOIDEA**

Deurithitrema sp. Blair 1985 *genera incertae sedis*. Lae, Papua New Guinea. Kidneys. Ladds and Sims (1990); Huchzermeyer (2003).

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Unidentified cryptogonimid species. Irian Jaya. Intestine. Ladds et al. (1995).

PLAGIORCHIIDAE

Paraoistosomum novaeguineae Tkach 2011. Merauke, New Guinea, Indonesia. Kidneys. Tkach (2011).

Plagiorchid sp. Luthe 1899. Irian Jaya. Kidneys. Ladds et al. (1995); Huchzermeyer (2003).

STRIGEIDIDA

CYATHOCOYLIDAE

Cyathocotyle crocodili Yamaguti 1954. Lae, Papua New Guinea. Intestine. Ladds and Sims (1990).

UNKNOWN

Unidentified digenean. Irian Jaya. Intestine. Ladds et al. (1995).

Unidentified blood flukes. Papua New Guinea. Blood vessels. Ladds and Sims (1990); Irian Jaya. Blood vessels around gastric mucosa. Ladds et al. (1995); Huchzermeyer (2003).

Unidentified flukes. Irian Jaya. Kidney. Ladds et al. (1995).

Unidentified helminths. Lae, Papua New Guinea. Mucosa and sub-mucosa regions and various organs. Ladds and Sims (1990); Irian Jaya. Gastric mucosa. Ladds et al. (1995).

ANNELIDA

HIRUDINEA

UNKNOWN

Unidentified leech. Fly River drainage and Western Province, Papua New Guinea. Epidermis. Montague (1984).

NEMATODA

ENOPLEA

ENOPLIDA

CAPILLARIIDAE

Crocodilocapillaria longiovata Moravec and Spratt 1998. West Irian and Papua New Guinea. Stomach. Moravec and Spratt (1998); Huchzermeyer (2003); Papua New Guinea and West Irian. NHM (2010).

DIOCTOPHYMATIDAE

Eustrongylides sp. Jagerskold 1909. Papua New Guinea. Gastric serosa. Ladds and Sims (1990); Irian Jaya. Abdomen. Ladds et al. (1995); Huchzermeyer (2003).

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Lae, Papua New Guinea. Intestinal wall. Ladds and Sims (1990) as *Capillaria* sp.; Irian Jaya. Stomach. Ladds et al. (1995) as *Capillaria* sp.

Paratrichosoma crocodylus Ashford and Muller 1978. Port Moresby, New Guinea. Ventral skin. Ashford and Muller (1978); Papua New Guinea. Jacobson (1984); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Dujardinascaris harrisae Sprent, McKeown and Cremin 1998. Papua New Guinea. Stomach. Some specimens of Sprent (1977) as *Dujardinascaris taylorae*; Papua New Guinea. Stomach. Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Dujardinascaris mawsonae Sprent 1977. Lake Murray and Central Province, Papua New Guinea. Stomach. Sprent (1977); Papua New Guinea. Stomach and pyloric wall. Ladds and Sims (1990) as *Gedoelestascaris mawsonae*; Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Dujardinascaris taylorae Sprent 1977. Papua New Guinea. Stomach. Sprent (1977); Huchzermeyer (2003).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura sp. Linstow 1906. Lae, Papua New Guinea. Abdominal cavity and lungs. Ladds and Sims (1990); Irian Jaya. Ladds et al. (1995).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Sebekia sp. Sambon 1922. Papua New Guinea. Lungs. Ladds and Sims (1990).

Sebekia novaeguineae Riley, Spratt and Winch 1990. Papua New Guinea. Respiratory tract. Riley et al. (1990); Irian Jaya. Lungs. Ladds et al. (1995); Papua New Guinea. Junker (2002); Papua New Guinea. Junker and Boomker (2006).

***Crocodylus palustris* (Lesson 1831) King and Burke 1989**

Mugger Crocodile

Synonyms: *Crocodylus palustris* Lesson 1831, *Champse palustris* Lesson 1831, *Crocodylus vulgaris indicus* Gray 1831, *Crocodylus vulgaris* Dumeril and Bibron 1836 (partim)□, *Crocodylus bombifrons* Gray 1844, *Crocodylus trigonops* Gray 1844, *Bombifrons trigonops* Gray 1844, *Bombifrons indicus* Gray 1844

SARCOMASTIGOPHORA

PARABASALIA

TRICHOMONADIDA

TRICHOMONADIDAE

Trichomonas prowazekii Alexeioff 1909. Huchzermeyer (2003).

APICOMPLEXA

COCCIDIASINA

EUCOCCIDIORIDA

HAEMOGREGARINIADAE

Haemogregarina sp. Danilewsky 1885. Sumatra. Host as *Crocodylus palustris*. Prowazek (1912); Sumatra. Host as *Crocodylus palustris*. Wenyon (1926).

UNKNOWN

Unidentified coccidian species. India. Jacobson (1984); Huchzermeyer (2003).

PLATYHELMINTHES**DIGenea****PLAGIORCHIIDA**

CRYPTOGONIMIDAE

Atrophocaecum indicum (Sinha 1942) Brooks 1980. Lucknow, India. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum indicum*; India. NHM (2010).

Atrophocaecum slusarskii (Kalyankar 1977) Brooks 1980. Nanded, Maharashtra, India. Intestine. Kalyankar (1977) as *Acanthostomum slusarskii*; India. Brooks (1980); Nanded Maharashtra, India. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum slusarskii*; India. NHM (2010) as *Proctocaecum slusarskii*.

STRIGEIDIDA

PROTERODIPLOSTOMIDAE

Capsulodiplostomum crocodilinum Dwivedi 1966. Robertson Lake, Jabalpur, India. Intestine. Dwivedi (1966); India. Yamaguti (1977); Huchzermeyer (2003).

EUCESTODA**CYCLOPHYLLIDEA**

TAENIIDAE

Taenia bremseri Baird 1852. Intestine. Linstow (1878); Bengal. Hughes et al. (1941b); Hughes et al. (1942).

NEMATODA

ENOPLEA

ENOPLIDA

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Whitaker and Andrews (1989). Moravec (2001); Huchzermeyer (2003).

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Multicaecum agile (Wedl 1861) Baylis 1923. Jullundur, India. Stomach tumor. Bhalero (1934); Africa. Intestine and stomach. Skryabin et al. (1969b); Punjab, India. Stomach. Sprent (1979a); Jullundur, India. Stomach. Sood (1999); Huchzermeyer (2003); India. NHM (2010).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura helicospicula Dey Sarkar 2003. Mundeswari Bhagwanpur, India. Intestine. Dey Sarkar (2003); India. NHM (2010).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SUBRTRIQUETRIDAE

Subtriquetra megacephala (Baird 1853) Sambon 1922. India. Head. Baird (1853) as *Pentastoma megacephalum*; Revision of specimens of Baird (1853). Shipley (1898) as *Porocephalus megacephalus*; Sambon (1922); Heymons (1935) as *Diesingia megacephala*; Flesh of head. Hett (1924) as *Pentastomum megacephalum*; Elkan (1977); Sunderbunds, India. Junker (2002); Huchzermeyer (2003); Sunderbunds, India. Junker and Boomker (2005).

***Crocodylus porosus* Schneider 1801**

Saltwater Crocodile

Synonymy: *Crocodylus natans* Meyer 1795, *Crocodylus porosus* Schneider 1801, *Crocodylus oopholis* Schneider 1801, *Crocodylus biporcatus* Cuvier 1807, *Crocodylus biporcatus raninus* Müller and Schlegel 1844, *Crocodylus pondichermanus* Gunther 1864, □ *Oopholis pondichermanus* Gunther 1864, *Oopholis porosus* Schneider 1891, *Crocodylus nathani* Longman 1924, *Champse porosa* Wagner 1933, *Crocodylus porosus australis* Deraniyagala 1953, *Crocodylus porosus minikanna* Deraniyagala 1953; *Crocodylus porosus porosus* Wermuth 1960 non Mertnes 1960

ANNELIDA

HIRUDINEA

ARHYNCHOBDELLIDA

HIRUDINIDAE

Hirudinaria manillensis Lesson 1842. Zoo Negara, Malaysia. Larynx, lung, and left nostril. Jeffrey (1990).

RHYNCHOBDELLIDA

GLOSSIPHONIIDAE

Placobdelloides multilineata Moore 1953. Beijing Zoo, Beijing, China. Mouth. Yang and Davies (1985).

Placobdelloides stellapapillosa Govedich, Bain and Davies 2002. Singapore Zoological Gardens, Singapore, Singapore. Ear flips, eyelids, mouth, skin folds, throat, and underbelly. Govedich et al. (2002); Singapore Zoological Gardens, Singapore, Singapore. Huchzermeyer (2003).

SARCOMASTIGOPHORA

ZOOMASTIGOPHORA

TRYPANOSOMATIDA

TRYPANOSOMATIDAE

Leishmania sp. Ross 1903. Australia and Papua New Guinea. Upper Intestine. Huchzermeyer (2003).

HETEROKONTOPHYTA

BLASTOCYSTAE

BLASTOCYSTIDA

BLASTOCYSTIDAE

Blastocystis sp. (Alexieff 1911) Brumpt 1912. Singapore Zoological Gardens, Singapore, Singapore. Fecal sample. Teow et al. (1992); Huchzermeyer (2003).

APICOMPLEXA

COCCIDIASINA

EUCOCCIDIORIDA

HAEMOGREGARINIDAE

Haemogregarina sp. Danilewsky 1885. Dadugan-oya, Veyangoda, Sri Lanka. Blood. Dobell (1910); Sri Lanka. Wenyon (1926); Gulf of Papua and Sebik River, Papua New Guinea. Blood. Ladds and Sims (1990).

Haemogregarina hankini Simond 1901. Huchzermeyer (2003) as *Hepatozoon hankini*.

UNKNOWN

Unidentified coccidian species. Gulf of Papua and Sebik River, Papua New Guinea. Intestine. Ladds and Sims (1990); Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Intestine. Buenviaje et al. (1994); Huchzermeyer (2002); Huchzermeyer (2003); Gairhe (2007).

PLATYHELMINTHES

DIGENEA

PLAGIORCHIOIDEA

Deurithitrema sp. Blair (1985) *genera incertae sedis*. Kidneys. Huchzermeyer (2003).

Deurithitrema gingae Blair 1985 *genera incertae sedis*. Darwin, Australia. Kidneys. Blair (1985); Kidneys. Huchzermeyer (2003).

PLAGIORCHIIIDA

CRYPTOGONIMIDAE

Proctocaecum atae (Tubangui and Masiluñgan 1936) Brooks 1980. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936) as *Acanthostomum atae*; Hughes et al. (1941b) as *Acanthostomum*

atae; Philippine Islands. Hughes et al. (1942) as *Acanthostomum atae*; Philippines. Yamaguti (1958) as *Acanthostomum atae*; Palawan, Philippines. Issa (1962) as *Acanthostomum atae*; Philippines. Yamaguti (1971) as *Acanthostomum atae*; Philippine Islands. Brooks (1980); Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum atae*; Intestine and cloaca. Huchzermeyer (2003) as *Acanthostomum atae*; Philippines. NHM (2010) as *Acanthostomum atae*.

Proctocaecum crocodili (Yamaguti 1954) Baugh 1957. Sulawesi, Indonesia. Small intestine. Host as *Crocodilus porosus*. Yamaguti (1954) as *Acanthostomum crocodili*; Baugh (1957); Sulawesi, Indonesia. Yamaguti (1958); Sulawesi, Indonesia. Yamaguti (1971) as *Acanthostomum crocodili*; Lamothe-Argumedo and Ponciano-Rodriguez (1986); Sulawesi. Brooks (1980); Sulawesi, Indonesia. NHM (2010).

Proctocaecum elongatum (Tubangui and Masiluñgan 1936) Brooks 1980. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936) as *Acanthostomum elongatum*; Hughes et al. (1941b) as *Acanthostomum elongatum*; Philippine Islands. Hughes et al. (1942) as *Acanthostomum elongatum*; Philippines. Yamaguti (1958); Philippines. Yamaguti (1971) as *Acanthostomum elongatum*; Gudalcanal Island, and Tomkinson River, Australia, and Philippine Islands. Brooks (1980); Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum elongatum*; Intestine and cloaca. Huchzermeyer (2003) as *Acanthostomum elongatum*; Intestine. MLC (2010); Northern Territory, Australia, and Philippines. NHM (2010) as *Acanthostomum elongatum* and *P. elongatum*.

Timoniella absita Blair, Brooks and Melville 1987. Darwin, Australia. Intestine. Blair et al. (1988); Intestine and cloaca. Huchzermeyer (2003); Australia. Small intestine. Gairhe (2007); Northern Territory, Australia. NHM (2010).

EXOTIDENDRIIDAE

Renivermis crocodyli Blair, Purdie and Melville 1989. Darwin, Australia. Kidneys. Blair et al. (1988); Kidneys. Huchzermeyer (2003); Northern Australia. Kidneys. Gairhe (2007); Northern Territory, Australia. NHM (2010).

STRIGEIDIDA

CYATHOCOTYLIDAE

Cyathocotyle crocodili Yamaguti 1954. Sulawesi, Indonesia. Small intestine. Yamaguti (1954); Sulawesi, Indonesia. Intestine. Yamaguti (1971); Sulawesi, Indonesia. Yamaguti (1971); Gulf of Papua and Sebik River, Papua New Guinea. Intestine. Ladds and Sims (1990); Intestine and cloaca. Huchzermeyer (2003).

LILOPIDAE

Dracovermis rudolphii (Tubangui and Masiluñgan 1936) Brooks and Overstreet 1978. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936); Hughes et al. (1941b); Philippine Islands. Hughes et al. (1942); Philippines. Yamaguti (1958); Palawan, Philippine Islands. Small intestine. Brooks and Overstreet (1978); Cloaca and intestine. Huchzermeyer (2003).

PROTERODIPLOSTOMIDAE

Pseudoneodiplostomum crocodilarum (Tubangui and Masiluñgan 1936) Tubangui 1947. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936) as *Neodiplostomum crocodilorum*; Palawan Island, Philippines. Intestine. Host as *Champse porosa*. Dubois (1938a,b) as *Neodiplostomum crocodilorum*; Hughes et al. (1941b) as *Neodiplostomum crocodilorum*; Philippine Islands. Hughes et al. (1942) as *Neodiplostomum crocodilorum*; Philippines. Dubois (1948); Dubois (1953); Philippines. Ruiz and Rangel (1954) as *P. crocodylarum*; Palawan Islands, Philippines. Host as *Champse porosa*. Yamaguti (1958); Palawan Island, Philippines. Intestine. Skrjabin (1964); Palawan Island, Philippines. Bhutta and Khan (1975); Cloaca and intestine. Huchzermeyer (2003) as *Neodiplostomum crocodilorum*.

Pseudoneodiplostomum crocodili Yamaguti 1954. Sulawesi, Indonesia. Small intestine. Yamaguti (1954); Sulawesi, Indonesia. Intestine. Skrjabin (1964); Sulawesi, Indonesia. Yamaguti (1971).

UNKNOWN

Unidentified blood fluke. Gulf of Papua and Sebik River, Papua New Guinea. Brain, intestine, kidney, liver, lung, spleen, and stomach. Ladds and Sims (1990); Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Kidneys. Buenviaje et al. (1991).

Unidentified helminth larvae. Gulf of Papua and Sebik River, Papua New Guinea. Various organs. Ladds and Sims (1990).

NEMATODA**ENOPLEA****ENOPLIDA****CAPILLARIIDAE**

Crocodylocapillaria longiovata Moravec and Spratt 1998. Crocodile farms, Darwin, Australia, and Papua New Guinea. Stomach. Moravec and Spratt (1998); Noonamah and Janamba Crocodile Farms, Australia. Stomach. Moravec (2001); Huchzermeyer (2003); Northern Territory, Australia, and Papua New Guinea. NHM (2010).

DIOCTOPHYMATIDAE

Eustrongylides sp. Jagerskold 1909. Gulf of Papua and Sebik River, Papua New Guinea. Abdomen. Ladds and Sims (1990); Irian Jaya. Abdomen. Ladds et al. (1995); Huchzermeyer (2003).

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Sebik River and Gulf of Papua, Papua New Guinea. Gastric wall of intestine. Ladds and Sims (1990) as *Capillaria* sp.; Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach mucosal lining. Buenviaje et al. (1991) as *Capillaria* sp.; Huchzermeyer (2003).

Paratrichosoma crocodylus Ashford and Muller 1978. Northern Australia. Tunnels in epidermis. Moravec (1986); Australia. Baker (1987) as *Capillaria crocodilus*; Queensland, Australia. Skin. Buenviaje et al. (1998); Northern Australia. Epidermis of abdomen. Moravec (2001); Saint-Raymond (2008); Northern Territory, Australia. NHM (2010) as *Capillaria crocodilus* and *P. crocodylus*.

TRICHURIDA

TRICINELLIDAE

Trichinella papuae Pozio, Owen, Rosa, Sacchi, Rossi and Corona 1999. Kikori, Papua New Guinea. Muscle, especially in biceps. Chan and Ng (2004); Angoram, and Baimuru, and Bensback River, and Buka, and Kimbe, and Kikori, and Labu, and Popondetta, and Timunke, and Wewak, Papua New Guinea. Muscle samples. Pozio et al. (2004); Kikori, Papua New Guinea. Muscle samples. Pozio et al. (2005).

RHABDITIA**RHABDITIDA**

OSWALDOFILARIIDAE

Oswaldofilaria kanbaya Manzanell 1986. Maningrida, Northern Territory, Australia. Blood (microfilariae), connective tissue, and serous membranes of body cavity. Manzanell (1986); Connective tissue and serous membrane of body cavity. Huchzermeyer (2003); Northern Territory, Australia. NHM (2010).

SPIRURIA**ASCARIDIDA**

ANISAKIDAE

Goezia holmesi Sprent 1978b. Liverpool River, Arnhem Land, Northern Australia. Stomach. Sprent (1978b); Arnhem Land and Gulf of Carpentia, Australia. Baker (1987); Huchzermeyer (2003); Northern Territory, Australia. NHM (2010).

Terranova crocodili Taylor 1924. Queensland, Australia. Sprent (1979b); Arnhem Land and Melville, Australia. Stomach. Taylor (1979); Queensland, Australia. Baker (1987); Palawan Island, Philippines. Stomach. Machida et al. (1992); Huchzermeyer (2003); Northern Australia and Philippines. NHM (2010).

ASCARIDIDAE

Ascaris quadrata Linstow 1903 *dubium incertae sedis*. Bolgoda. Stomach. Linstow (1903); Stomach. Skryabin et al. (1969c) as *Terranova quadrata*; Sri Lanka. Sprent (1979b); Sri Lanka. Baker (1987).

Brevimulticaecum australiensis (Baylis 1931) Sprent 1990. Solomon Islands. Baylis (1947) as *Dujardinascaris australiensis* and *D. salomonis*; Solomon Islands. Stomach. Skryabin et al. (1969c); Arnhem Land and Queensland, Australia and Solomon Islands. Stomach. Sprent (1978b) as *Gedoelstascaris australiensis*; Arnhem Land and Melville, Australia. Stomach. Taylor (1979); Northern Australia and Solomon Islands. Baker (1987) as *Gedoelstascaris australiensis*; Palawan Island, Philippines. Stomach. Machida et al. (1992); Huchzermeyer (2003) as *Dujardinascaris salomonis* and *Gedoelstascaris australiensis*; Northern Territory, Australia and Philippines. NHM (2010).

Dujardinascaris angusae Sprent, McKeown, and Cremin 1998. Papua New Guinea. Stomach. Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Dujardinascaris dujardini (Travassos 1920) Baylis 1947. Port Canning, Gangetic Delta, India. Stomach. Baylis and Daubney (1921); India. Stomach. Baylis (1923) as *Dujardinia helicina*; India. Stomach. Travassos (1933b) as *Dujardinascaris baylisi*; India. Baylis (1947); India. Intestine and stomach. Skryabin et al. (1969b); Stomach. Arnhem Land, Northern Australia. Sprent (1977); Port Canning, Ganges Delta, India. Stomach. Sood (1999) as *Dujardinascaris helicina*; India. Huchzermeyer (2003); India. NHM (2010) as *Dujardinascaris helicina*.

Dujardinascaris harrisae Sprent, McKeown, and Cremin 1998. Papua New Guinea. Stomach. Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Dujardinascaris mawsonae Sprent 1977. Arnhem land, Australia. Stomach. Sprent (1977); Queensland, Australia. Baker (1987); Gulf of Papua and Sebik River, Papua New Guinea. Pyloric wall. Ladds and Sims (1990) as *Gedoelestascaris mawsoni*; Melville Island, Australia. Sprent et al. (1998); Huchzermeyer (2003); Northern Territory, Australia and Papua New Guinea. NHM (2010).

Dujardinascaris philippinensis Machida, Araki, Regoniel, Pontillas, and Kurata 1992. Palawan Islands, Philippines. Stomach. Machida et al. (1992); Huchzermeyer (2003); Philippines. NHM (2010).

Dujardinascaris taylorae Sprent 1977. Arnhem, Australia. Stomach. Sprent (1977); Arnhem Land and Melville, Australia. Stomach. Taylor (1979); Arnhem Land, Australia. Baker (1987); Huchzermeyer (2003); Northern Territory, Australia. NHM (2010).

Dujardinascaris westonae Sprent, McKeown, and Cremin 1998. Papua New Guinea. Stomach.

Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Typhlophorus spratti Sprent 1999. Noonamah Crocodile Farm, Darwin, Australia. Stomach. Sprent

(1999); Northern Territory, Australia. NHM (2010).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura sp. Linstow 1906. Gulf of Papua and Sebik River, Papua New Guinea. Abdominal cavity. Ladds and Sims (1990).

Micropleura vivipara Linstow 1906. Zoological Gardens, Calcutta, India. Mesentery. Linstow (1906); Zoological Gardens, Calcutta, India. Body cavity. Zoological Gardens, Calcutta, India. Sood (1999); Calcutta, India. Baker (1987).

UNKNOWN

Unidentified ascarids. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach wall.

Buenviaje et al. (1991).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Alofia ginae Giglioli 1922 in Sambon 1922. Santa Cruz, Philippines. Bronchioles. Riley (1994); Philippines. Junker (2002); Huchzermeyer (2003); Philippines. Junker and Boomker (2006).

Alofia merki Giglioli 1922 in Sambon 1922. Santa Cruz, Philippines. Bronchioles. Riley (1994); Kerlin Station, Adelaide River, Australia. Muscle near lungs. Riley and Huchzermeyer (1996); Northern Territory, Australia, and Philippines. Junker (2002); Huchzermeyer (2003); Australia and Philippines. Junker and Boomker (2006).

Leiperia australiensis Riley and Huchzermeyer 1996. Noonamah Crocodile Farm, Darwin, and Wildman River Station, Australia. Trachea. Riley and Huchzermeyer (1996); Northern Territory, Australia. Junker (2002); Huchzermeyer (2003); Northern Territory, Australia. Junker and Boomker (2006).

Sebekia sp. Sambon 1922. Northern Territory, Australia. Lungs. Riley et al. (1985); Gulf of Papua and Sebik River, Papua New Guinea. Lungs. Ladds and Sims (1990); Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Alveoli, bronchi, and lungs. Buenviaje et al. (1991).

Sebekia johnstoni Riley, Spratt and Winch 1990. Darwin, Australia. Riley et al. (1990); Northern Territory, Australia. Junker (2002); Northern Territory, Australia. Junker and Boomker (2006).

Sebekia multiannulata Riley, Spratt and Winch 1990. Darwin, Australia. Riley et al. (1990); Northern Territory, Australia. Junker (2002); Huchzermeyer (2003); Northern Territory, Australia. Junker and Boomker (2006).

Sebekia purdieae Riley, Spratt, and Winch 1990. Darwin, Australia. Riley et al. (1990); Northern Territory, Australia. Junker (2002); Northern Territory, Australia. Junker and Boomker (2006).

Selfia porosus Riley 1994. Marraki Station, Australia. Bronchioles. Riley (1994); Northern Territory, Australia. Junker (2002); Northern Territory, Australia. Junker and Boomker (2005).

UNKNOWN

Unidentified species. Yellow Waters, Kakadu National Park, Australia. Muscle near lung. Riley and Huchzermeyer (1996).

UNDETERMINED PARASITES

Sah and Stuebing (1996) stated that gut contents from *C. porosus* contained parasites, but parasites were not identified.

Fernando and Udagma-Randeniya (2009) stated that a parasite was found in *C. porosus* at the National Zoological Gardens in Sri Lanka, but did not state the species.

Crocodylus rhombifer* Cuvier 1807*Cuban Crocodile**

Synonyms: *Champsia rhombifer* Cuvier 1807, *Palinia rhombifer* Cuvier 1807, *Champse planirostris* Graves 1819, *Crocodylus planirostris* Graves 1819, *Crocodylus gravesii* Bory 1824

PLATYHELMINTHES**DIGenea****PLAGIORCHIIDA**

CRYPTOGONIMIDAE

Acanthostomum americanum (Pérez Viguera 1956) Brooks 1980. Cuba. Intestine. Groschafft and Barus (1970) as *Atrophocaeum americanum*; Cuba. Brooks (1980); Cuba. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaeum americanum*; Cuba. NHM (2010).

Caimancola caballeroi (Pelaez and Cruz 1953) Brooks 1980. Cuba. Intestine. Groschafft and Barus (1970) as *Atrophocaeum caballeroi*; Cuba. Brooks (1980); Huchzermeyer (2003); Cuba. NHM (2010) as *Proctocaeum caballeroi*.

Caimanicola marajoara Teixeira de Freitas and Lent 1938. Cuba. Small intestine. Groschafft and Barus (1970) as *Atrophocaeum acuti*; Cuba. Brooks (1980).

Timoniella loossi (Pérez Viguera 1956) Brooks 1980. Cuba. Small intestine. Groschafft and Barus (1970) as *Acanthostomum loosi*; Cuba. Brooks (1980); Zapata Peninsula, Cuba. Intestine. Sardinas et al. (1980) as *Acanthostomum loosi*; Huchzermeyer (2003).

STRIGEIDIDA

PROTERODIPLOSTOMIDAE

Pseudoneodiplostomum sp. Dubois 1936a. Cuba. Small intestine. Groschaft and Barus (1970).

Pseudoneodiplostomum groschafti Moravec 2001. Cuba. NHM (2010).

ACANTHOCEPHALA

PALAEACANTHOCEPHALA

POLYMORPHIDA

POLYMORPHIDAE

Hexaglandula mutabilis (Rudolphi 1819) Petrotschenko 1958. Cuba. Small intestine. Groschaft and Barus (1970); Huchzermeyer (2003).

NEMATODA

SPIRURIA

ASCARIDIDA

ANISAKIDAE

Contracecum sp. Raillet and Henry 1912. Cuba. Stomach. Groschaft and Barus (1970).

ASCARIDIDAE

Dujardinascaris helicina (Molin 1860) Baylis 1947. Cuba. Stomach. Groschaft and Barus (1970); Cuba. Baker (1987).

Ortleppascaris alata (Baylis 1947) Sprent 1978a. Moravec and Kaiser (1995). Stomach.

Ortleppascaris antipini (Mozgovoy 1950) Sprent 1978a. Cuba. Small intestine. Groschaft and Barus (1970) as *Dujardinascaris antipini*; Cuba. Baker (1987).

SPIRURIDA

SPIRURIDAE

Spiroxys sp. Schneider 1866. Cuba. Small intestine and stomach. Groschaft and Barus (1970).

***Crocodylus siamensis* Schneider 1801**

Siamese Crocodile

Synonymys: *Bombifrons siamensis* Schneider 1801, *Champse siamensis* Schneider 1801, *Crocodylus vulgaris* Cuvier 1807 (partim)□, *Crocodylus galeatus* Cuvier 1807, *Crocodylus ossifragus* Janensch 1911

APICOMPLEXA

COCCIDIASINA

EUCCOCIDIORIDA

EIMERIIDAE

Eimeria sp. Schneider 1875. Thailand. Fecal Samples. Siruntawineti et al. (2004).

UNKNOWN

Unidentified coccidian species. Sriracha Crocodile Farm, Thailand and unidentified locations in Thailand. Faecal specimens. Chaeychomsri et al. (2004).

PLATYHELMINTHES

DIGenea

ECHINOSTOMIDA

ECHINOSTOMATIDAE

Echinostomum crocodili (Poirier 1886) Prudhoe 1944. Museum specimen from unknown location. Intestine. Poirier (1886) as *Allechinostomum crocodili*; Intestine. Host as *Crocodylus siamensis*. Stossich (1895) as *Allechinostomum crocodili*; Africa? Brandes (1888) as *Allechinostomum crocodili*; Odhner (1902) as *Echinostomum umbonatum*; Hughes et al. (1941b) as *Allechinostomum crocodili*;

Hughes et al. (1942) as *Allechinostomum crocodili*; Yamaguti (1958) as *Allechinostomum crocodili*; Yamaguti (1971) as *Allechinostomum crocodili*; Canaris and Gardner (2003) as *Allechinostomum crocodili*; Huchzermeyer (2003) as *Allechinostomum crocodili*.

STRIGEIDIDA

PROTERODIPILOSTOMIDAE

Crocodilicola pseudostoma (Willemoes-Suhm 1870) Poche 1926. Museum specimen from unknown location. Intestine. Poirier (1886) as *Diplostomum pseudostomum*.

Pseudoneodiplostomum dolfusi Dubois 1948. Dubois (1953); Asia. Ruiz and Rangel (1954); Yamaguti (1958); Yamaguti (1971); Siam. Bhutta and Khan (1973); Huchzermeyer (2003).

Pseudoneodiplostomum siamense (Poirier 1886) Dubois 1936. Paris Museum Menagerie, Paris, France. Intestine. Poirier (1886) as *Diplostomum siamense*; Brandes (1888) as *Diplostomum siamense*; Dollfus (1935); Asia. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Asia. Hughes et al. (1942); Philippines. Cloaca and intestine. Dubois (1948); Dubois (1953); Asia. Ruiz and Rangel (1954); Asia. Intestine. Host as *Champse siamensis*. Yamaguti (1958); Asia. Intestine. Skrjabin (1964); Yamaguti (1971) as *Champse siamensis*; Asia. Host as *Champse siamensis*. Bhutta and Khan (1975); Huchzermeyer (2003).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Sebekia jubini (Vany and Sambon, 1910) Sambon 1922 *species inquirenda*. Siam, Cambodia and Java. Nasal Cavity. Vany and Sambon (1910) as *Porocephalus joubini*; Siam, Cambodia and Java. Nasal Cavity. Sambon (1922); Nasal cavity. Heymons (1935); Paris Museum. Specimens came from southeast Asia. Nasal cavity. Heymons and Vitzthum (1936); Elkan (1977); Nasal cavity. Riley et al. (1990); Southeast Asia. Junker (2002); Southeast Asia. Junker and Boomker (2006).

Mecistops cataphractus* Gray 1844*Slender-snouted Crocodile**

Synonymy: *Champse cataphractus* Cuvier 1825, *Crocodylus cataphractus* Cuvier 1825

SARCOMASTIGOPHORA**ZOOMASTIGOPHORA****TRYPANOSOMATIDA**

TRYPANOSOMATIDAE

Trypanosoma sp. Gruby 1843. Republic of the Congo. Host as *Crocodylus cataphractus*. Blood. Thiroux (1910); Host as *Crocodylus cataphractus*. Blood smear. Dutton et al. (1907); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

APICOMPLEXA**COCCIDIASINA****EUCOCCIDIORIDA**

HAEMOGREGARINIDAE

Haemogregarina sp. Danilewsky 1885. Dutton et al. (1907); Liberia and Republic of the Congo. Host as *Crocodylus cataphractus*. Blood. Theiler (1930); Host as *Crocodylus cataphractus*. Huchzermeyer (2003) as *Hepatozoon* sp.

PIROPLASMIA**PIROPLASMIDA**

THELERIDAE

Theileria sp. Bettencourt, Franca and Borges 1907. Democratic Republic of the Congo and Nigeria. Wenyon (1926).

PLATYHELMINTHES

DIGENEA

STRIGEIDIDA

CYATHOCOTYLIDAE

Cyathocotyle sp. Mühling 1896. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Baylis (1940).

Cyathocotyle fraterna Odhner 1902. Republic of the Congo. Host as *Crocodylus cataphractus*. Baylis (1940); Dubois (1953); Host as *Crocodylus cataphractus*. Yamaguti (1971).

LILOPIDAE

Dracovermis brayi Brooks and Overstreet 1978. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Baylis (1940) as *Harmotrema* sp.; Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Brooks and Overstreet (1978).

PROTERODIPILOSTOMIDAE

Neodiplostomum sp. Railliet 1919 *species generis incertae*. Gabon. Intestine and stomach. Host as *Champse cataphracta*. Yamaguti (1958).

Pseudoneodiplostomum thomasi gabonicum Dubois 1948. Gabon. Host as *Crocodylus cataphractus*. Small intestine and stomach. Dollfus (1935) as *Neodiplostoma* sp.; Africa. Host as *Crocodylus cataphractus*. Small intestine and stomach. Host as *Champse cataphracta*. Dubois (1938a,b) as *Neodiplostoma* sp.; Host as *Crocodylus cataphractus*. Stomach. Hughes et al. (1941b) as *Neodiplostoma* sp.; Host as *Crocodylus cataphractus*. Hughes et al. (1942) as *Neodiplostoma* sp.; Host as *Crocodylus cataphractus*. Dubois (1948); Host as *Crocodylus cataphractus*. Dubois (1953); Gabon. Host as *Crocodylus cataphractus*. Ruiz and Rangel (1954); Africa. Host as *Crocodylus cataphractus*. Small intestine and stomach. Skrjabin (1964); Host as *Crocodylus cataphractus*. Yamaguti (1971); Gabon. Host as *Champse cataphracta*. Bhutta and Khan (1973); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

ANNELIDA

HIRUDINEA

RHYNCHOBDELLIDA

GLOSSIPHONIIDAE

Placobdelloides multistriata (Johansson 1909) Sawyer 1986. Liberia. Host as *Crocodylus cataphractus*. Dorsal side of crocodile. Moore (1938).

NEMATODA

SPIRURIA

ASCARIDIDA

ASCARIDIDAE

Brevimulticaecum vandenbrandei (Baylis 1929) Sprent 1990. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1929) as *Dujardinia vandenbrandei*; Republic of the Congo. Host as *Crocodylus cataphractus*. Stomach. Travassos (1933a) as *Dujardinia vandenbrandei*; Host as *Crocodylus cataphractus*. Baylis (1947) as *Dujardinascaris vandenbrandei*; Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Skryabin (1951b) as *Dujardinascaris vandenbrandei*; Angola, and Boma, Democratic Republic of the Congo, and Zambia. Host as *Crocodylus cataphractus*. Duodenum and stomach. Sprent (1978a); Central Africa. Host as *Crocodylus cataphractus*. Canaris and Gardner (2003); Republic of the Congo. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Dujardinascaris dujardini (Travassos 1920) Baylis 1947. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1929) as *Dujardinia helicina*; Republic of the Congo. Host as *Crocodylus cataphractus*. Stomach. Baylis (1940) as *Dujardinia helicina*; Africa. Host as *Crocodylus cataphractus*. Baylis (1947); Lake Tanganyika, Democratic Republic of the Congo, and Rhodesia. Host as *Crocodylus cataphractus*. Intestine and stomach. Skryabin (1951b).

Dujardinascaris madagascariensis Chabaud and Caballero 1966. Angola and Zaire. Host as *Crocodylus cataphractus*. Stomach. Sprent (1977); Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Hartwichia rousseloti Chabaud and Bain 1966. Republic of the Congo. Host as *Crocodylus cataphractus*. Stomach. Graber (1981); Republic of the Congo. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Mutlicaeum agile (Wedl 1861) Baylis 1923. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1929); Africa. Host as *Crocodylus cataphractus*. Intestine and stomach. Skryabin et al. (1951b); Republic of the Congo, and Zambia, and Zimbabwe. Host as *Crocodylus cataphractus*. Stomach. Sprent (1979); Republic of the Congo, and Zambia, and Zimbabwe. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Ortleppascaris nigra (Geodoelst 1916) Sprent 1978a. Irumu and Ituri, Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1940) as *Dujardinia tasmani*; Africa. Host as *Crocodylus cataphractus*. Baylis (1947) as *Dujardinascaris tasmani*; Democratic Republic of the Congo, and South Rhodesia. Host as *Crocodylus cataphractus*. Intestine and stomach. Skryabin (1951b) as *Dujardinascaris tasmani*; Democratic Republic of the Congo and Rhodesia. Host as *Crocodylus cataphractus*. Intestine and stomach. Sprent (1978a); Angola, and Democratic Republic of the Congo, and Zimbabwe. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

UNKNOWN

Unidentified species. Graber (1981) states that parasites from the order Ascaridida are found in this species of crocodile but does not specify which parasite species.

ARTHROPODA**PENTASTOMIDA****POROCEPHALIDA****SEBEKIDAE**

Agema silvaepalustris Riley, Hill and Huchzermeyer 1997. Republic of the Congo. Host as *Crocodylus cataphractus*. Lungs. Riley et al. (1997); Republic of the Congo. Host as *Crocodylus cataphractus*. Junker (2002); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Alofia parva Riley and Huchzermeyer 1995. Republic of the Congo. Host as *Crocodylus cataphractus*. Lungs. Riley et al. (1997); Republic of the Congo. Host as *Crocodylus cataphractus*. Junker (2002); Republic of the Congo. Host as *Crocodylus cataphractus*. Junker and Boomker (2006).

Leiperia cincinnalis (Vaney and Sambon 1910) Sambon 1922. Host as *Crocodylus cataphractus*. Sambon (1922); Central Africa. Host as *Crocodylus cataphractus*. Infective larva. Junker (2002); Central Africa. Host as *Crocodylus cataphractus*. Junker and Boomker (2006).

Sebekia okavangoensis Riley and Huchzermeyer 1995. Host as *Crocodylus cataphractus*. Riley et al., (1990) as *Sebekia cesarisi*; Republic of the Congo. Host as *Crocodylus cataphractus*. Junker (2002); Host as *Crocodylus cataphractus*. Huchzermeyer (2003); Republic of Congo. Host as *Crocodylus cataphractus*. Junker and Boomker (2006).

Osteolaemus tetraspis* Cope 1861*African Dwarf Crocodile**

Synonymys: *Crocodilus frontatus* Murray 1862, *Halcrosia frontata* Gray 1862, *Halcrosia afzelii* Lilljeborg 1867, *Halcrosia nigra* Gray 1867

SARCOMASTIGOPHORA**ZOOMASTIGOPHORA****TRYPANOSOMATIDA****TRYPANOSOMA**

Trypanosoma sp. Gruby 1843. Dutton et al. (1907); Viola et al. (2009).

APICOMPLEXA**COCCIDIASINA****EUCOCCIDIORIDA****HAEMOGREGARINIDAE**

Haemogregarina sp. Danilewsky 1885. Liberia. Blood. Theiler (1930); Huchzermeyer (2003) as

Hepatozoon sp.

Haemogregarina crocodilorum Borner 1901. Host as *Crocodylus frontatus*. Prowazek (1912).

PLATYHELMINTHES**CESTODA****TETRARHYNCHIDEA**

TENTACULARIIDAE

Tetrarhynchus sp. Rudolphi 1809. Larvae capsules. Hughes et al. (1941a).

UNKNOWN

Unidentified cestode. Muscle. Huchzermeyer (1997); Republic of the Congo. Muscle. Huchzermeyer (2003).

DIGenea

STRIGEIDIDA

CLINOSTOMIDAE

Tremapoleipsis gerberi Baer 1959. Epulu, Republic of the Congo. Pharynx. Baer and Gerber (1959); Democratic Republic of the Congo. Yamaguti (1971).

PROTERODIPLOSTOMIDAE

Pseudoneodiplostomum bifurcatum (Wedly 1861) Dubois 1948. Huchzermeyer (2003).

Pseudoneodiplostomum thomasi (Dollfus 1935) Dubois 1936a. Mossaka, Republic of the Congo (host died at Paris Museum, Paris, France). Small intestine. Dollfus (1935); Mossaka, and Moyen-Congo, Republic of the Congo. Small intestine. Dubois (1938a,b); Africa. Hughes et al. (1941b); Hughes et al. (1942); Moyen-Congo, Republic of the Congo. Dubois (1948); Dubois (1953); Republic of the Congo. Ruiz and Rangel (1954); Middle of the Republic of the Congo, Africa. Intestine. Yamaguti (1958); Central Republic of the Congo. Small intestine. Skrjabin (1964); Republic of the Congo. Bhutta and Khan (1975); Central Africa. Canaris and Gardner (2003); Huchzermeyer (2003).

ANNELIDA**HIRUDINEA****RHYNCHOBDELLIDA**

GLOSSIPHONIIDAE

Placobdelloides multistriata (Johansson 1909) Sawyer 1986. St. Paul's River, Liberia. Skin. Moore (1938).

NEMATODA**ENOPLEA****ENOPLIDA**

CAPILLARIIDAE

Crocodilocapillaria longiovata Moravec and Spratt 1998. Gastric glands. Huchzermeyer (2003).

SPIRURIA**ASCARIDIDA**

ASCARIDIDAE

Dujardinascaris petterae Sprent, McKeown and Cremin 1998. Ouenze and Impfondo, Republic of the Congo. Stomach. Sprent et al. (1998); Huchzermeyer (2003).

Multicaecum agile (Wedl 1861) Baylis 1923. Democratic Republic of the Congo. Stomach. Graber (1981); Republic of the Congo. Baker (1987); Huchzermeyer (2003).

Orleppascaris nigra (Geddoelst 1916) Sprent 1978a. Democratic Republic of the Congo. Stomach. Graber (1981); Republic of the Congo. Baker (1987); Huchzermeyer (2003).

Unidentified ascarids. Graber (1981).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Agema silvaepalustris Riley, Hill and Huchzermeyer 1997. Republic of the Congo. Lungs. Riley et al. (1997); Republic of the Congo. Junker (2002); Huchzermeyer (2003); Republic of the Congo. Junker and Boomker (2006).

Alofia parva Riley and Huchzermeyer 1995b. Republic of the Congo. Lungs and viscera. Riley and Huchzermeyer (1995b); Huchzermeyer (2003).

Sebekia sp. Sambon 1922. Republic of the Congo. Lungs and viscera. Riley and Huchzermeyer (1995b).

Sebekia okavangoensis Riley and Huchzermeyer 1995b. Republic of the Congo. Lungs and viscera. Riley and Huchzermeyer (1995b); Republic of the Congo. Junker (2002); Huchzermeyer (2003); Republic of the Congo. Junker and Boomker (2006).

*** It should be considered that many parasites under *Osteolaemus tetraspis* may be of *Osteolaemus tetraspis tetraspis* or *Osteolaemus tetraspis osborni*, but no specific conclusion can be made.

***Osteolaemus tetraspis osborni* (Schmidt 1919)**

Wermuth and Mertens 1961

Congo Dwarf Crocodile

Synonyms: *Osteobepharon tetraspis osbornis* Schmidt 1919, *Osteolaemus osborni* Wener 1933

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Agema sp. Riley, Hill and Huchzermeyer 1997. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000).

Agema silvaepalustris Riley, Hill and Huchzermeyer 1997. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000); Oubangui Rivers, Republic of the Congo. Stomach. Riley and Huchzermeyer (2000).

Alofia sp. Giglioli 1922. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000).

Alofia ginae Giglioli 1922 in Sambon 1922. Oubangui Rivers, Republic of the Congo. Stomach. Riley and Huchzermeyer (2000).

Alofia parva Riley and Huchzermeyer 1995a. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000); Republic of the Congo. Junker (2002); Republic of the Congo. Junker and Boomker (2006).

Sebekia okavangoensis Riley and Huchzermeyer 1995a. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (1995a); Oubangui Rivers, Congo Republic. Stomach. Riley and Huchzermeyer (2000).

***Osteolaemus tetraspis tetraspis* (Schmidt 1919)**

Wermuth and Mertens 1961

Congo Dwarf Crocodile

UNKNOWN

Unidentified. Stomach. Gabon. Pauwels et al., (2007).

*** It should be considered that many parasites under *Osteolaemus tetraspis* may be of this sub-species, but no specific conclusion can be made.

Tomistoma schlegelii* (Muller 1838) King and Burke 1989*False Gharial**Synomy: *Crocodylus (Gavialis)schlegelii**Gavialis schlegelii* Muller 1838, *Rhynchosaurus schlegelii* Muller 1838, *Mecistops journeyi* Gray 1844(partim)□, ?*Streptospondylus journeyi* Gray 1844**ANNELIDA****HIRUDINEA****RHYNCHOBDELLIDA****GLOSSIPHONIIDAE**

Placobdelloides stellapapillosa Govedich, Bain, and Davies, 2002. Singapore Zoological Gardens, Singapore, Singapore. Ear flips, eyelids, mouth, skin folds, throat, and underbelly. Govedich et al. (2002); Huchzermeyer (2003).

FAMILY: Gavialidae

***Gavialis gangeticus* (Gmelin 1789) King and Burke 1989**

Indian Gharial

Synonymy: *Lacerta gangetica* Gmelin 1789

APICOMPLEXA

COCCIDIASINA

EUCOCCIDIORIDA

EIMERIIDAE

Eimeria kermoganti (Simond 1901b) Braun 1908. Simond (1901b) as *Coccidium kermoganti*; Wenyon (1926); Spleen. Pellerdy (1974); Huchzermeyer (2003); Spleen. Gairhe (2007).

HAEMOGREGARINIDAE

Haemogregarina hankini Simond 1901a. Indo-China. Blood. Simond (1901a); Prowazek (1912); India. Wenyon (1926); Huchzermeyer (2003) as *Hepatozoon hankini*.

UNKNOWN

Unidentified coccidian species. National Zoologic Park, Washington D.C., USA. Jacobson (1984); Chitwan National Park, Nepal. Intestinal and fecal contents. Gairhe (2007); San Diego Zoo, San Diego, California, USA. Capillaries, heart, kidneys, liver, lungs, and spleen. NPC (2010).

Unidentified protozoan. Griner (1983); Huchzermeyer (2003).

PLATYHELMINTHES**DIGenea****ECHINOSTOMIDA**

ECHINOSTOMATIDAE

Stephanoprora minutus Bhutta and Khan 1975. River Satlej, India. Intestine. Bhutta and Khan (1975); Pakistan. NHM (2010).

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Proctocaecum sp. Baugh 1957. Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Proctocaecum gairhei Junker, Brooks and Boomker 2008. Chitwan, Nepal. Small intestine. Junker et al. (2008).

EXOTIDENDRIIDAE

Exotidendrium gharialii Mehra 1935. Allahabad, India. Rectum near cloaca. Mehra (1935); India. Hughes et al. (1941b); Hughes et al. (1942); India. Rectum near cloaca. Yamaguti (1958); Gairhe (2007); Huchzermeyer (2003).

“Surahi fluke.” Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

STRIGEIDIDA

LIOLOPIDAE

Dracovermis microorchis (Bhutta and Khan 1975) Brooks and Overstreet 1978. River Satlej, India. Intestine. Bhutta and Khan (1975); Pakistan. NHM (2010).

Dracovermis nicollii (Mehra 1931) Brooks and Overstreet. Allahabad, India. Small intestine. Mehra (1931) as *Harmotrema nicollii*; India. Hughes et al. (1941b) as *Harmotrema nicollii*; Hughes et al. (1942) as *Harmotrema nicollii*; India. Yamaguti (1958) as *Harmotrema nicollii*; Allahabad, India. Small intestine. Brooks and Overstreet (1978); Huchzermeyer (2003).

PROTERODIPILOSTOMIDAE

Pseudocrocodylicola bychowskyi Srivastava and Chauhan 1969. Elkan (1977).

Pseudoneodiplostomum sp. Dubois 1936. Brooks et al. (1992) as *Neelydiplostomum*; Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Pseudoneodiplostomum gavialis (Narain 1930) Sudarikov 1960. Allahabad, India. Duodenum and small intestine. Narain (1930) as *Neodiplostomum gavialis*; India. Vidyarthi (1937) as *Crocodylicola gavialis*; Dubois (1938a,b) as *Crocodylicola gavialis*; India. Hughes et al. (1941b) as *Neodiplostomum gavialis*; Hughes et al. (1942) as *Crocodylicola gavialis*; Dubois (1953) as *Crocodylicola gavialis species inquirenda*; India. Intestine. Gupta (1958) as *Neelydiplostomum gavialis*; Allahabad, India. Intestine. Yamaguti (1958) as *Neodiplostomum gavialis*; India. Duodenum and small intestine. Skrjabin (1964) as *Proterodiplostomum gavialis*; India. Intestine. Yamaguti (1971) as

Neolydiplostomum gavalis; India. Bhutta and Khan (1975) as *Crocodilicola gavalis*; Huchzermeyer (2003) as *Crocodilicola gavalis* and *Neodiplostomum gavalis*; Gairhe (2007) as *Neodiplostomum gavalis*; Pakistan. NHM (2010).

UNKNOWN

Paramphistomum-like sp. Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Unidentified trematode ova. C hitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Unidentified trematodes. Ova found in lungs. Griner (1983); Granuloma in lungs. Huchzermeyer (2003); Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

NEMATODA

SPIRURIA

ASCARIDIDA

ANISAKIDAE

Goezia gavalidis Maplestone 1930. Stomach. Maplestone (1930); Zoological Gardens, Calcutta, India. Stomach. Skryabin et al. (1969b); Zoological Gardens, Calcutta, India. Stomach. Zoological Gardens, Calcutta-India. Sood (1999); Sprent (1978b); Ganges River, India. Baker (1987); Huchzermeyer (2003); Zoological Gardens, Calcutta, India. NHM (2010).

ASCARIDIDAE

Dujardinascaris woodlandi (Baylis 1923) Baylis 1947. India. Stomach. Baylis (1923) as *Dujardinia woodlandi*; York and Maplestone (1926); India. Stomach. Travassos (1933b) as *Dujardinia woodlandi*; India. Stomach. Baylis (1947); USSR. Intestine. Skryabin et al. (1969b); Ganges River, India. Stomach. Sprent (1977); Ganges River, India. Baker (1987); Sood (1999); Huchzermeyer (2003); NHM (2010).

Multicaecum sp. Baylis 1923. Stomach. Maplestone (1930); Sood (1999).

Multicaecum agile (Wedl 1861) Baylis 1923. Intestine. Maplestone (1930) as *Polycaecum gangeticum*; Beas River, Punjab, India. Host as *Crocodylia gavals*. Northcott (1933); India. Intestine. Travassos (1933a) as *Multicaecum gangeticum*; Africa and Calcutta, India. Intestine and stomach. Host as *Crocodylus gavialis*. Skryabin et al. (1969b) as *M. agile* and *Polycaecum gangeticum*; Punjab, India. Stomach. Sprent (1979a); India. Baker (1987) as *M. agile* and *Polycaecum gangeticum*; Huchzermeyer (2003); Zoological Gardens, Calcutta, India. NHM (2010).

Typhlophorus lammellaris Linstow 1906. Zoological Gardens, Calcutta, India. Stomach. Linstow (1906); Maplestone (1930); Zoological Gardens, Calcutta, India. Intestine. Skryabin et al. (1969b); Zoological Gardens, Calcutta, India. Stomach. Sprent (1983); Baker (1987); Zoological Gardens, Calcutta, India. Sood (1999); Zoological Gardens, Calcutta, India. Stomach. Sprent (1999); Huchzermeyer (2003); Gairhe (2007); Collection of the Zoological Survey of India. (2010); Zoological Gardens, Calcutta, India. NHM (2010).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura vivipara Linstow 1906. Zoological Gardens, Calcutta, India. Mesentery. Linstow (1906); Indian Museum. Liver. Baylis and Daubney (1921); Maplestone (1930); Zoological Gardens, Calcutta, India. Body cavity and serous membranes. Skryabin et al. (1969b); Calcutta, India. Baker (1987); Zoological Gardens, Calcutta, India. Body cavity. Sood (1999); Zoological Gardens, Calcutta, India. NHM (2010).

Unidentified micropleurid. Chitwan National Park, Nepal. Abdominal Cavity. Gairhe (2007).

ARTHROPODA

PENTASTOMIDA

POROCEPHALIDA

SEBEKIDAE

Alofia indica (Linstow 1906) Hett 1924 *species inquirenda*. Zoological Gardens, Calcutta, India. Trachea and lungs. Linstow (1906) as *Porocephalus indicus*; Zoological Gardens, Calcutta. Lungs and Trachea. Shipley (1910) as *Porocephalus indicus*; Sambon (1922) as *Sebekia indicus*; Lungs, trachea. Hett (1924); Lungs and trachea. Heymons and Vitzhum (1934) as *Sebekia indicus*; Lungs and trachea. Heymons (1935); Lungs. Heymons (1941); Elkan (1977); India. Junker (2002); Huchzermeyer (2003); India. Junker and Boomker (2006).

SUBRTRIQUETRIDAE

Subtriquetra megacephala (Baird 1853) Sambon 1922. Sambon (1922); Junker (2002); Bengal, India. Junker and Boomker (2006).

Subtriquetra shipleyi Hett 1924. Indian Museum Collection, Calcutta, India. Pharynx. Shipley (1910) as *Linguatula subtriquetra*; Indian Museum, Collection, Calcutta, India. Hett (1924); Junker (2002); India. Junker and Boomker (2006).

Unknown Crocodylian Species

SARCOMASTIGOPHORA

LOBOSEA

AMOEBIDA

ENTAMOEBIDAE

Entamoeba sp. Casagrandi and Barbagallo 1895. Host as *Crocodylus*. Cooper and Jackson (1981); Intestines. Debyser and Zwart (1991).

PARABASALIA

TRICHOMONADIDA

TRICHOMONADIDAE

Trichomonas sp. Dunne 1836. Host as *Crocodylus*. Cooper and Jackson (1981); Intestines. Debyser and Zwart (1991).

ZOOMASTIGOPHORA

TRYPANOSOMATIDA

TRYPANOSOMATIDAE

Trypanosoma sp. Gruby 1843. Africa. Host as crocodile. Koch (1906); Blood. Minchin et al. (1906); Minchin (1907); Africa. Blood. Bruce (1911); Hosts as *Crocodylus* and *Caiman*. Cooper and Jackson (1981); Blood. Debyser and Zwart (1991).

Trypanosoma grayi Hoare 1929. Africa. Host as crocodile. Kleine and Taut (1911).

APICOMPLEXA**COCCIDIASINA****EUCOCCIDIORIDA****EIMERIIDAE**

Eimeria sp. Schneider 1875. Host as *Crocodylus* sp.; Wenyon (1926); Host as alligators, crocodiles, and caimans. Jacobson (1984); Intestine. Debyser and Zwart (1991); Huchzermeyer (1997).

Eimeria pinto Carini 1933. Brazil. Intestine. Carini (1933); Sao Paulo, Brazil. Intestine. Host as *Caiman* sp. Pellerdy (1974); Host as *Caiman* sp. Gairhe (2007).

Isospora sp. Schneider 1881. Intestine. Debyser and Zwart (1991).

HEPATOZOIDAE

Hepatozoon sp. Miller 1908. Uganda. Liver. Host as crocodile. Minchin (1910) as *Haemogregarina* sp.; Host as *Crocodylus* and *Caiman*. Cooper and Jackson (1981); Parenchyma. Debyser and Zwart (1991).

Hepatozoon pettiti (Wenyon 1909) Siddall 1995. Liver. Host as unknown crocodile. Wenyon (1909) as *Haemogregarina pettiti*.

UNKNOWN

Unidentified blood parasites. River Sobat, South Sudan. Host as crocodile. Wenyon (1909); Host as crocodile. Kleine and Taute (1911).

MYXOZOA**MYXOSPOREA****BIVALVULIDA****MYXOBOLIDAE**

Myxobolus sp. Bütschli, 1882. Huchzermeyer (2003).

PLATYHELMINTHES**CESTODA****CYCLOPHYLLIDEA****TETRATHRIDIDIUM**

Cysticercus lucius Crisp 1854. London Zoological Gardens, London, United Kingdom. Hughes et al. (1941a).

UNKNOWN

Unidentified cestode. Papua New Guinea. Gastric mucosa. Host as Indo-Pacific crocodile. Ladds and Sims (1990).

DIGENEA**PLAGIORCHIOIDEA**

Deurithitrema sp. Blair (1985) *genera incertae sedis*. Ladds (2003).

ECHINOSTOMIDA**ECHINOSTOMATIDAE**

Stephanoprora ornata Odhner 1902. Nile. Host as crocodile. Yamaguti (1958).

PLAGIORCHIIDA

CRYPTOGONIMIDAE

Acanthostomum sp. Looss 1899. Rio de Janeiro, Brazil. Host as *Caiman* sp. Noronha (2009).

Atrophocaecum indicum (Sinha 1942) Brooks 1980. India. Sinha (1942); India. Yamaguti (1958) as *Acanthostomum indicum*; India. Issa (1962) as *Acanthostomum indicum*; Host as crocodile. Yamaguti (1971) as *Acanthostomum indicum*; Democratic Republic of the Congo, and Egypt, and Northern Ghana, and Sudan. Intestine. Host as crocodiles. Nasir (1974) as *Acanthostomum imbutiforme*; Host as Crocodile sp. Elkan (1977); India. Brooks (1980); India. NHS (2009) as *Acanthostomum indicum*.

Timoniella scyphocephalum (Braun 1899) Brooks 1980. Host as *Caiman* sp. Noronha (2009).

PLAGIORCHIIDAE

Oistosomum caduceus Odhner 1902. Host as crocodile. Hughes et al. (1941b); Sudan. Hughes et al. (1942); Host of *Crocodylus*. Huchzermeyer (2003).

STRIGEIDIDA

CLINOSTOMIDAE

Nephrocephalus sessilis Odhner 1902. Nile. Host as crocodiles. Yamaguti (1958).

Odhneriotrema incommodum (Leidy 1856) McIntosh 1935. Host as crocodile sp. Elkan (1977).

Odhneriotrema microcephala (Travassos 1922) Travassos 1929. Host as crocodile sp. Elkan (1977).

CYATHOCOYLIDAE

Cyathocotyle crocodili Yamaguti 1954. Ladds (2003).

PROTERODIPILOSTOMIDAE

Crocodylicola pseudostoma (Willemoes-Suhm 1870) Byrd and Reiber 1942. Museum specimen from menagerie of the Paris Museum. Intestine. Host as crocodile species. Poirier (1886) as *Diplostomum pseudostomum*; Brazil. Host as *Crocodylus* sp. Viana (1924) as *Diplostomum pseudostomum*; Charleston, South Carolina, USA. Intestine. Host as *Crocodylus* sp. Dubois (1938a,b); Hughes et al. (1941b); South America. Host as *Crocodylus* sp. Hughes et al. (1942); Host as *Crocodylus* sp. Dubois (1953); Brazil. Small intestine. Host as *Crocodylus* sp. Skrjabin (1964); Intestine. Host as *Caiman* sp. Dubois (1969); Brazil. Host as *Caiman* sp. Thatcher (1993); Host of *Crocodylus*. Huchzermeyer (2003); San Diego Zoo, San Diego, California, USA. Intestine. Host as *Crocodylus*. NPC (2010).

Cystodiplostomum sp. Dubois 1936a. Host of *Caiman* sp. Brooks et al. (1992).

Herpetodiplostomum sp. Dubois 1936a. Host of *Caiman* sp. Brooks et al. (1992).

Mesodiplostomum gladiolum Dubois 1936a. Brazil. Intestine. Host as *Caiman* sp. Dubois (1938a,b); Brazil. Host as Alligatorides, which would be caimans. Dubois (1944b); Host as *Caiman* sp. Dubois (1953); Intestine. Host as *Caiman* sp. Dubois (1969); Brazil. Thatcher (1993).

Paradiplostomum sp. La Rue 1926. Host of *Caiman* sp. Brooks et al. (1992).

Paradiplostomum abbreviatum (Brandes 1888) La Rue 1926. Brazil. Host as Brazilian crocodilian. Brandes (1888) as *Diplostomum abbreviatum*; Brazil. Host as *Crocodylus* sp. Viana (1924) as *Diplostomum abbreviatum*; Host as *Crocodylus* sp. Dubois (1938a,b); Host as *Crocodylus* sp. Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Host as Alligatorides, which would be caimans. Dubois (1944b); Host as *Crocodylus* sp. Dubois (1953); Brazil. Intestine. Skrjabin (1964); Host of *Crocodylus*. Huchzermeyer (2003).

Prolecithodiplostomum sp. Dubois 1936a. Host of *Caiman* sp. Brooks et al. (1992).

Prolecithodiplostomum cavum 1936a. Brazil. Host as Alligatorides, which would be caimans. Dubois (1944b).

Prolecithodiplostomum constrictum Dubois 1936a. Brazil. Host as Alligatorides, which would be caimans. Dubois (1944b); Small intestine. Ruiz and Rangel (1954); Brazil and Panama. Intestine. Skrjabin (1964); Intestine. Dubois (1969).

Proterodiplostomum sp. Dubois 1936a. Host of *Caiman* and *Paleosuchus*. Brooks et al. (1992).

Proterodiplostomum brasiliensis (Ruiz and Rangel 1954) Sudarikov 1960. Brazil. Small intestine. Ruiz and Rangel (1954) as *Pseudoneodiplostomum brasiliensis*; Brazil. Yamaguti (1958) as *Pseudoneodiplostomum brasiliensis*; Brazil. Small intestine. *Caiman* sp. Skrjabin (1964); Intestine. Host as *Caiman* sp. Dubois (1969); Brazil. *Caiman* sp. Yamaguti (1971).

Proterodiplostomum longum (Brandes 1888) Dubois 1936a. Host as American crocodilian. Brandes (1888) as *Diplostomum longum*; Brazil. Host as *Crocodilus* sp. Viana (1924) as *Diplostomum longum*; Brazil. Intestine. Host as *Crocodilus* sp. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Host as *Crocodilus* sp. Hughes et al. (1942); Host as *Crocodilus* sp. Dubois (1953); Brazil. Intestine. Host as *Crocodilus* sp. Skrjabin (1964); Hosts as *Paleosuchus* sp. and *Caiman* sp. Dubois (1969); Brazil. Host as *Caiman* sp. Thatcher (1993); Huchzermyer (2003); Brazil. Host as *Paleosuchus* sp. NHM (2010).

Pseudoneodiplostomum sp. Dubois 1936a. Host of *Crocodylus* and *Osteolaemus* spp. Brooks et al. (1992).

Pseudoneodiplostomum thomasi Dubois 1948. Nungua, Ghana, Africa. Intestine. Host as *Osteolaemus*. NPC (2010). (Note: Although the host is most likely *Osteolaemus tetraspis*, due to the subdivision of sub-species of this genus I do not want to speculate.)

UNKNOWN

Unidentified blood flukes. Papua New Guinea. Blood vessels. Ladds and Sims (1990).

ANNELIDA

HIRUDINEA

ARHYNCHOBDELLIDA

HIRUNDINIDAE

Hirudinaria manillensis Lesson 1842. Host of Indo-pacific crocodilian. Huchzermeyer (2003).

RHYNCHOBDELLIDA

GLOSSIPHONIIDAE

Placobdella multilineata Moore 1953. Oral cavity and skin. Debyser and Zwart (1991); Indo-Pacific crocodilian. Huchzermeyer (2003).

NEMATODA

ENOPLEA

ENOPLIDA

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978. Intestines and skin. Debyser and Zwart (1991); National Park Zoo, Washington, D.C., USA. Liver. NPC (2010) as *Capillaria* sp.

Paratrichosoma crocodylus Ashford and Muller 1978. Intestines. Debyser and Zwart (1991).

SPIRURIA

ASCARIDIDA

ANISAKIDAE

Contracaecum sp. Railliet and Henry 1912. Larvae. EFSA (2007).

Terranova sp. Leiper and Atkinson 1909. Host as crocodile sp. Elkan (1977) as *Terranova* sp. and *Metangusticaecum braziliense*; Host as *Crocodylia*. Cooper and Jackson (1981).

Terranova crocodili (Taylor 1924) Mozgovoy 1951. Gold Coast, Africa. Stomach. Taylor (1924) as *Porrocaecum crocodili*; Skryabin et al. (1969c).

ASCARIDIDAE

Brevimulticaecum australiensis (Baylis 1931) Sprent 1990. Queensland, Australia, and Philippines. Host as *Crocodylus*. NHM (2010).

Brevimulticaecum tenuicolle (Rudolphi 1819) Sprent 1979a. Intestines. Debyser and Zwart (1991) as *Multicaecum tenuicollis*.

Brevimulticaecum vandenbrandeni (Baylis 1929) Sprent 1979a. Host as *Crocodylus*. NHM (2010).

Dujardinascaris sp. Baylis 1947. Host as *Crocodylia*. Cooper and Jackson (1981); Africa. Canaris and Gardner (2003); Panama, and San Diego Zoo, San Diego, California, USA. Stomach. Host as *Crocodylus* and *Caiman*. NPC (2010) as *Dujardinia* spp.

Dujardinascaris assymetrica (Ortlepp 1932) Sprent 1983. Central Africa. Stomach. Ortlepp (1932) as *Porrocaecum assymmetricum*.

Dujardinascaris dujardini (Travassos 1920) Baylis 1947. Democratic Republic of the Congo. Stomach. Host as *Crocodylus* sp. Travassos (1933b).

Dujardinascaris helicina (Molin 1860) Baylis 1947. Intestine. Host as *Crocodylus* sp. Skryabin

(1914) as *Trispiculascaris helicina*; Intestine and stomach. Host as crocodile. Skryabin et al. (1969b); Host as crocodile sp. Elkan (1977).

Dujardinascaris longispicula (Travassos 1933b) Baylis 1947. Host as crocodile sp. Elkan (1977).

Dujardinascaris mawsonae Sprent 1977. Papua New Guinea. Stomach and pyloric wall. Ladds and Sims (1990) as *Gedoelstascaris mawsonae*.

Dujardinascaris waltoni Sprent 1977. Stomach. Debyser and Zwart (1991).

Gedoelstascaris sp. Sprent 1978. Ladds (2003).

Hartwichia sp. Chabaud and Bain 1966. Host as *Crocodylia*. Cooper and Jackson (1981).

Multicaecum sp. Baylis 1923. Host as crocodile sp. Elkan (1977); Host as *Crocodylia*. Cooper and Jackson (1981).

Multicaecum agile (Wedl 1861) Baylis 1923. Host as crocodile sp. Elkan (1977) as *Polycaecum gangeticum*.

Ortleppascaris alata (Baylis 1947) Sprent 1978a. Eastern India. Stomach. Host as *Caiman* sp. Skryabin (1951) as *Dujardinascaris alata*; Host as *Caiman* sp. Skryabin et al. (1969b) as

Dujardinascaris alata; National Zoological Park, Washington, D.C., USA. Host as *Caiman*. NPC (2010).

Ortleppascaris antipini (Mozgovoy 1950) Sprent 1978a. USSR. Digestive tract. Host as *Crocodilus* sp. Skryabin et al. (1969b) as *Dujardinascaris antipini*; Zoological Garden, Yaroslavl, USSR. Intestine. Host as *Crocodilus* sp. Sprent (1978a).

Ortleppascaris nigra (Gedoelst 1916) Sprent 1978a. Kutama, South Rhodesia. Stomach. Ortlepp (1932) as *Dujardinia tasmani*; Democratic Republic of the Congo and South Rhodesia. Stomach. Host as *Crocodilus* sp. Travassos (1933b) as *Dujardinascaris tasmani* and *O. nigra*; Baylis (1947) as *Dujardinascaris tasmani*; Democratic Republic of the Congo and South Rhodesia. Intestine and stomach. Host as *Crocodilus* sp. Skryabin et al. (1969b) as *Dujardinascaris nigra* and *D. tasmani*.

Trispiculascaris assymetrica (Ortlepp 1932) Sprent 1983. Central Africa. Host as crocodile species. Canaris and Gardner (2003) as *Porrocaecum assymmetricum*.

Trispiculascaris trispiculascaris Travassos 1920. Travassos (1920); East Africa. Digestive tract. Host as crocodile. Mozgovoy (1953); Host as crocodiles. Elkan (1977); Africa. Canaris and Gardner (2003).

Typhlophorus sp. Linstow 1906. Host as *Crocodilia*. Cooper and Jackson (1981).

CAMALLINDA

MICROPLEUDIDDAE

Micropleura sp. Linstow 1906. Ladds (2003).

Micropleura vivipara Linstow 1906. Calcutta Zoo, India. Body cavity and serous membranes.

Skryabin et al. (1969c); National Zoological Park, Washington, D.C., USA. Body cavity. NPC (2010).

UNKNOWN

Unidentified ascarid. Lourenco Marques, Mozambique. Stomach. Host as *Crocodylus*. NPC (2010).

UNKNOWN

Unidentified nematode. National Park Zoo, Washington, D.C., and San Diego Zoo, San Diego, California, USA, and South America. Body cavity, intestine and stomach. Host as *Caiman sclerops* or unknown crocodylian. NPC (2010).

ARTHROPODA

ACARI

IXODIDA

IXODIDAE

Amblyomma exornatum Koch 1844. Democratic Republic of Congo. Huchzermeyer (2003) as

Aponomma exornatum.

NEOPTERADIPTERA

SARCOPHAGIDAE

Sarcophaginae Roback 1954. Skin. Debyser and Zwart (1991).

TABANIDAE

Catachlorops testaceus Macquart 1846. Colombia. Host as *Caiman*. Medem (1981).

Diachlorus curvipes Fabricius 1805. Colombia. Host as *Caiman*. Medem (1981).

Tabanus dorsiger modestus Wiedmann 1828. Medem (1981).

PENTASTOMIDAPOROCEPHALIDA

SEBEKIDAE

Alofia adriatica (Hirst 1922) Giglioli 1922 in Sambon 1922 *species inquirenda*. Adriatic. Junker (2002).

Alofia ginae Giglioli 1922 in Sambon 1922. Samoa. Junker (2002); Samoa. Junker and Boomker (2006).

Alofia merki Heymons 1941. Samoa. Junker (2002).

Alofia platycephala (Lohrmann 1889) Giglioli 1922 in Sambon 1922. Lohrmann (1889); Host as South-american crocodile sp. Elkan (1977); South America. Riley (1994); South America. Junker (2002); South America. Junker and Boomker (2006).

Alofia simpsoni Riley 1994. Ghana. Riley (1994); Ghana. Huchzermeyer (2003); Ghana. Junker and Boomker (2006).

Elenia travassosi (Heymons 1932) Heymons 1941. Samar, Philippines. Inferred that it may have been *C. porosus* but unknown. Heymons and Vitzthum (1936).

Leiperia gracilis (Diesing 1835) Sambon 1922 *species inquirenda*. Republic of the Congo. Aorta. Rodhain and Vuylsteke (1932); Host as South-american crocodile. Elkan (1977).

Sebekia sp. Sambon 1922. Ladds (2003).

Sebekia acuminata Travassos 1923 *species inquirenda*. Mato Grosso, Brazil. Lung. Host as American crocodiles. Travassos (1923); Mato Grosso, Brazil. Host as crocodile. Heymons and Vitzthum (1936); Host as Brazilian crocodile sp. Elkan (1977); Brazil. Junker (2002); Brazil. Huchzermeyer (2003); Brazil. Junker and Boomker (2006).

Sebekia cesarisi Giglioli 1922 in Sambon 1922. Africa. Lungs. Host as *Crocodylus* sp. Sambon (1922); Africa. Lungs. Host as African crocodile. Heymons and Vitzthum (1936); Host as African

crocodile. Elkan (1977); Ghana, and Uganda. Riley et al. (1990); Africa. Junker (2002); Africa. Junker and Boomker (2006).

Sebekia divestei Giglioli 1922. Host as American crocodile sp. Elkan (1977).

Sebekia oxycephala (Diesing 1835) Sambon 1922. Mato Grosso, Brazil. South American crocodilian. Travassos (1923); Host as crocodile. Elkan (1977).

Sebekia samboni Travassos 1923. Mato Grosso, Brazil. Lung. Host as American crocodile. Travassos (1923); Mato Grosso, Brazil. Host as crocodile. Heymons and Vitzthum (1936); Host as Brazilian crocodile. Elkan (1977); Brazil. Junker (2002); Brazil. Huchzermeyer (2003); Brazil. Junker and Boomker (2006).

Sebekia wedli Giglioli 1922. Host as crocodile. Elkan (1977).

SUBRTRIQUETRIDAE

Subtriquetra megacephala (Baird 1853) Sambon 1922. Bengal, India. Host either *Crocodylus palustris* or *Gavialis gangeticus*. Junker (2002); Bengal, India. Host either *Crocodylus palustris*, *C. porosus*, or *Gavialis gangeticus*. Junker and Boomker (2005).

Subtriquetra shipleyi Hett 1924. Indian Museum, Calcutta, India. Pharynx. Host as crocodile. Hett (1924); Host as crocodile sp. Elkan (1977); India. Host either *Crocodylus palustris* or *Gavialis*

gangeticus. Junker (2002); Host as Indian crocodile. Huchzermeyer (2003); India. Host either *Crocodylus palustris*, *C. porosus*, or *Gavialis gangeticus*. Junker and Boomker (2005).

Subtriquetra subtriquetra (Diesing 1835) Sambon 1922. Host as South American crocodile. Elkan (1977).

UNKNOWN

Unidentified pentastomids. Respiratory system. Debyser and Zwart (1991); EFSA (2007).

PARASITE-CROCODILIAN DATABASE

PROTEOBACTERIA***

GAMMAPROTEOBACTERIA

ENTEROBACTERIALIES

ENTEROBACTERIACEAE

Escherichia coli (Migula 1895) Castellani and Chalmers 1919.

1) *Alligator mississippiensis*. Heart blood, intestines, liver and lungs. Russel and Herman (1970);

Huchzermeyer (2003) as *Trichomonas* sp.

*** This bacteria phylum was included as Huchzermeyer (2003) originally documented it as a parasite, not a bacterium.

SARCOMASTIGOPHORA

LOBOSEA

AMOEBIDA

ENTAMOEBIDAE

Entamoeba sp. Casagrandi and Barbagallo 1895.

- 1) Unknown crocodylian. Host as *Crocodylus*. Cooper and Jackson (1981); Intestines. Debyser and Zwart (1991).

DIPLOZOA

DIPLOMONADIDA

HEXAMITIDAE

Giardia sp.

- 1) *Crocodylus niloticus*. Künstler 1882. South Africa. Intestinal epithelium. Huchzermeyer (2003).

PARABASALIA

TRICHOMONADIDA

TRICHOMONADIDAE

Trichomonas sp. Dunne 1836.

- 1) *Caiman crocodilus crocodilus*. Avendano et al. (1992); Huchzermeyer (2003).
- 2) Unknown crocodylian. Host as *Crocodylus*. Cooper and Jackson (1981); Intestines. Debyser and Zwart (1991).

Trichomonas prowazekii Alexeioff 1909.

- 1) *Crocodylus palustris*. Huchzermeyer (2003).

ZOOMASTIGOPHORA

TRYPANOSOMATIDA

TRYPANOSOMATIDAE

Leishmania sp. Ross 1903.

- 1) *Crocodylus porosus*. Australia and Papua New Guinea. Upper Intestine. Huchzermeyer (2003).

Trypanosoma sp. Gruby 1843.

- 1) *Caiman yacare*. Patanal, Brazil. Blood smear. Nunes and Oshiro (1990); Blood. Catto (2000); Pantanal, Brazil. Blood smear. Viana and Marques (2005); Patanal, Brazil. Blood smear. de Almeida et al. (2006); Matto Grosso, Brazil. Blood from heart or tail. Viola et al. (2009); Patanal, Brazil. Blood smear. Viola et al. (2009).
- 2) *Mecistops cataphractus*. Republic of the Congo. Host as *Crocodylus cataphractus*. Blood. Thiroux (1910); Host as *Crocodylus cataphractus*. Blood smear. Dutton et al. (1907); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).
- 3) *Osteolaemus tetraspis*. Dutton et al. (1907); Viola et al. (2009).
- 4) Unknown crocodilian. Blood. Minchin et al. (1906); Minchin (1907); Africa. Blood. Bruce (1911); Hosts as *Crocodylus* and *Caiman*. Cooper and Jackson (1981); Blood. Debyser and Zwart (1991).

Trypanosoma cecili Lainson 1977.

- 1) *Caiman crocodilus crocodilus*. Barcarena, Para State, Brazil. Blood. Lainson (1977); Huchzermeyer (2003).
- 2) Unknown crocodile. Africa. Koch (1906).

Trypanosoma grayi Hoare 1929.

- 1) *Crocodylus niloticus*. Hoare (1929); Blood. Hoare (1931); Blood. Huchzermeyer (2003); Blood. Viola et al. (2009).
- 2) Unknown crocodilian. Africa Kleine and Taut (1911).

HETEROKONTOPHYTA**BLASTOCYSTAE****BLASTOCYSTIDA**

BLASTOCYSTIDAE

Blastocystis sp. (Alexieff 1911) Brumpt 1912.

- 1) *Crocodylus porosus*. Singapore Zoological Gardens, Singapore, Singapore. Fecal sample. Teow et al. (1992); Huchzermeyer (2003).

APICOMPLEXA

ACONOIDASIDA

HAEMOSPORORIDA

GARNIIDAE

Progarnia archosauriae Lainson 1995.

- 1) *Caiman crocodilus crocodilus*. Blood. Lainson (1995); Brazil. Red and white blood cells. Huchzermeyer (2003).

COCCIDIASINA

EUCOCCIDIORIDA

CRYPTOSPORIDIIDAE

Cryptosporidium sp. Tyzzer 1907.

- 1) *Crocodylus niloticus*. Huchzermeyer (2003).

EIMERIIDAE

Eimeria sp. Schneider 1875.

- 1) *Alligator mississippiensis*. Jacobson (1984).
- 2) *Crocodylus novaeguineae*. Gulf of Papua New Guinea and Sepik River, Papua New Guinea. Intestine. Ladds and Sims (1990); Huchzermeyer (2003).
- 3) *Crocodylus niloticus*. Huchzermeyer (2003).
- 4) *Crocodylus siamensis*. Schneider 1875. Thailand. Fecal Samples. Siruntawinetai et al. (2004).

- 5) Unknown crocodylian. Host as *Crocodylus* sp.; Wenyon (1926); Host as alligators, crocodiles, and caimans. Jacobson (1984); Intestine. Debyser and Zwart (1991); Huchzermeyer (1997).

Eimeria alligatori McAllister and Upton 1990.

- 1) *Alligator mississippiensis*. Cameron and Jefferson Counties, Florida, USA. Feces. McCallister and Upton (1990); Huchzermeyer (2003); Jefferson County, USA. Feces. NPC (2010).

Eimeria caimani Aquino-Shuster and Duszynski 1989.

- 1) *Caiman yacare*. Paraguay. Feces. Aquino-Shuster and Duszynski (1989); Huchzermeyer (2003); Pantanal, Brazil. Viana and Marques (2005); Paraguay. Host as *Caiman crocodylus yacare*. NPC (2010).

Eimeria crocodyii Lainson 1968.

- 1) *Crocodylus acutus*. Roaring Creek, Belize. Feces. Lainson (1968); Belize. Feces. Pellerdy (1974); Huchzermeyer (2003); Gairhe (2007).

Eimeria hatcheri McAllister and Upton 1990.

- 1) *Alligator mississippiensis*. Cameron and Jefferson Counties, Florida, USA. Feces. McCallister and Upton (1990); Huchzermeyer (2003); Jefferson County, USA. Feces. NPC (2010).

Eimeria kermoganti (Simond 1901b) Braun 1908.

- 1) *Gavialis gangeticus*. Simond (1901b) as *Coccidium kermoganti*; Wenyon (1926); Spleen. Pellerdy (1974); Huchzermeyer (2003); Spleen. Gairhe (2007).

Eimeria paraguayensis Aquino-Shuster and Duszynski 1989.

- 1) *Caiman yacare*. Paraguay. Feces. Aquino-Shuster and Duszynski (1989); Huchzermeyer (2003); Pantanal, Brazil. Viana and Marques (2005); Paraguay. Host as *Caiman crocodilus yacare*. NPC (2010).

Eimeria pintoii Carini 1933.

- 1) Unknown crocodylian. Brazil. Intestine. Carini (1933); Sao Paulo, Brazil. Intestine. Host as *Caiman* sp. Pellerdy (1974); Host as *Caiman* sp. Gairhe (2007).

Isoospora sp. Schneider 1881.

- 1) Unknown crocodylian. Intestine. Debyser and Zwart (1991).

Isoospora jacarei Carini and Biocca 1940.

- 1) *Caiman latirostris*. Santa Cruz and Sao Paulo, Brazil. Intestine. Carini and Biocca (1940); Santa Cruz, Brazil. Intestinal glands. Pellerdy (1974); Huchzermeyer (2003); Santa Cruz and Sao Paulo, Brazil. NPC (2010).

Isoospora wilkei Lainson 1968.

- 1) *Crocodylus acutus*. Roaring Creek, Belize. Feces. Lainson (1968); Belize. Pellerdy (1974); Huchzermeyer (2003).

Goussia sp. Labbe 1896.

- 1) *Crocodylus novaeguinae*. Gulf of Papua and Sepik River, Papua New Guinea. Intestine, liver, spleen, lung, kidney, and stomach. Ladds and Sims (1990); Huchzermeyer (2003).
- 2) *Crocodylus niloticus*. Zimbabwe. Liver, lung and spleen. Gardiner et al. (1986).

UNKNOWN

Unidentified coccidian species.

- 1) *Caiman crocodilus crocodilus*. Colombia. Digestive system. Villafane et al. (1996); Huchzermeyer (2003); Gairhe (2007).
- 2) *Caiman crocodilus fuscus*. Colombia. In dead embryos. Villafane et al. (1996); In dead embryos. Huchzermeyer (2003).
- 3) *Crocodylus johnstoni*. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Intestine. Buenviaje et al. (1994); Huchzermeyer (2002); Huchzermeyer (2003).
- 4) *Crocodylus niloticus*. Zimbabwe. Jacobson (1984); Zimbabwe. Small intestine and rectum. Foggin (1987); Zimbabwe. Intestinal mucosa, liver, lungs, and spleen. Obwolo and Zwart (1992); Organs. Huchzermeyer (2002); Egypt. Huchzermeyer (2003); Zimbabwe. Gairhe (2007); Zimbabwe. Liver and spleen. NPC (2010).
- 5) *Crocodylus novaeguinae*. Gairhe (2007).
- 6) *Crocodylus palustris*. India. Jacobson (1984); Huchzermeyer (2003).
- 7) *Crocodylus porosus*. Gulf of Papua and Sebik River, Papua New Guinea. Intestine. Ladds and Sims (1990); Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Intestine. Buenviaje et al. (1994); Huchzermeyer (2002); Huchzermeyer (2003); Gairhe (2007).

- 8) *Crocodylus siamensis*. Sriracha Crocodile Farm, Thailand and unidentified locations in Thailand. Faecal specimens. Chaeychomsri et al. (2004).
- 9) *Gavialis gangeticus*. National Zoologic Park, Washington D.C., USA. Jacobson (1984); Chitwan National Park, Nepal. Intestinal and fecal contents. Gairhe (2007); San Diego Zoo, San Diego, California, USA. Capillaries, heart, kidneys, liver, lungs, and spleen. NPC (2010).

HAEMOGREGARINIDAE

Haemogregarina sp. Danilewsky 1885.

- 1) *Alligator mississippiensis*. Zoological Gardens, USA. Blood near intestines. Plimmer (1912); Blood. Glassman et al. (1990).
- 2) *Caiman crocodilus crocodilus*. Paraguay. Wenyon (1926).
- 3) *Crocodylus niloticus*. Blood. Thiroux (1910); Niger. Blood. Leger (1914); Senegal. Host as *Crocodylus niloticus*. Wenyon (1926).
- 4) *Crocodylus novaeguinaeae*. Gairhe (2007).
- 5) *Crocodylus palustris*. Prowazek (1912).
- 6) *Crocodylus porosus*. Dadugan-oaya, Veyangoda, Sri Lanka. Blood. Dobell (1910); Sri Lanka. Wenyon (1926); Gulf of Papua and Sebik River, Papua New Guinea. Blood. Ladds and Sims (1990).
- 7) *Mecistops cataphractus*. Dutton et al. (1907); Liberia and Republic of the Congo. Host as *Crocodylus cataphractus*. Blood. Theiler (1930); Host as *Crocodylus cataphractus*. Huchzermeyer (2003) as *Hepatozoon* sp.
- 8) *Osteolaemus tetraspis*. Liberia. Blood. Theiler (1930); Huchzermeyer (2003) as *Hepatozoon* sp.

- 9) Unknown crocodylian. Uganda. Liver. Host as crocodile. Minchin (1910); Host as *Crocodylus* and *Caiman*. Cooper and Jackson (1981); Parenchyma. Debyser and Zwart (1991).

Haemogregarina brasiliensis Di Primio 1925.

- 1) *Caiman crocodilus crocodilus*. Brazil. Wenyon (1926); Siddall (1995); Smith (1996) as *Hepatozoon brasiliensis*; Huchzermeyer (2003) as *Hepatozoon brasiliensis*.

Haemogregarina crocodilorum Borner 1901.

- 1) *Alligator mississippiensis*. Blood in bone marrow and spleen. Borner (1901); Prowazek (1912); Wenyon (1926); South Carolina, USA. Small intestine. Hazen et al. (1978); Arkansas, Florida, North Carolina, and South Carolina, USA. Blood. Khan (1980); Southern Florida, USA. Blood. Cherry and Ager (1982); South Carolina, USA. Blood. Jacobson (1984); Huchzermeyer (2003) as *Hepatozoon crocodilorum*; Palm Beach, Florida, USA. NPC (2010); Savannah River, South Carolina, USA. Blood. Davis et al. (2011).
- 2) *Crocodylus acutus*. Blood smear. Lainson et al. (2003).
- 3) *Osteolaemus tetraspis*. Prowazek (1912).

Haemogregarina hankini Simond 1901.

- 1) *Crocodylus porosus*. Huchzermeyer (2003) as *Hepatozoon hankini*.
- 2) *Gavialis gangeticus*. Indo-China. Blood. Simond (1901a); Prowazek (1912); India. Wenyon (1926); Huchzermeyer (2003) as *Hepatozoon hankini*.

Haemogregarina sheppardi Travassos Santos Dias 1952.

- 1) *Crocodylus niloticus*. Mozambique. Blood. Travassos Santos Dias (1952); Huchzermeyer (2003) as *Hepatozoon sheppardi*.

HEPATOZOIDAE

Hepatozoon caimani (Carini 1909) Siddall 1995.

- 1) *Caiman crocodilus crocodilus*. Smith (1996); Belem, Brazil. Blood. Lainson et al. (2003); Barcarena, Para State, Brazil. Blood. Paperna and Lainson (2003); Jovani et al. (2004).
- 2) *Caiman latirostris*. Rio de Janeiro, Brazil. Carini (1909); Brazil. Wenyon (1926) as *Haemogregarina caimani*; Brazil. Pessoa et al. (1972); Huchzermeyer (2003).
- 3) *Caiman yacare*. Belem, Brazil. Blood Smear. Lainson et al. (2003); Pantanal, Brazil. Blood smear. Viana and Marques (2005); Pantanal, Brazil. Blood. Viana et al. (2010).

Hepatozoon pettiti (Wenyon 1909) Siddall 1995.

- 1) *Crocodylus niloticus*. Saint-Louis, Senegal. Blood. Thiroux (1910) as *Haemogregarina pettiti*; Africa and Sudan. Host as *Crocodylus niloticus*. Wenyon (1926) as *Haemogregarina pettiti*; Lake Victoria, Uganda. Blood and various organs. Hoare (1932) as *Haemogregarina pettiti*; Okavango Delta, Botswana. Blood. Leslie et al. (2011).
- 2) Unknown crocodylian. Liver. Wenyon (1909) as *Haemogregarina pettiti*.

Hepatozoon serrai Smith 1996.

- 1) *Paleosuchus trigonatus*. Blood. Smith (1996).

PIROPLASMIDA

THEILERIDAE

Theileria sp. Bettencourt, Franca and Borges 1907.

- 1) *Mecistops cataphractus*. Democratic Republic of the Congo and Nigeria. Wenyon (1926).

Theileria kochi (Stephens & Christophers, 1903) Wenyon, 1926.

- 1) *Crocodylus niloticus*. Central Africa. Host as *Crocodilus niloticus*. Wenyon (1926).

UNKNOWN

Unidentified blood parasite.

- 1) *Alligator mississippiensis*. Lake Griffin, Florida, USA. Blood. Schoeb et al. (2002).
- 2) *Melanosuchus niger*. Unpublished work as stated by Lainson et al. (2003) as unidentified haemogregarines.
- 3) Unknown crocodylian. River Sobat, South Sudan. Host as crocodile. Wenyon (1909); Host as crocodile. Kleine and Taute (1911).

Unidentified protozoan.

- 1) *Gavialis gangeticus*. Griner (1983); Huchzermeyer (2003).

MYXOZOA

MYXOSPOREA

BIVALVULIDA

MYXOBOLIDAE

Myxobolus sp. Bütschli, 1882.

- 1) Unknown crocodilian. Huchzermeyer (2003).

PLATYHELMINTHES**CESTODA****CYCLOPHYLLIDEA****DILEPIDIDAE**

Glossocercus sp. Chandler 1935.

- 1) *Crocodylus acutus*. Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009).

TAENIIDAE

Taenia bremseri Baird 1852.

- 1) *Crocodylus palustris*. Intestine. Linstow (1878); Bengal. Hughes et al. (1941b); Hughes et al. (1942).

TETRATHRIDIUM

Cysticercus lucius Crisp 1854.

- 1) Unknown crocodilian. London Zoological Gardens, London, United Kingdom. Hughes et al. (1941a).

PSEUDOPHYLLIDEA**DIPHYLLOBOTHRIIDAE**

Spirometra erinacei Melville 1988.

- 1) *Crocodylus johnstoni*. Northern Territory, Australia. Muscle. Huchzermeyer (1997); Northern Territory, Australia. Millan et al. (1997); Northern Territory, Australia. Huchzermeyer (2003); Australia. Muscle. EFSA (2007).

TETRARHYNCHIDEA

TENTACULARIIDAE

Tetrahynchus sp. Rudolphi 1809.

- 1) *Osteolaemus tetraspis*. Larvae capsules. Hughes et al. (1941a).

UNKNOWN

Unidentified cestode.

- 1) *Alligator mississippiensis*. East Texas, USA. Stomach (via flushing). Saalfeld et al. (2011).
- 2) *Ostolaemus tetraspis*. Muscle. Huchzermeyer (1997); Republic of the Congo. Muscle. Huchzermeyer (2003).
- 3) Unknown crocodylian. Papua New Guinea. Gastric mucosa. Host as Indo-Pacific crocodile. Ladds and Sims (1990).

DIGENEA

PLAGIORCHIOIDEA (superfamily)

Deurithitrema sp. Blair (1985) *genera incertae sedis*.

- 1) *Crocodylus novaeguinaeae*. Lae, Papua New Guinea. Kidneys. Ladds and Sims (1990); Huchzermeyer (2003).
- 2) *Crocodylus porosus*. Kidneys. Huchzermeyer (2003).

- 3) Unknown crocodylian. Ladds (2003).

Deurithitrema gingae Blair 1985 *genera incertae sedis*.

- 1) *Crocodylus porosus*. Darwin, Australia. Kidneys. Blair (1985); Kidneys. Huchzermeyer (2003).

ECHINOSTOMIDA

ECHINOSTOMATIDAE

Caballerotrema sp. Prudhoe 1960.

- 1) *Melanosuchus niger*. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Echinostoma sp. Rudolphi 1819.

- 1) *Melanosuchus niger*. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Echinostomum crocodili (Poirier 1886) Prudhoe 1944.

- 1) *Crocodylus niloticus*. Odhner (1902) as *Echinostomum crocodili* and *Echinostomum umbonatum*; Odhner (1910); Hughes et al. (1941b); Africa. Hughes et al. (1942); Yamaguti (1958); Africa. Yamaguti (1971); Huchzermeyer (2003).
- 2) *Crocodylus siamensis*. Museum specimen from unknown location. Intestine. Poirier (1886) as *Allechinostomum crocodili*; Intestine. Host as *Crocodylus siamensis*. Stossich (1895) as *Allechinostomum crocodili*; Africa? Brandes (1888) as *Allechinostomum crocodili*; Odhner (1902) as *Echinostomum umbonatum*; Hughes et al. (1941b) as *Allechinostomum crocodili*; Hughes et al. (1942) as *Allechinostomum crocodili*; Yamaguti (1958) as *Allechinostomum crocodili*; Yamaguti

(1971) as *Allechinostomum crocodili*; Canaris and Gardner (2003) as *Allechinostomum crocodili*; Huchzermeyer (2003) as *Allechinostomum crocodili*.

Stephanoprora sp. Odhner 1902.

- 1) *Caiman crocodilus crocodilus*. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Stephanoprora campomica Nasir and Diaz (1971).

- 1) *Caiman crocodilus crocodilus*. Laguna da Campoma, Sucre State, and Laguna la Encantada, Onoto, Anzoategui State, Venezuela. Intestine. Nasir and Diaz (1971); Laguna de Campoma, Sucre State, Venezuela. Intestine. NPC (2010).

Stephanoprora jacaretinga (Teixeira de Freitas and Lent 1938) Prudhoe 1944.

- 1) *Caiman crocodilus crocodilus*. Small intestine. Marajo Island, Brazil. Teixeira de Freitas and Lent (1938) as *Echinostoma jacaretinga*; Hughes et al. (1941b) as *Echinostoma jacaretinga*; Brazil. Hughes et al. (1942) as *Echinostoma jacaretinga*; Marajo Island, Brazil. Yamaguti (1958); Small intestine. Dubois (1969); Marajo Island, Brazil. Host as *Caiman sclerops*. Yamaguti (1971); Cloaca and intestine. Huchzermeyer (2003) as *Echinostoma jacaretinga* and *S. jacaretinga*.
- 2) *Caiman yacare*. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Stephanoprora minutus Bhutta and Khan 1975.

- 1) *Gavial gangeticus*. River Satlej, India. Intestine. Bhutta and Khan (1975); Pakistan. NHM

(2010).

Stephanoprora natterei Nunez 2003.

- 1) *Melanosuchus niger*. Mato Grosso, Brazil. Probably intestine. Nunez (2003).

Stephanoprora odhneri Yamaguti (1971).

- 1) *Crocodylus niloticus*. Sudan. Yamaguti (1971).

Stephanoprora ornata Odhner 1902.

- 1) *Crocodylus niloticus*. Odhner (1910) as *Echinostomum ornatum*; Hughes et al. (1941b); Egypt. Hughes et al. (1942); Huchzermeyer (2003).
- 2) Unknown crocodylian. Nile. Host as crocodile. Yamaguti (1958).

PLAGIORCHIIDA

ACANTHOSTOMIDAE

Unidentified acanthostomid.

- 1) *Melanosuchus niger*. Brazil. Nunez (2003).

CRYPTOGONIMIDAE

Acanthostomum sp. Looss 1899.

- 1) *Alligator mississippiensis*. Lake Griffin, Florida, USA. Intestine. Schoeb et al. (2002); Florida. NHM (2010).
- 2) *Caiman crocodilus fuscus*. Rio Chagres, Panama. Ostrowski de Nunez (1984).

- 3) *Crocodylus moreletii*. Tabasco, Mexico. Two different specimens identified as species of *Acanthostomum*. Ostrowski de Nunez (1984); Mexico. Garcia-Reynoso (1991); Tabasco, Mexico. CCNH (1997); Mexico. NHM (2010).
- 4) Unknown crocodylian. Rio de Janeiro, Brazil. Host as *Caiman* sp. Noronha (2009).

Acanthostomum americanum (Perez Viguera 1956) Brooks 1980.

- 1) *Crocodylus acutus*. Hughes et al., (1941b); Honduras. Hughes et al., (1942) as *Acanthostomum coronarium*; Cuba. Small intestine. Pérez Viguera (1956) as *Acanthochasmus americanum*; El Salvador. Intestine. Herber (1961) as *Acanthostomum americanus*; Cuba. Groschaft and Barus (1970) as *Atrophocaecum americanum*; Cuba and El Salvador. Yamaguti (1971); Costa Rica, and Cuba, and El Salvador, and Honduras. Brooks (1980); Cuba and El Salvador. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum americanum*; Cuba, and El Salvador, and Honduras. NHM (2010) as *A. americanum* and *Proctocaecum americanum*. One specimen of *P. americanum* is under *Crocodylus rhombifer*; El Salvador and Honduras. NPC (2010).
- 2) *Crocodylus moreletii*. Mexico. Garcia-Reynoso (1991) as *Proctocaecum americanum*; Lagoon of Celestun Yucatan, Mexico. Small intestine. Moravec (2001); Gairhe (2007).
- 3) *Crocodylus rhombifer*. Cuba. Intestine. Groschaft and Barus (1970) as *Atrophocaecum americanum*; Cuba. Brooks (1980); Cuba. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum americanum*; Cuba. NHM (2010).

Acanthostomum minimum Stunkard 1937.

- 1) *Caiman crocodilus crocodilus*. Brazil. Issa (1962).

Acanthostomum pavidum Brooks and Overstreet 1977.

- 1) *Alligator mississippiensis*. Middle third of intestine. Alachua County, Florida, USA, and Cameron Parish, Louisiana, and Jackson County, Mississippi. Brooks and Overstreet (1977); Southeastern USA. Brooks (1980) as *Caimanicola pavidum*; Florida, Louisiana, and Mississippi, USA. Lamothe-Argumedo and Ponciano Rodriguez (1986) as *Proctocaecum pavidum*; Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003); Florida and Louisiana, USA. Intestine. MLC (2010); Texas, and Southern USA. NHM (2010) as *A. pavidum* and *Proctocaecum pavidum*; Jefferson County, Texas, and Mandeville, Louisiana, and Paynes Prairie, Alachua County, Florida, USA. Intestine. NPC (2010) as *A. pavidum* and *Caimanicola pavidum*.

Atrophocaecum indicum (Sinha 1942) Brooks 1980.

- 1) *Crocodylus palustris*. Lucknow, India. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum indicum*; India. NHM (2010).
- 2) Unknown crocodylian. India. Sinha (1942); India. Yamaguti (1958) as *Acanthostomum indicum*; India. Issa (1962) as *Acanthostomum indicum*; Host as crocodile. Yamaguti (1971) as *Acanthostomum indicum*; Democratic Republic of the Congo, and Egypt, and Northern Ghana, and Sudan. Intestine. Host as crocodiles. Nasir (1974) as *Acanthostomum imbutiforme*; Host as Crocodile sp. Elkan (1977); India. Brooks (1980); India. NHS (2009) as *Acanthostomum indicum*.

Atrophocaecum slusarskii (Kalyankar 1977) Brooks 1980.

- 1) *Crocodylus palustris*. Nanded, Maharashtra, India. Intestine. Kalyankar (1977) as *Acanthostomum slusarskii*; India. Brooks (1980); Nanded Maharashtra, India. Lamothe-Argumedo and Ponciano-Rodriquez (1986) as *Proctocaecum slusarskii*; India. NHM (2010) as *Proctocaecum slusarskii*.

Caimancola caballeroi (Pelaez & Cruz 1953) Brooks 1980.

- 1) *Caiman crocodilus crocodilus*. Cloaca and intestine. Huchzermeyer (2003) as *Acanthostomum caballeroi*.
- 2) *Caiman crocodilus fuscus*. Panama. Intestine. Caballero (1955) as *Acanthostomum caballeroi*; Panama. Thatcher (1964); Panama. Brooks (1980); Panama. Lamothe-Argumedo and Ponciano-Rodriquez (1986) as *Proctocaecum caballeroi*; Chepo Pacora, Panama. Intestine. CCNH (1997) as *Proctocaecum caballeroi*.
- 3) *Crocodylus acutus*. Intestine. Rio Verde, Oaxaca, Mexico. Pelaez and Cruz (1953); Oaxaca, Mexico. Yamaguti (1971) as *Acanthostomum caballeroi*; Mexico. Brooks (1980); Oaxaca, Mexico. Lamothe-Argumedo and Ponciano-Rodriquez (1986) as *Proctocaecum caballeroi*; Oaxaca, Mexico. Thatcher (1993) as *Acanthostomum caballeroi*; Oaxaca, Mexico. Intestine. CCNH (1997) as *Proctocaecum caballeroi*; Mexico and Panama. NHM (2010) as *Acanthostomum caballeroi* and *Proctocaecum caballeroi*.
- 4) *Crocodylus rhombifer*. Cuba. Intestine. Groschaft and Barus (1970) as *Atrophocaecum caballeroi*; Cuba. Brooks (1980); Huchzermeyer (2003); Cuba. NHM (2010) as *Proctocaecum caballeroi*.

Caimanicola marajoara Teixeira de Freitas and Lent 1938.

- 1) *Caiman crocodilus crocodilus*. Marajo Island, Brazil. Small intestines. Host as *Caiman sclerops*. Teixeira de Freitas and Lent (1938); Brazil. Thatcher (1924); Hughes et al. (1941b) as *Acanthostomum marajoarum*; Brazil. Hughes et al. (1942) as *Acanthostomum marajoarum*; Host as *Caiman sclerops*. Yamaguti (1958); Small intestine. Dubois (1969); Small Intestine. Travassos et al. (1969); Brazil. Host as *Caiman sclerops*. Yamaguti (1971); Colombia. Small intestine. Host as *Caiman sclerops*. Carter and Etges (1972) as *Acanthostomum marajoarum*; Brazil, Colombia, and Venezuela. Brooks (1980); Colombia and Isla de Marajo, Brazil. Host as *Caiman sclerops*. Lamothe-Argumedo and Ponciano-Rodriquez (1986) as *Proctocaecum marajoarum*; Cloaca and intestine. Huchzermeyer (2003) as *Acanthostomum marajoarum* and *C. marajoarum*; Panama. Intestine. Host as *Caiman sclerops*. NPC (2010); Colombia. Intestine. Host as *Caiman sclerops*. NPC (2010) as *Acanthostomum marajoarum*.
- 2) *Caiman crocodilus fuscus*. Brazil, Colombia, and Venezuela. Brooks (1980); Panama. Ostrowski de Nunez (1984) as *Acanthostomum marajoarum*.
- 3) *Caiman yacare*. Nhumirim Farm, Corombá, Brazil. Intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1993a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).
- 4) *Crocodylus acutus*. Costa Rica. Intestine. Caballero and Brenes-Madrigal (1958) as *Acanthostomum acuti*; Los Chiles de Grecia, Costa Rica. Small Intestine. Host as *C. acutus acutus*. Brenes (1961) as *Acanthostomum acuti*; Thatcher (1993) as *Acanthostomum acuti*; Costa Rica, Cuba and El Salvador. Brooks (1980); Costa Rica and Cuba. Lamothe-Argumedo and

- 5) Ponciano-Rodriguez (1986) as *Proctocaecum acuti*; Alajuela, Costa Rica. Intestine. CCNH (1997) as *Proctocaecum acuti*; Costa Rica and Cuba. NHM (2010) as *Acanthostomum acuti* and *Proctocaecum acuti*.
- 6) *Crocodylus moreletii*. Tabasco, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010) as *Acanthostomum acuti* or *Proctocaecum acuti*.
- 7) *Crocodylus rhombifer*. Cuba. Small intestine. Groschaft and Barus (1970) as *Atrophocaeum acuti*; Cuba. Brooks (1980).

Capsulodiplostomum crocodilinum Dwivedi 1966.

- 1) *Crocodylus palustris*. Robertson Lake, Jabalpur, India. Intestine. Dwivedi (1966); India. Yamaguti (1977); Huchzermeyer (2003).

Proctocaecum sp. Baugh 1957.

- 1) *Gavial gangeticus*. Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Proctocaecum atae (Tubangui and Masiluñgan 1936) Brooks 1980.

- 1) *Crocodylus porosus*. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936) as *Acanthostomum atae*; Hughes et al. (1941b) as *Acanthostomum atae*; Philippine Islands. Hughes et al. (1942) as *Acanthostomum atae*; Philippines. Yamaguti (1958) as *Acanthostomum atae*; Palawan, Philippines. Issa (1962) as *Acanthostomum atae*; Philippines. Yamaguti (1971) as *Acanthostomum atae*; Philippine Islands. Brooks (1980); Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum atae*; Intestine and cloaca. Huchzermeyer (2003) as *Acanthostomum atae*; Philippines. NHM (2010) as *Acanthostomum atae*.

Proctocaecum blairi Tkach and Synder 2010.

- 1) *Crocodylus johnstoni*. Coolibah Crocodile Farm, Victoria River, Northern Territory, Australia. Small Intestine. Tkach and Synder (2010).

Proctocaecum coronarium (Cobbold 1861) Brooks 1980.

- 1) *Alligator mississippiensis*. Intestine. Menagerie of the Zoological Society of London, London, United Kingdom. Cobbold (1861) as *Distomum coronarium*; Cobbold (1864) as *Distomum coronarium*; Cobbold (1879) as *Distomum coronarium*; Intestine. Linstow (1878) as *Distomum coronarium*; Intestine. Parona (1891) as *Echinostoma coronarium*; Stossich (1895) as *Distomum coronarium*; Looss (1896) as *Distomum coronarium*; Braun (1899) as *Distomum coronarium*; Looss (1899) as *Acanthostomum coronarium*; Luhe (1899) as *Distomum coronarium*; Stossich (1899) as *Acanthochasmus coronarius* and *Anoiktostoma coronarium*; Braun (1901) as *Acanthochasmus coronarius*; Odhner (1902) as *Acanthochasmus coronarius*; Wolf (1903) as *Distomum coronarium* and *Anoiktostoma coronarium*; Ward (1918) as *Acanthochasmus coronarius*; Intestine. Viana (1924) as *Acanthochasmus coronarium*; Small intestine. Stunkard (1931) as *Acanthochasmu coronarius* and *Acanthochasmus diploporus*; Canavan (1933) as *Acanthochasmus diploporum*; Gohar (1934) as *Acanthostomum coronarium*; Stunkard (1938) as *Acanthochasmus coronarius* and *Acanthostomum diploporum*; Hughes et al. (1941b) as *Acanthostomum coronarium* and *Acanthostomum diploporum*; Hughes et al. (1942) as *Acanthostomum coronarium* and *Acanthostomum diploporum*; Yamaguti (1954) as *Acanthostomum diploporum*; Baugh (1957) as *Proctocaecum diploporum*; North America. Yamaguti (1958) as *Acanthostomum coronarium* and *Acanthostomum diploporus*; England and USA. Issa (1962) as *Acanthostomum coronarius* and *Acanthostomum diploporus*; Skrjabin (1964) as *Atrophocaecum*

- diploporum*; Yamaguti (1971) as *Acanthostomum coronarium*, *Acanthostomum diploporum*, and *Atrophocaecum diploporus*; Alachua County, Florida, and Cameron Parish, Louisiana, and Jackson County, Mississippi, USA. Small intestine. Brooks and Overstreet (1977); South Carolina, USA. Small intestine. Hazen et al. (1978); Southeast, USA. Lamothe-Argumedo and Ponciano Rodriguez (1986) as *Proctocaecum diploporus* and *P. coronarium*; Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996) as *Acanthostomum coronarium*; Texas and Southwest Louisiana, USA. Scott (1999) as *Acanthostomum coronarium*; Huchzermeyer (2003) as *Acanthostomum coronarium* and *Acanthostomum diploporum*; Gairhe (2007) as *Acanthostomum coronarium*; Louisiana, USA. Intestine. MLC (2010) as *Acanthostomum coronarium*; Texas and Southern USA. NHM (2010) as *Acanthochasmus diploporus*, *Acanthostomum coronarium*, *Proctocaecum coronarium*, and *Proctocaecum diploporus*; Alachua County and Miami, Florida, and Jefferson County, Texas, and Kiawah Island, South Carolina, and Mandeville, Louisiana, USA. Intestine. NPC (2010) as *Acanthochasmus coronarius*, *Acanthostomum coronarium*, and *Acanthostomum diploporum*.
- 2) *Caiman crocodilus crocodilus*. Intestine. Host as *Caimans sclerops*. Viana (1924) as *Acanthochasmus coronarium*.
- 3) *Crocodylus acutus*. North America. Hughes et al. (1941b); Hughes et al. (1942) as *Acanthostomum coronarium*; North America. Yamaguti (1958) as *Acanthostomum coronarium*; Yamaguti (1971) as *Acanthostomum coronarium*; National Zoo Park, Utila, Honduras. NPC (2010) as *Acanthochasmus coronarius* and *Distomum coronarium*.

Proctocaecum crocodili (Yamaguti 1954) Baugh 1957.

- 1) *Crocodylus porosus*. Sulawesi, Indonesia. Small intestine. Host as *Crocodylus porosus*. Yamaguti (1954) as *Acanthostomum crocodili*; Baugh (1957); Sulawesi, Indonesia. Yamaguti (1958); Sulawesi, Indonesia. Yamaguti (1971) as *Acanthostomum crocodili*; Lamothe-Argumedo and Ponciano-Rodriguez (1986); Sulawesi. Brooks (1980); Sulawesi, Indonesia. NHM (2010).

Proctocaecum dorsale Catto and Amato 1993.

- 1) *Caiman crocodilus crocodilus*. Cloaca and intestine. Huchzermeyer (2003); Mato Grosso, Brazil. Probably intestine. Nunez (2003).
- 2) *Caiman yacare*. Nhumirim Farm and Santana Farm, Corombá, Brazil. Intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1993a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim and Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proctocaecum elongatum (Tubangui and Masiluñgan 1936) Brooks 1980.

- 1) *Crocodylus porosus*. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936) as *Acanthostomum elongatum*; Hughes et al. (1941b) as *Acanthostomum elongatum*; Philippine Islands. Hughes et al. (1942) as *Acanthostomum elongatum*; Philippines. Yamaguti (1958); Philippines. Yamaguti (1971) as *Acanthostomum elongatum*; Gudalcanal Island, and Tomkinson River, Australia, and Philippine Islands. Brooks (1980); Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Acanthostomum elongatum*; Intestine and cloaca. Huchzermeyer (2003) as *Acanthostomum elongatum*; Intestine. MLC (2010); Northern Territory, Australia, and Philippines. NHM (2010) as *Acanthostomum elongatum* and *P. elongatum*.

Proctocaecum gairhei Junker, Brooks and Boomker 2008.

- 1) *Gavial gangeticus*. Chitwan, Nepal. Small intestine. Junker et al. (2008).

Proctocaecum gonotyl (Dollfus 1950) Brooks 1980.

- 1) *Crocodylus niloticus*. Democratic Republic of the Congo. Yamaguti (1958) as *Acanthostomum gonotyl*; Democratic Republic of the Congo. Issa (1962) as *Acanthostomum gonotyl*; Democratic Republic of the Congo. Yamaguti (1971) as *Acanthostomum gonotyl*; Democratic Republic of the Congo, and Egypt. Brooks (1980); Central Africa. Canaris and Gardner (2003) as *Acanthochasmus gonotyl*.

Proctocaecum nicolli (Nicolli 1918) Brooks 1980.

- 1) *Crocodylus johnstoni*. Armadale, North Queensland, Australia. Intestine. Nicolli (1918) as *Acanthochasmus quaesitus*; Hughes et al. (1941b) as *Acanthostomum quesitum*; Australia. Hughes et al. (1942) as *Acanthostomum quesitum*; Australia. Yamaguti (1958) as *Acanthostomum quesitum*; North Queensland. Issa (1962) as *Acanthostomum quesitum*; Australia. Yamaguti (1971) as *Acanthostomum quesitum*; Lynd River, Amber Station, and Mount Surprise, North Queensland, Australia. Intestine. Brooks and Blair (1978) as *Acanthostomum quesitum*; Queensland, Australia. Brooks (1980); Australia. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum quaesitum*; Huchzermeyer (2003) as *Acanthostomum quesitum*; Australia. Intestine. MPC (2010) as *Acanthostomum quesitum*; Mount Surprise, Queensland, Australia. Intestine. NPC (2010) as *P. nicolli* and *Acanthostomum quesitum*.

Proctocaecum productum (Odhner 1902) Brooks 1980.

- 1) *Crocodylus niloticus*. Hughes et al. (1941b) as *Acanthostomum productum*; Sudan. Hughes et al. (1942) as *Acanthostomum productum*; Sudan. Yamaguti (1958) as *Acanthostomum productum*; Issa (1962) as *Acanthostomum productus*; Malakal, Sudan. Intestine. Khalil (1963) *Acanthostomum productum*; Sudan. Yamaguti (1971) as *Acanthostomum productum*; South Africa. Prudhoe and Hussey (1976) as *Acanthostomum productum*; South Africa, and Sudan. Brooks (1980); South Africa and Sudan. Lamothe-Argumedo and Ponciano-Rodriguez (1986); East Africa. Canaris and Gardner (2003) as *Acanthochasmus productus* and *Acanthostomum productum*; Huchzermeyer (2003) as *Acanthostomum productum*.

Proctocaecum vicinum (Odhner 1902) Brooks 1980.

- 1) *Crocodylus niloticus*. Hughes et al. (1941) as *Acanthostomum vicinum*; Sudan. Hughes et al. (1942) as *Acanthostomum vicinum*; Sudan. Yamaguti (1958) as *Acanthostomum vicinum*; Malakal, Sudan. Intestine. Khalil (1963) as *Acanthostomum vicinum*; Sudan. Yamaguti (1971) as *Acanthostomum vicinum*; Sudan. Brooks (1980); Sudan and Upper Nile, Egypt. Lamothe-Argumedo and Ponciano-Rodriguez (1986); East Africa. Canaris and Gardner (2003) as *Acanthochasmus vicinus* and *Acanthostomum vicinus*; Huchzermeyer (2003) as *Acanthostomum vicinum*.

Timoniella absita Blair, Brooks and Melville 1987.

- 1) *Crocodylus porosus*. Darwin, Australia. Intestine. Blair et al. (1988); Intestine and cloaca. Huchzermeyer (2003); Australia. Small intestine. Gairhe (2007); Northern Territory, Australia. NHM (2010).

Timoniella incognita Brooks 1980.

- 1) *Caiman crocodilus crocodilus*. Venezuela. Host as *Caiman crocodilus crocodilus*. Brooks (1980).

Timoniella loossi (Perez Vigueras 1957) Brooks 1980.

- 1) *Alligator mississippiensis*. Cameron Parish, Louisiana, USA. Small intestine. Brooks and Overstreet (1977) as *Acanthostomum loossi*; Southeastern USA. Brooks (1980); USA. Lamothe-Argumedo and Ponciano-Rodriquez (1986) as *Acanthostomum loosi*; Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996) as *Acanthostomum loosi*; Louisiana, USA. Intestine. MLC (2010) as *Acanthostomum loossi*; Texas and Southern USA. NHM (2010) as *Acanthostomum loosi*; Cameron Parish, Louisiana, and Jefferson County, Texas, USA. Intestine. NPC (2010) as *Acanthostomum loosi*.
- 2) *Crocodylus acutus*. Matanzas, Cuba. Large intestine. Pérez Vigueras (1956) as *Acanthoschasmus loossi*; Cuba. Yamaguti (1971) as *Acanthostomum loossi*; Cuba. Brooks (1980); Zapata, Cuba. Intestine. Pérez-Benitez et al. (1980) as *Acanthostomum loossi*; Zapata Peninsula, Cuba. Intestine. Sardinas et al. (1980) as *Acanthostomum loosi*; Cuba. Lamothe-Argumedo and Ponciano-Rodriquez (1986) as *Acanthostomum loosi*; Cuba. Thatcher (1993) as *Acanthostomum loosi*; Huchzermeyer (2003) as *Acanthostomum loosi*; Cuba. NHM (2010) as *Acanthostomum loossi*.
- 3) *Crocodylus moreletii*. Yucatan, Mexico. Intestine. Salgado-Maldonado (1991); Yucatan, Mexico. Intestine. CCNH (1997); Lagoon of Celestun Yucatan, Mexico. Large intestine. Moravec (2001); Gairhe (2007) as *Pelazia loosi*; Mexico. NHM (2010).
- 4) *Crocodylus rhombifer*. Cuba. Small intestine. Groschaft and Barus (1970) as *Acanthostomum*

loosi; Cuba. Brooks (1980); Zapata Peninsula, Cuba. Intestine. Sardinias et al. (1980) as *Acanthostomum loosi*; Huchzermeyer (2003).

Timoniella scyphocephalum (Braun 1899) Brooks 1980.

- 1) *Caiman crocodilus crocodilus* Dubois (1969) as *Acanthostomum scyphocephalum*; Laguna de Chamariapa, and Laguna de Campoma, and Laguna de Encantada, Venezuela. Intestine. Nasir (1974) as *Acanthostomum scyphocephalum*; Venezuela. Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Proctocaecum scyphocephalum*; Ostrowski de Núñez (1986) as *Acanthostomum scyphocephalum*; Brazil. Thatcher (1993) as *Acanthostomum scyphocephalum*; Cloaca and intestine. Huchzermeyer (2003) as *Acanthostomum scyphocephalum*.
- 2) *Caiman crocodilus fuscus*. Odhner (1902) as *Acanthochasmus scyphocephalum*; Odhner (1902) as *Acanthochasmus scyphocephalum*; Stossich (1905) as *Acanthochasmus scyphocephalum*; Hughes et al. (1941b) as *Acanthostomum scyphocephalum*; Hughes et al. (1942) as *Acanthostomum scyphocephalum*; Panama. Intestine. Caballero (1955) as *Acanthostomum scyphocephalum*; Travassos et al. (1969) as *Acanthostomum scyphocephalum*; Brazil. Yamaguti (1971) as *Acanthostomum scyphocephalum*; Panama. Brooks (1980); Ostrowski de Núñez (1986) as *Acanthostomum scyphocephalum*; Chepo Pacora, Panama. Intestine. CCNH (1997) as *Proctocaecum scyphocephalum*.
- 3) *Crocodylus moreletii*. Tabasco, Mexico. Thatcher (1964) as *Acanthostomum scyphocephalum*.
- 4) *Crocodylus rhombifer*. Cuba. Small intestine. Groschaft and Barus (1970) as *Acanthostomum loosi*; Cuba. Brooks (1980); Zapata Peninsula, Cuba. Intestine. Sardinias et al. (1980) as *Acanthostomum loosi*; Huchzermeyer (2003).
- 5) Unknown crocodylian. Host as *Caiman* sp. Noronha (2009).

Timoniella unami (Pelaez and Cruz 1953) Brooks 1980.

- 1) *Crocodylus acutus*. Rio Verde, Oaxaca, Mexico. Intestine. Pelaez and Cruz (1953) as *Acanthostomum unami*; Oaxaca. Yamaguti (1971) as *Acanthostomum unami*; Mexico. Brooks (1980); Lamothe-Argumedo and Ponciano-Rodriguez (1986) as *Pelazia unami*; Oaxaca, Mexico. Thatcher (1993) as *Acanthostomum unami*; Oaxaca, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010) as *Acanthostomum unami* and *Pelazia unami*.

Unidentified cryptogonimid species.

- 1) *Crocodylus novaeguineae*. Irian Jaya. Intestine. Ladds et al. (1995).

EXOTIDENDRIIDAE

Exotidendrium gharialii Mehra 1935.

- 1) *Crocodylus niloticus*. Madagascar. Large intestine. Host as *Crocodylus niloticus*. Deblock et al., (1965).
- 2) *Gavial gangeticus*. Allahabad, India. Rectum near cloaca. Mehra (1935); India. Hughes et al. (1941b); Hughes et al. (1942); India. Rectum near cloaca. Yamaguti (1958); Gairhe (2007); Huchzermeyer (2003).

Renivermis crocodyli Blair, Purdie and Melville 1989.

- 1) *Crocodylus porosus*. Darwin, Australia. Kidneys. Blair et al. (1988); Kidneys. Huchzermeyer (2003); Northern Australia. Kidneys. Gairhe (2007); Northern Territory, Australia. NHM (2010).

“Surahi fluke.”

- 1) *Gavial gangeticus*. Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

PACHYPSOLIDAE

Pachypsolus sclerops (Travassos 1922) Travassos 1929.

- 1) *Caiman crocodilus crocodilus*. Rectum. Host as *Caimans sclerops*. Viana (1924) as *Gastris sclerops*; Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Cloaca. Yamaguti (1958); Amazon. Cloaca. Host as *Caiman crocodilus crocodilus*. Gomes and Pinto (1978); Cloaca and intestine. Huchzermeyer (2003) as *P. sclerops* and *P. constrictus*.
- 2) *Caiman crocodilus fuscus*. Caballero and Herrera (1947); Chepo Pacora, Panama. Cloaca. CCNH (1997).
- 3) *Caiman yacare*. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000).
- 4) *Paleosuchus palpebrosus*. Utinga, Belem, Paraguay. Intestine. Gomes and Pinto (1978).

PLAGIORCHIIDAE

Oistosomum caduceus Odhner 1902.

- 1) Unknown crocodylian. Host as crocodile. Hughes et al. (1941b); Sudan. Hughes et al. (1942); Host of *Crocodylus*. Huchzermeyer (2003).

Paraoistosomum novaeguineae Tkach 2011.

- 1) *Crocodylus novaeguineae*. Merauke, New Guinea, Indonesia. Kidneys. Tkach (2011).

Plagiorchid sp. Luthe 1899.

- 1) *Crocodylus novaeguineae*. Irian Jaya. Kidneys. Ladds et al. (1995); Huchzermeyer (2003).

TELORCHIIDAE

Pseudotelorchis caimanis Catto and Amato 1993b.

- 1) *Caiman crocodilus crocodilus*. Cloaca and intestine. Huchzermeyer (2003); Mato Grosso, Brazil. Nunez (2003); Fazenda Nhumirim, Corumba, Brazil. Oviduct. NPC (2010).
- 2) *Caiman yacare*. Fazenda Nhumirim, Brazil. Oviduct. Host as *Caiman crocodilus yacare*. NPC (1989); Patanal, Brazil. Oviduct, near opening of cloaca. Host as *Caiman crocodilus yacare*. Catto and Amato (1993b); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000).

Pseudotelorchis yacarei Catto and Amato 1993b.

- 1) *Caiman crocodilus crocodilus*. Cloaca and intestine. Huchzermeyer (2003).
- 2) *Caiman yacare*. Patanal, Brazil. Intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1993b); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Telorchis sp. Luhe 1899.

- 1) *Crocodylus moreletii*. Lagoon of Celestun Yucatan, Mexico. Intestine. Moravec (2001); Gairhe (2007); Mexico. NHM (2010).

STRIGEIDIDA

CLINOSTOMATIDAE

Nepthrocephalus bagri-incapsulatus (Wedl 1861) Dollfus 1930.

- 1) *Crocodylus niloticus*. Nungua Lake, Ghana. Mouth. NPC (2010).

Nepthrocephalus sessilis Odhner 1902.

- 1) *Crocodylus niloticus*. Hughes et al. (1941b); Sudan. Hughes et al. (1942); East Africa. Canaris and Gardner (2003); Huchzermeyer (2003).

- 2) Unknown crocodilian. Nile. Host as crocodiles. Yamaguti (1958).

Odhneriotrema incommodum (Leidy 1856) McIntosh 1935.

- 1) *Alligator mississippiensis*. Florida. Mouth. Leidy (1856) as *Monostoma incommodum*; Pharynx. Linstow (1878) as *Monostomum incommodum*; Florida. Mouth. Leidy (1884) as *Distoma oricola*; Leidy (1905) as *Monostomum incommodum*; Mouth. Pratt (1902); St. Petersburg, Florida, USA. Thorax. Canavan (1933) as *Homoscaphis incommodum*; Cape Sable and Coral Gables, Florida, USA. Tongue. McIntosh (1935); Florida, USA. Hughes et al. (1941b); Hughes et al. (1942); Florida. Yamaguti (1958); Pharynx. Leigh (1963); Florida, USA. Buccal cavities and pharyngeal. Leigh (1978); Huchzermeyer (2003); Florida, USA. Mouth and tongue. NPC (2010) as *O. incommodum* and *Distoma oricola*.

- 2) Unknown crocodilian. Host as crocodile sp. Elkan (1977).

Odhneriotrema microcephala (Travassos 1922) Travassos 1929.

- 1) *Caiman crocodilus crocodilus*. Esophagus. Host as *Caimans sclerops*. Viana (1924) as *Nephrocephalus microcephalus*; Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Esophagus. Yamaguti (1958); Upper digestive tract. Huchzermeyer (2003).
- 2) *Caiman crocodilus fuscus*. Rio Nechi, Columbia. Mouth. PC. (2010); Rio Nechi, Antioquia, Colombia. Mouth. Host as *Caiman sclerops fuscus*. NPC (2010).
- 3) *Caiman yacare*. Brazil. Stomach. Host as *Caiman crocodilus*. Travassos (1922) as *Nephrocephalus microcephalus*; Stomach. Catto (2000).
- 4) Unknown crocodylian. Host as crocodile sp. Elkan (1977).

Tremapoleipsis gerberi Baer 1959.

- 1) *Osteolaemus tetraspis*. Epulu, Republic of the Congo. Pharynx. Baer and Gerber (1959); Democratic Republic of the Congo. Yamaguti (1971).

CYATHOCOTYLIDAE

Cyathocotyle sp. Mühling 1896.

- 1) *Mecistops cataphractus*. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Baylis (1940).

Cyathocotyle brasiliensis Ruiz and Leao 1943.

- 1) *Caiman crocodilus crocodilus*. Rio Preto, Sao Paulo, Brazil. Small intestine. Host as *Caiman sclerops*. Ruiz and Leao (1943); Dubois (1953); Brazil. Intestine. Host as *Caiman sclerops*.

Yamaguti (1958); Small Intestine. Dubois (1969); Brazil. Intestine. Host as *Caiman sclerops*.

Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003).

2) *Caiman yacare*. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b);

Intestine. Catto (2000). Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*.

NPC (2010).

Cyathocotyle crocodili Yamaguti 1954.

1) *Crocodylus novaeguineae*. Lae, Papua New Guinea. Intestine. Ladds and Sims (1990).

2) *Crocodylus porosus*. Sulawesi, Indonesia. Small intestine. Yamaguti (1954); Sulawesi, Indonesia.

Intestine. Yamaguti (1971); Sulawesi, Indonesia. Yamaguti (1971); Gulf of Papua and Sebik

River, Papua New Guinea. Intestine. Ladds and Sims (1990); Intestine and cloaca. Huchzermeyer

(2003).

3) Unknown crocodilian. Ladds (2003).

Cyathocotyle fraterna Odnher 1902.

1) *Crocodylus niloticus*. Egypt. Intestine. Host as *Champse vulgaris*. Dubois (1938a,b); Hughes et

al. (1941b); Egypt. Hughes et al. (1942); Dubois (1953); Egypt. Intestine. Host as *Champse*

vulgaris. Yamaguti (1958); Egypt. Host as *Crocodylus niloticus* and *Champse vulgaris*. Yamaguti

(1971); Huchzermeyer (2003).

2) *Mecistops cataphractus*. Republic of the Congo. Host as *Crocodylus cataphractus*. Baylis (1940);

Dubois (1953); Host as *Crocodylus cataphractus*. Yamaguti (1971).

Unidentified cyathocotylid.

- 1) *Melanosuchus niger*. Brazil. Nunez (2003).

DIPLOSTOMIDAE

Fibricola magnitesticulatum (Bisseru 1957) Dubois 1962.

- 1) *Crocodylus niloticus*. Rhodesia. Intestine. Bisseru (1957) as *Neoparadiplostomum magnitesticulatum*; Kafue River, Zambia. Intestine. Dubois (1969) as *Neoparadiplostomum magnitesticulatum*; Northern Rhodesia. Yamaguti (1971) as *Neoparadiplostomum magnitesticulatum*; Northern Rhodesia. Intestine. Dubois (1981) as *Fibricola magnitesticulatus*; Huchzermeyer (2003) as *Neoparadiplostomum magnitesticulatum*.

Neodiplostomum butasturinum (Tubangui 1932) Dubois 1936b.

- 1) *Crocodylus niloticus*. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Neoparadiplostomum kafuensis*; Rwanda, and Zambia. Intestine. Dubois (1969); North Rhodesia. Yamaguti (1971); Dubois (1981) as *Fibricola kafuense*; Huchzermeyer (2003).

LILOPIDAE

Dracovermis sp. Brooks and Overstreet 1978.

- 1) *Alligator mississippiensis*. Miami, Florida, USA. Intestine. NPC (2010).

Dracovermis brayi Brooks and Overstreet 1978.

- 1) *Mecistops cataphractus*. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Baylis (1940) as *Harmotrema* sp.; Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Brooks and Overstreet (1978).

Dracovermis microorchis (Bhutta and Khan 1975) Brooks and Overstreet 1978.

- 1) *Gavial gangeticus*. River Satlej, India. Intestine. Bhutta and Khan (1975); Pakistan. NHM (2010).

Dracovermis nicollii (Mehra 1931) Brooks and Overstreet.

- 1) *Gavial gangeticus*. Allahabad, India. Small intestine. Mehra (1931) as *Harmotrema nicollii*; India. Hughes et al. (1941b) as *Harmotrema nicollii*; Hughes et al. (1942) as *Harmotrema nicollii*; India. Yamaguti (1958) as *Harmotrema nicollii*; Allahabad, India. Small intestine. Brooks and Overstreet (1978); Huchzermeyer (2003).

Dracovermis occidentalis Brooks and Overstreet 1978.

- 1) *Alligator mississippiensis*. Cameron Parish, Louisiana, and Horn Island, Jackson County, Mississippi, USA. Small intestine. Brooks and Overstreet (1978); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Louisiana and Mississippi, USA. Intestine. MLC (2010); Texas and Southern USA. NHM (2010); Cameron Parish, Louisiana, and Horn Island, Jackson County, Mississippi, USA. NPC (2010).

Dracovermis rudolphii (Tubangui and Masiluñgan 1936) Brooks and Overstreet 1978.

- 1) *Crocodylus porosus*. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936); Hughes et al. (1941b); Philippine Islands. Hughes et al. (1942); Philippines. Yamaguti (1958); Palawan, Philippine Islands. Small intestine. Brooks and Overstreet (1978); Cloaca and intestine. Huchzermeyer (2003).

PROTERODIPILOSTOMATIDAE

Archaeodiplostomum sp. Dubois 1944.

- 1) *Alligator mississippiensis*. Host as *Alligator* sp. Brooks et al. (1992).

Archaeodiplostomum acetabulata (Byrd and Reiber 1942) Dubois 1944a.

- 1) *Alligator mississippiensis*. Silver Springs and Tallahassee, Florida, and Midville, Georgia, USA. Small intestine. Byrd and Reiber (1942) as *Pseudoneodiplostomum acetabulata*; USA. Dubois (1944a); Dubois (1944b); Dubois (1951); Florida and Georgia, USA. Dubois (1953); USA. Ruiz and Rangel (1954) as *Pseudoneodiplostomum acetabulata*; Yamaguti (1958); Florida, USA. Intestine. Skrjabin (1964); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); South Carolina, USA. Small intestine. Hazen et al. (1978); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996) as *Acanthostomum acetebulata*; Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003) as *A. acetabulata* and *Pseudoneodiplostomum acetabulata*; Gairhe (2007); Florida. Intestine. MLC (2010) as *Pseudoneodiplostomum acetabulata*; Texas and Southern USA. NHM (2010); Miami and Silver Springs, Florida, and Mississippi, and New York Aquarium, New York, New York, and Jefferson County, Texas, USA.

Intestine. NPC (2010) as *A. acetabulatum*, *Diplostomum abbreviatum* and *Pseudoneodilostomum acetabulata*.

Crocodilicola sp. Poche 1925.

- 1) *Alligator mississippiensis*. Host as *Alligator* sp. Brooks et al. (1992).

Crocodilicola caimanicola Dollfus 1935.

- 1) *Caiman latirostris*. Paris Museum Menagerie, Paris, France. Intestine. Dollfus (1935); Huchzermeyer (2003).

Crocodilicola pseudostoma (Willemoes-Suhm 1870) Byrd and Reiber 1942.

- 1) *Alligator mississippiensis*. Charleston, South Carolina, USA. Intestine. Host as *Alligator lucius*. Willemoes-Suhm (1870) as *Distoma pseudostoma*; Intestine. Linstow (1878) as *Distomum coronarium*; Paris Museum Menagerie, Paris, France. Intestine. Poirier (1886) as *Diplostomum pseudostomum*; Florida, USA. Mouth. Stossich (1895) as *Distomum pseudostomum*; Brandes (1888) as *Distomum pseudostomum*; Intestine. Pratt (1902); Dollfus (1935); South Carolina, USA. Intestine. Dubois (1936b) as *Crocodilicola pseudostoma mississippiensis*; Charleston, South Carolina, USA. Intestine. Dubois (1938a,b); Hughes et al., (1941b); Hughes et al., (1942); Small intestine. Silver Springs, Florida, USA. Byrd and Reiber (1942); South Carolina. Dubois (1944b); Caballero (1948); Dubois (1953); Charleston, South Carolina, USA. Intestine. Yamaguti (1958); South Carolina, USA. Small intestine. Skrjabin (1964); Charleston, South Carolina, USA. Yamaguti (1971); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); Alachua County, Florida, and Cameron Parish, Louisiana, USA. Brooks et al.

- (1977); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003); Louisiana. Intestine. MLC (2010); Texas, and Southern USA. NHM (2010); College Station and Jefferson County, Texas, and Mississippi, USA. Intestine. NPC (2010) as *C. pseudostoma* and *Paradiplostomum pseudostomum*.
- 2) *Crocodylus moreletii*. Veracruz, Mexico. Dubois (1953); Mexico. Yamaguti (1958); Tabasco, Mexico. Thatcher (1964); Veracruz, Mexico. Intestine. CCNH (1997); Mexico. Intestine. MLC (2010); Mexico. NHM (2010).
- 3) *Crocodylus siamensis*. Museum specimen from unknown location. Intestine. Poirier (1886) as *Diplostomum pseudostomum*.
- 4) Unknown crocodylian. Museum specimen from menagerie of the Paris Museum. Intestine. Host as crocodile species. Poirier (1886) as *Diplostomum pseudostomum*; Brazil. Host as *Crocodylus* sp. Viana (1924) as *Diplostomum pseudostomum*; Charleston, South Carolina, USA. Intestine. Host as *Crocodylus* sp. Dubois (1938a,b); Hughes et al. (1941b); South America. Host as *Crocodylus* sp. Hughes et al. (1942); Host as *Crocodylus* sp. Dubois (1953); Brazil. Small intestine. Host as *Crocodylus* sp. Skrjabin (1964); Intestine. Host as *Caiman* sp. Dubois (1969); Brazil. Host as *Caiman* sp. Thatcher (1993); Host of *Crocodylus*. Huchzermeyer (2003); San Diego Zoo, San Diego, California, USA. Intestine. Host as *Crocodylus*. NPC (2010).

Cystodiplostomum sp. Dubois 1936a.

- 1) Host of *Caiman* sp. Brooks et al. (1992).

Cystodiplostomum hollyi Dubois 1936a.

- 1) *Caiman crocodilus crocodilus*. Brazil. First quarter of small intestine. Host as *Jacaretinga crocodilus*. Dubois (1936a); Brazil. Small intestine. Dubois (1938); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1944b); Dubois (1953); Rio Preto, Sao Paulo, Brazil. Small Intestine. Host as *Caiman sclerops*. Ruiz and Rangel (1954); Brazil. Intestine. Yamaguti (1958); Brazil. Small intestine. Skrjabin (1964); Small intestine. Dubois (1969); Dubois (1970a,b); Laguna de Encantada, Onoto, Anzoategui State, Venezuela. Intestine. Nasir and Diaz (1971); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003); Laguna de Encantada, Anzoategui State, Venezuela. Intestine. NPC (2010).
- 2) *Caiman latirostris*. Dubois (1936a); Intestine. Brazil. Dubois (1936b); Brazil. Small intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1944b); Natural History Museum, Paris, France. Dubois (1948); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. First quarter of intestine. Skrjabin (1964); Small intestine. Dubois (1969); Dubois (1970); Yamaguti (1971); Thatcher (1993); Huchzermeyer (2003).
- 3) *Caiman yacare*. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000). Brazil. Fazenda Nhumirim, Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Herpetodiplostomum sp. Dubois 1936a.

- 1) *Melanosuchus niger*. Brooks et al. (1992).
- 2) Unknown crocodilian. Host of *Caiman* sp. Brooks et al. (1992).

Herpetodiplostomum caimancola (Dollfus 1935) Dubois 1936a.

- 1) *Caiman crocodilus crocodilus*. Small intestine. Brazil. Dubois (1936a); Brazil. Small intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); First half of intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003); Laguna de Campoma, Sucre State, Venezuela. Intestine. NPC (2010).
- 2) *Caiman crocodilus fuscus*. Chepo-Pacora, Panama. Cloaca. Caballero et al. (1957); Small intestine. Skrjabin (1964); Chepo Pacora, Panama. Cloaca. CCNH (1997).
- 3) *Caiman latirostris*. Paris Museum Menagerie, Paris, France. Dollfus (1935); Natural History of Vienna, Vienna, Austria. Dubois (1936a); Small intestine. Brazil. Dubois (1936b); Brazil. Small intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Small intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Yamaguti (1971); Thatcher (1993); Huchzermeyer (2003).
- 4) *Caiman yacare*. Nhumirim Farm, Corumbá, Brazil. Posterior section of small and large intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).
- 5) *Crocodylus moreletii*. Rio Cuetzalapan, Catemaco, Veracruz, Mexico. Intestine. Cabellero (1948) as *Crocodylica pseudostoma*.
- 6) *Melanosuchus niger*. Dubois (1936a); Brazil. Intestine. Dubois (1938b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Yamaguti (1971);

Thatcher (1994); Huchzermeyer (2003); Brazil. NHM (2010).

Massoprostatum sp. Caballero 1947.

- 1) *Crocodylus moreletii*. Host of *Crocodylus* sp. Brooks et al. (1992).

Massoprostatum longum Caballero 1948.

- 1) *Caiman crocodilus fuscus*. Colombia. Intestine. Alvarez et al. (2005); Columbia. MPC (2010); Colombia. NPC (2010).
- 2) *Crocodylus moreletii*. Veracruz, Mexico. Large and small intestine. Caballero (1948); Mexico. Dubois (1953); Mexico. Intestine. Skrjabin (1964); Veracruz, Mexico. Yamaguti (1971); Tabasco, Mexico. Thatcher (1993); Veracruz, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010).

Mesodiplostomum sp. Dubois 1936.

- 1) *Melanosuchus niger*. Brooks et al., (1992).

Mesodiplostomum gladioalum Dubois 1936.

- 1) *Caiman crocodilus crocodilus*. Cloaca and intestine. Huchzermeyer (2003).
- 2) *Melanosuchus niger*. Brazil. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Yamaguti (1971); Brazil. Thatcher (1994); Huchzermeyer (2003); Brazil. NHM (2010).

- 3) Unknown crocodylian. Brazil. Intestine. Host as *Caiman* sp. Dubois (1938a,b); Brazil. Host as Alligatorides, which would be caimans. Dubois (1944b); Host as *Caiman* sp. Dubois (1953); Intestine. Host as *Caiman* sp. Dubois (1969); Brazil. Thatcher (1993).

Neodiplostomum sp. Railliet 1919 *species generis incertae*.

- 1) *Mecistops cataphractus*. Gabon. Intestine and stomach. Host as *Champse cataphracta*. Yamaguti (1958).

Paradiplostomum sp. La Rue 1926.

- 1) Unknown crocodylian. Host of *Caiman* sp. Brooks et al. (1992).

Paradiplostomum abbreviatum (Brandes 1888) La Rue 1926.

- 1) *Caiman crocodilus crocodilus*. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Brazil. Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003).
- 2) *Caiman yacare*. Nhumirim Farm, Corumbá, Brazil. Middle and posterior sections of small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).
- 3) Unknown crocodylian. Brazil. Host as Brazilian crocodylian. Brandes (1888) as *Diplostomum abbreviatum*; Brazil. Host as *Crocodylus* sp. Viana (1924) as *Diplostomum abbreviatum*; Host as *Crocodylus* sp. Dubois (1938a,b); Host as *Crocodylus* sp. Hughes et al. (1941b); Brazil. Hughes et

al. (1942); Brazil. Host as *Alligatorides*, which would be caimans. Dubois (1944b); Host as *Crocodilus* sp. Dubois (1953); Brazil. Intestine. Skrjabin (1964); Host of *Crocodylus*. Huchzermeyer (2003).

Polycotyle sp. Willemoes-Suhm 1870.

- 1) *Alligator mississippiensis*. Host as *Alligator* sp. Brooks et al. (1992); Florida, USA. Intestine. NPC (2010).

Polycotyle ornata Willemoes-Suhm 1870.

- 1) *Alligator mississippiensis*. Charleston, South Carolina, USA. Stomach. Host as *Alligator lucius*. Willemoes-Suhm (1870); Abdomen. Linstow (1878); Brandes (1888); Paris Museum Menagerie, Paris, France. Intestine. Host as *Alligator lucius* Poirier (1886); Intestine. Pratt (1902); Dollfus (1935); South Carolina, USA. Intestine and stomach. Dubois (1936b); South Carolina, USA. Intestine and stomach. Dubois (1938a,b); Hughes et al. (1941b); South Carolina, USA. Hughes et al. (1942); Silver Springs, Florida, USA. Small intestine. Byrd and Reiber (1942); South Carolina, USA. Dubois (1944b); South Carolina, USA. Dubois (1953); Charleston, South Carolina, USA. Intestine and stomach. Yamaguti (1958); South Carolina, USA. Intestine and stomach. Skrjabin (1964); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Small intestine. South Carolina, USA. Hazen et al. (1978); Southwest Louisiana and Texas, USA. Scott (1999); Lake Griffin, Florida, USA. Intestine. Schoeb et al. (2002); Huchzermeyer (2003); Gairhe (2007); Florida and Louisiana, USA. Intestine. MLC (2010); Florida, Texas, and Southern USA. NHM

(2010); Jefferson County, Texas, and New York Aquarium, New York, New York, and Park Pond, South Carolina, USA. Intestine. NPC (2010).

Prohemistomum babai Nasir and Diaz 1971.

- 1) *Caiman crocodilus crocodilus* Laguna da Campoma, Sucre state, Venezuela. Intestine. Nasir and Diaz (1971); Laguna de Campoma, Sucre State, Venezuela. Intestine. NPC (2010).

Prolecithodiplostomum sp. Dubois 1936a.

- 1) Unknown crocodylian. Host of *Caiman* sp. Brooks et al. (1992).

Prolecithodiplostomum cavum Dubois 1936a.

- 1) *Caiman crocodilus crocodilus*. Brazil. Intestine. Host as *Jacaretinga crocodilus*. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1944b); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003).
- 2) *Caiman crocodilus fuscus*. Caballero et al. (1957); Palmar Sur, and La Selva, Costa Rica. Brooks et al. (1977); Chepo Pacora, Panama. Cloaca and intestine. CCNH (1997); Colombia. Intestine. Alvarez et al. (2005); Columbia. MPC (2010); Colombia. NPC (2010).
- 3) Unknown crocodylian. Brazil. Host as Alligatorides, which would be caimans. Dubois (1944b).

Prolecithodiplostomum constrictum Dubois 1936a.

- 1) *Caiman crocodilus crocodilus*. Brazil. Intestine. Host as *Jacaretinga crocodilus*. Dubois (1936a);

- Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1940); Brazil. Hughes et al. (1941); Dubois (1944a); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil and Panama. Intestine. Skrjabin (1964); Intestine. Dubois (1969); Dubois (1970); Brazil. Yamaguti (1971); Brazil. Thatcher (1993); Cloaca and intestine. Huchzermeyer (2003); Costa Rica. Intestine. MLC (2010).
- 2) *Caiman crocodilus fuscus*. Chepo-Pacora, Panama. Intestine and cloaca. Caballero et al. (1957); Panama. Intestine. Skrjabin (1964); Panama. Thatcher (1964).
- 3) *Caiman yacare*. Dubois (1936a) as *P. cavum* and *P. constrictum*; Nhumirim Farm, Corumbá, Brazil. Anterior section of small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).
- 4) Unknown crocodylian. Brazil. Host as Alligatorides, which would be caimans. Dubois (1944b); Small intestine. Ruiz and Rangel (1954); Brazil and Panama. Intestine. Skrjabin (1964); Intestine. Dubois (1969).

Proterodiplostomum sp. Dubois 1936a.

- 1) *Melanosuchus niger*. Brooks et al. (1992).
- 2) Unknown crocodylian. Host of *Caiman* and *Paleosuchus*. Brooks et al. (1992).

Proterodiplostomum brasiliensis (Ruiz and Rangel 1954) Sudarikov 1960.

- 1) *Caiman crocodilus crocodilus*. Sudarikov (1960); Brazil. Intestine. Noronha (2009).
- 2) Unknown crocodylian. Brazil. Small intestine. Ruiz and Rangel (1954) as *Pseudoneodiplostomum brasiliensis*; Brazil. Yamaguti (1958) as *Pseudoneodiplostomum brasiliensis*; Brazil. Small

3) intestine. *Caiman* sp. Skrzjabin (1964); Intestine. Host as *Caiman* sp. Dubois (1969); Brazil.

Caiman sp. Yamaguti (1971).

Proterodiplostomum breve Catto and Amato 1994.

1) *Caiman crocodilus crocodilus*. Cloaca and intestine. Huchzermeyer (2003).

2) *Caiman yacare*. Nhumirim Farm, Corumbá, Brazil. Anterior and middle section of small intestine.

Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman*

crocodilus yacare. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil.

Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proterodiplostomum globulare Catto and Amato 1994.

1) *Caiman crocodilus crocodilus*. Cloaca and intestine. Huchzermeyer (2003); Fazenda Nhumirim, Corumba, Brazil. Intestine. NPC (2010).

2) *Caiman yacare*. Nhumirim Farm, Corumbá, Brazil. Small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and

Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim and Fazenda Santana, Brazil.

Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).

Proterodiplostomum intermedium Nasir and Rodriguez 1967.

1) *Caiman crocodilus crocodilus*. San Bonifacio, Venezuela. Small intestine. Nasir and Rodriguez (1967); Venezuela. Host as *Caiman crocodilus crocodilus*. Yamaguti (1971); Venezuela.

Thatcher (1993); San Bonifacio, Venezuela. Intestine. NPC (2010).

Proterodiplostomum longum (Brandes 1888) Dubois 1936a.

- 1) *Caiman crocodilus crocodilus*. Brazil. Host as *Jacarentinga crocodilus*. Dubois (1936a); Dubois (1970a,b); Laguna de Campoma, Scure State, and Laguna la Encantada, Anzoategui State, Venezuela. Intestine. Nasir and Diaz (1971); Cloaca and intestine. Huchzermeyer (2003); Brazil. Intestine. Noronha (2009); Brazil. Intestine. MLC (2010); Laguna de Encatada, and Sucre State, Anzoategui State, Venezuela. Intestine. NPC (2010).
- 2) *Caiman yacare*. Peru. Intestine. Dubois (1988).
- 3) *Melanosuchus niger*. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil. Intestine. Skrjabin (1964); Dubois (1969); Dubois (1970); Thatcher (1994); Huchzermeyer (2003); Brazil. Intestine. Noronha (2009); Brazil. NHM (2010).
- 4) *Paleosuchus palpebrosus*. Brazil. Intestine. Host as *Crocodilus coroa*. Dubois (1938a,b); Brazil. Host as *Crocodilus coroa*. Hughes et al. (1941b); Brazil. Intestine. Skrjabin (1964).
- 5) Unknown crocodylian. Host as American crocodylian. Brandes (1888) as *Diplostomum longum*; Brazil. Host as *Crocodilus* sp. Viana (1924) as *Diplostomum longum*; Brazil. Intestine. Host as *Crocodilus* sp. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Host as *Crocodilus* sp. Hughes et al. (1942); Host as *Crocodilus* sp. Dubois (1953); Brazil. Intestine. Host as *Crocodilus* sp. Skrjabin (1964); Hosts as *Paleosuchus* sp. and *Caiman* sp. Dubois (1969); Brazil. Host as *Caiman* sp. Thatcher (1993); Huchzermeyer (2003); Brazil. Host as *Paleosuchus* sp. NHM (2010).

Proterodiplostomum medusae (Dubois 1936a) Caballero, Hidalgo and Grocott 1957.

- 1) *Caiman crocodilus crocodilus*. Natural History Museum Vienna, Vienna, Austria. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b) as *Diplostome medusae*; Hughes et al. (1941b); *Species*

- inquirenda* in Hughes 1942 as *Diplostomum medusae*; Dubois (1953) as *Diplostome medusae*; Brazil. Intestine. Yamaguti (1958) as *Diplostome medusae*; Brazil and Panama. Intestine. Skrjabin (1964); Intestine. Dubois (1969) as *Diplostomum medusae*; Brazil. Yamaguti (1971); Brazil. Thatcher (1993) as *Diplostomum medusae*; Cloaca and intestine. Huchzermeyer (2003) as *Diplostome medusae*; Costa Rica. Intestine. MLC (2010).
- 2) *Crocodylus crocodylus fuscus*. Chepo-Pacora, Panama. Intestine. Caballero et al. (1957); Panama. Intestine. Skrjabin (1964); Panama. Yamaguti (1971); La Selva, Costa Rica. Brooks et al. (1977); Chepo Pacara, Panama. Intestine. CCNH (1997).
- 3) *Caiman yacare*. Nhumirim Farm, Corumbá, Brazil. Small intestine. Host as *Caiman crocodylus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodylus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim, Brazil. Intestine. Host as *Caiman crocodylus yacare*. NPC (2010).
- 4) *Crocodylus acutus*. *Proterodiplostomum medusae* (Dubois 1936a) Caballero, Hidalgo-Escalante and Crocott 1957. Los Chiles de Grecia, Costa Rica. Small Intestine. Host as *C. acutus acutus*. Brenes (1961); Alajuela, Costa Rica. Intestine. CCNH (1997); Los Chiles de Grecia, Costa Rica. Rodriguez-Ortiz et al. (2004); Costa Rica. NHM (2010).

Proterodiplostomum tumidulum Dubois 1936a.

- 1) *Caiman crocodylus crocodylus*. Intestine. Brazil. Host as *Jacaretinga crocodylus*. Dubois (1936a); Brazil. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Dubois (1953); Brazil. Intestine. Yamaguti (1958); Brazil and Panama. Cloaca and intestine. Skrjabin (1964); Intestine. Dubois (1969); Brazil. Intestine. Yamaguti (1971); Cloaca and intestine. Huchzermeyer (2003); Brazil. Intestine. Noronha (2009).

- 2) *Caiman crocodilus fuscus*. Chepo Pacora, Panama. Cloaca. Caballero et al. (1957); Dubois (1938a,b); Panama. Intestine and cloaca. Skrjabin (1964); Panama. Yamaguti (1971); Chepo Pacora, Panama. Cloaca. CCNH (1997).
- 3) *Caiman yacare*. Nhumirim Farm, Corumbá, Brazil. Small intestine. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Fazenda Nhumirim and Fazenda Santana, Brazil. Intestine. Host as *Caiman crocodilus yacare*. NPC (2010).
- 4) *Paleosuchus palpebrosus*. Host as *Crocodilus coroa*. Hughes et al. (1941b); Host as *Crocodilus coroa*. Hughes et al. (1942).

Pseudocrocodilicola sp. Byrd and Reiber 1942.

- 1) *Alligator mississippiensis*. Host as *Alligator* sp. Brooks et al. (1992); Miami, Florida. Intestine. NPC (2010).

Pseudocrocodilicola americanense Byrd and Reiber 1942.

- 1) *Alligator mississippiensis*. Midville, Georgia, USA. Small intestine. Byrd and Reiber (1942); USA. Dubois (1944a); Georgia. Small Intestine. Dubois (1944b); Dubois (1953); Midville, Georgia, USA. Yamaguti (1958); Georgia, USA. Small intestine. Skrjabin (1964); Midville, Georgia, USA. Yamaguti (1971); Elkan (1977); Small intestine. South Carolina, USA. Hazen et al. (1978); Huchzermeyer (2003); Gairhe (2007); Florida and Georgia, USA. Intestine. MLC (2010); Midville, Georgia, and Par Pond, Aiken, South Carolina, USA. Intestine. NPC (2010).

Pseudocrocodilicola bychowskyi Srivastava and Chauhan 1969.

- 1) *Gavial gangeticus*. Elkan (1977).

Pseudocrocodilicola georgiana Byrd and Reiber 1942.

- 1) *Alligator mississippiensis*. Small intestine. Midville, Georgia, USA. Byrd and Reiber (1942); USA. Dubois (1944b); Dubois (1953); Georgia, USA. Yamaguti (1958); Georgia, USA. Small intestine. Skrjabin (1964); Yamaguti (1971); Alachua and Lake Counties, Florida, and Cameron Parish, Louisiana, USA. Brooks et al. (1977); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Florida, Georgia, Southwest Louisiana, and Texas, USA. Scott (1999); Huchzermeyer (2003); Florida and Louisiana, USA. Intestine. MLC (2010); Texas and Southern USA. NHM (2010); Gainesville, Florida, and Jefferson County, Texas, and Midville, Georgia, USA. Intestine. NPC (2010).

Pseudoneodiplostomum sp. Dubois 1936a.

- 1) *Crocodylus moreletii*. Veracruz, Mexico. Intestine. CCNH (1997); Mexico. NHM (2010).
- 2) *Crocodylus rhombifer*. Cuba. Small intestine. Groschaft and Barus (1970).
- 3) *Gavial gangeticus*. Brooks et al. (1992) as *Neelydiplostomum*; Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).
- 4) Unknown crocodylian. Host of *Crocodylus* and *Osteolaemus* spp. Brooks et al. (1992).

Pseudoneodiplostomum bifurcatum (Wedl 1861) Dubois 1948.

- 1) *Crocodylus niloticus*. Egypt. Wedl (1861) as *Distoma bifurcatum*; Egypt. Brandes (1888) as *Diplostomum bifurcatum*; Host as *Crocodylus vulgaris*. Linstow (1878) as *Distomum bifurcatum*; Intestine. Dollfus (1935) as *Neodiplostoma bifucatum*; Egypt. Intestine. Host as *Champse vulgaris*. Dubois (1938a,b) as *Distoma bifurcatum*; Hughes et al. (1941b) as *Distoma bifurcatum*; Egypt. Hughes et al. (1942) as *Distoma bifurcatum*; Egypt. Host as *Crocodylus vulgaris*. Dubois (1948); Dubois (1953); Egypt. Host as *Crocodylus vulgaris*. Ruiz and Rangel (1954); Democratic Republic of the Congo and Egypt. Host as *Crocodylus niloticus* and *Crocodylus vulgaris*. Yamaguti (1958); Gatooma, Southern Rhodesia. Intestine. Beverly-Burton (1963); Republic of the Congo, and Egypt. Intestine. Skrjabin (1964); Madagascar. Small intestine. Host as *Crocodylus niloticus*. Deblock et al., (1965); Egypt, and Madagascar, and Republic of the Congo. Host as *Crocodylus niloticus* and *C. vulgaris*. Yamaguti (1971); Egypt. Host as *Crocodylus vulgaris*. Bhutta and Khan (1975); South Africa. Intestine. Prudhoe and Hussey (1977); North and Central Africa. Host as *Crocodylus niloticus* and *C. vulgaris*. Canaris and Gardner (2003); Huchzermeyer (2003); Madagascar. Gairhe (2007); Rhodesia. Intestine. MLC (2010).
- 2) *Osteolaemus tetraspis*. Huchzermeyer (2003).

Pseudoneodiplostomum crocodilarum (Tubangui and Masiluñgan 1936) Tubangui 1947.

- 1) *Crocodylus porosus*. Palawan, Philippines. Intestine. Tubangui and Masiluñgan (1936) as *Neodiplostomum crocodilarum*; Palawan Island, Philippines. Intestine. Host as *Champse porosa*. Dubois (1938a,b) as *Neodiplostomum crocodilarum*; Hughes et al. (1941b) as *Neodiplostomum crocodilarum*; Philippine Islands. Hughes et al. (1942) as *Neodiplostomum crocodilarum*; Philippines. Dubois (1948); Dubois (1953); Philippines. Ruiz and Rangel (1954) as *P.*

crocodylarum; Palawan Islands, Philippines. Host as *Champse porosa*. Yamaguti (1958); Palawan Island, Philippines. Intestine. Skrjabin (1964); Palawan Island, Philippines. Bhutta and Khan (1975); Cloaca and intestine. Huchzermeyer (2003) as *Neodiplostomum crocodilorum*.

Pseudoneodiplostomum crocodili Yamaguti 1954.

- 1) *Crocodylus porosus*. Sulawesi, Indonesia. Small intestine. Yamaguti (1954); Sulawesi, Indonesia. Intestine. Skrjabin (1964); Sulawesi, Indonesia. Yamaguti (1971).

Pseudoneodiplostomum dolfusi Dubois 1948.

- 1) *Crocodylus siamensis*. Dubois (1953); Asia. Ruiz and Rangel (1954); Yamaguti (1958); Yamaguti (1971); Siam. Bhutta and Khan (1973); Huchzermeyer (2003).

Pseudoneodiplostomum gavialis (Narain 1930) Sudarikov 1960.

- 1) *Gavial gangeticus*. Allahabad, India. Duodenum and small intestine. Narain (1930) as *Neodiplostomum gavialis*; India. Vidyarthi (1937) as *Crocodicicola gavialis*; Dubois (1938a,b) as *Crocodicicola gavialis*; India. Hughes et al. (1941b) as *Neodiplostomum gavialis*; Hughes et al. (1942) as *Crocodicicola gavialis*; Dubois (1953) as *Crocodicicola gavialis species inquirenda*; India. Intestine. Gupta (1958) as *Neelydiplostomum gavialis*; Allahabad, India. Intestine. Yamaguti (1958) as *Neodiplostomum gavialis*; India. Duodenum and small intestine. Skrjabin (1964) as *Proterodiplostomum gavialis*; India. Intestine. Yamaguti (1971) as *Neelydiplostomum gavialis*; India. Bhutta and Khan (1975) as *Crocodicicola gavialis*; Huchzermeyer (2003) as *Crocodicicola gavialis* and *Neodiplostomum gavialis*; Gairhe (2007) as *Neodiplostomum gavialis*; akistan. NHM (2010).

Pseudoneodiplostomum groschafti Moravec, 2001.

- 1) *Crocodylus moreletii*. Lagoon of Celestun, Yucatan, Mexico. Middle part of small intestine. Moravec (2001); Gairhe (2007); Mexico. NHM (2010).
- 2) *Crocodylus rhombifer*. Cuba. NHM (2010).

Pseudoneodiplostomum siamense (Poirier 1886) Dubois 1936.

- 1) *Crocodylus siamensis*. Paris Museum Menagerie, Paris, France. Intestine. Poirier (1886) as *Diplostomum siamense*; Brandes (1888) as *Diplostomum siamense*; Dollfus (1935); Asia. Intestine. Dubois (1938a,b); Hughes et al. (1941b); Asia. Hughes et al. (1942); Philippines. Cloaca and intestine. Dubois (1948); Dubois (1953); Asia. Ruiz and Rangel (1954); Asia. Intestine. Host as *Champse siamensis*. Yamaguti (1958); Asia. Intestine. Skrjabin (1964); Yamaguti (1971) as *Champse siamensis*; Asia. Host as *Champse siamensis*. Bhutta and Khan (1975); Huchzermeyer (2003).

Pseudoneodiplostomum thomasi Dubois 1948.

- 1) *Crocodylus niloticus*. Madagascar. Small intestine. Host as *Crocodylus niloticus*. Deblock et al., (1965); Madagascar. Gairhe (2007); Nungua Lake, Ghana. Small intestine. NPC (2010).
- 2) *Osteolaemus tetraspis*. Mossaka, Republic of the Congo (host died at Paris Museum, Paris, France). Small intestine. Dollfus (1935); Mossaka, and Moyen-Congo, Republic of the Congo. Small intestine. Dubois (1938a,b); Africa. Hughes et al. (1941b); Hughes et al. (1942); Moyen-Congo, Republic of the Congo. Dubois (1948); Dubois (1953); Republic of the Congo. Ruiz and

Rangel (1954); Middle of the Republic of the Congo, Africa. Intestine. Yamaguti (1958); Central Republic of the Congo. Small intestine. Skrjabin (1964); Republic of the Congo. Bhutta and Khan (1975); Central Africa. Canaris and Gardner (2003); Huchzermeyer (2003).

- 3) Unknown crocodylian. Nungua, Ghana, Africa. Intestine. Host as *Osteolaemus*. NPC (2010).
(Note: Although the host is most likely *Osteolaemus tetraspis*, due to the subdivision of sub-species of this genus I do not want to speculate.)

Pseudoneodiplostomum thomasi gabonicum Dubois 1948.

- 1) *Mecistops cataphractus*. Gabon. Host as *Crocodylus cataphractus*. Small intestine and stomach. Dollfus (1935) as *Neodiplostoma* sp.; Africa. Host as *Crocodylus cataphractus*. Small intestine and stomach. Host as *Champse cataphracta*. Dubois (1938a,b) as *Neodiplostoma* sp.; Host as *Crocodylus cataphractus*. Stomach. Hughes et al. (1941b) as *Neodiplostoma* sp.; Host as *Crocodylus cataphractus*. Hughes et al. (1942) as *Neodiplostoma* sp.; Host as *Crocodylus cataphractus*. Dubois (1948); Host as *Crocodylus cataphractus*. Dubois (1953); Gabon. Host as *Crocodylus cataphractus*. Ruiz and Rangel (1954); Africa. Host as *Crocodylus cataphractus*. Small intestine and stomach. Skrjabin (1964); Host as *Crocodylus cataphractus*. Yamaguti (1971); Gabon. Host as *Champse cataphracta*. Bhutta and Khan (1973); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

SCHISTOSOMATIDAE

Griphobilharzia amoena Platt, Blair, Purdie and Melville 1991.

- 1) *Crocodylus johnstoni*. Letaba Crocodile Farm, Stapleton Station, Northern Territory, Australia.
Gut washings, kidneys, lungs, liver, and spleen. Platt et al. (1991); Blood vessels. Huchzermeyer

(2003); Brant and Loker (2005); Northwest Territory, Australia. Intestine. MPC (2010); Northwest Territory, Australia. Lung. NPC (2010).

STRIGEIDAE

Parastrigea arcuata (Bisseru 1956) Dubois 1968b.

- 1) *Crocodylus niloticus*. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Prostrigea arcuata*; Zambia. Intestine. Dubois (1968); Central Africa. Canaris and Gardner (2003) as *Prostrigea arcuata*; Huchzermeyer (2003).

Strigea cuncumae Bisseru 1956.

- 1) *Crocodylus niloticus*. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Neostrigea leiperi*; Zambia. Intestine. Dubois (1968a,b).

Strigea falconis Szidat 1928.

- 1) *Crocodylus niloticus*. Kafue River, Northern Rhodesia. Intestine. Bisseru (1956) as *Neostrigea africana*; Huchzermeyer (2003) as *Neostrigea africana*.

Strigea leiperi (Bisseru 1956) Dubois 1968b.

- 1) *Crocodylus niloticus*. Central Africa. Canaris and Gardner (2003) as *Neostrigea leiperi*.

UNKNOWN

Paramphistomum-like sp.

- 1) *Gavial gangeticus*. Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Unidentified blood flukes.

- 1) *Crocodylus johnstoni*. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Kidneys. Buenviaje et al. (1991).
- 2) *Crocodylus novaeguineae*. Papua New Guinea. Blood vessels. Ladds and Sims (1990); Irian Jaya. Blood vessels around gastric mucosa. Ladds et al. (1995); Huchzermeyer (2003).
- 3) *Crocodylus porosus*. Gulf of Papua and Sebik River, Papua New Guinea. Brain, intestine, kidney, liver, lung, spleen, and stomach. Ladds and Sims (1990); Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Kidneys. Buenviaje et al. (1991).
- 4) Unknown crocodylian. Papua New Guinea. Blood vessels. Ladds and Sims (1990).

Unidentified digenean.

- 1) *Alligator mississippiensis*. New Orleans, Louisiana, USA. Intestine. NPC (2010).
- 2) *Caiman crocodilus crocodilus*. Host as *Caiman sclerops*. Travassos (1940); Host as *Caiman sclerops*. MLC (2010).
- 3) *Crocodylus novaeguineae*. Irian Jaya. Intestine and kidney. Ladds et al. (1995).
- 4) *Gavialis gangeticus*. Ova found in lungs. Griner (1983); Granuloma in lungs. Huchzermeyer (2003); Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Unidentified digenean ova.

- 1) *Gavialis gangeticus*. Chitwan National Park, Nepal. Intestines and stomach. Gairhe (2007).

Unidentified helminths.

- 1) *Crocodylus novaeguineae*. Lae, Papua New Guinea. Mucosa and sub-mucosa regions and various organs. Ladds and Sims (1990); Irian Jaya. Gastric mucosa. Ladds et al. (1995).

Unidentified helminth larvae.

- 1) *Crocodylus porosus*. Gulf of Papua and Sebik River, Papua New Guinea. Various organs. Ladds and Sims (1990).

GENUS INQUIRENDA*Distoma* sp. Diesing 1850.

- 1) *Caiman crocodilus crocodilus*. Brazil. Intestine. Host as *Champsia sclerops*. Diesing (1850).

Distoma pyxidatum Bremser in Rudolphi 1819.

- 1) *Caiman crocodilus crocodilus*. Brazil. Intestine. Host as *Crocodyli scleropsis*. Rudolphi (1819); Brazil. Intestine. Host as *Champsia sclerops*. Diesing (1850); Host as *Jacare nigra*. Linstow (1878); Brazil. Intestine. Host as *Caiman sclerops*. Stossich (1895); Intestine. Host as *Caimans sclerops*. Viana (1924); Hughes et al. (1941b); Brazil. Hughes et al. (1942); Intestine. Dubois (1969); Cloaca and intestine. Huchzermeyer (2003).

ROTIFERA

MONOGONONTA

FLOSCULARIACEAE

FLOSCULARIIDAE

Limnias ceratophylli Schrank 1803.

- 1) *Melanosuchus niger*. Lago Amana and Rio Amazonas, Brazil. Trunk, ventral surface, limbs, tail, and jaws. Magnusson (1985); Amazon. Trunk, ventral surface, limbs, tail, and jaws. May (1989).

ACANTHOCEPHALA

PALAEACANTHOCEPHALA

ECHINORHYNCHIDA

POLYACANTHORHYNCHIDAE

Polyacanthorhynchus rhopalorhynchus (Diesing 1851) Travassos 1920.

- 1) *Caiman crocodilus crocodilus*. Brazil. Intestine. Host as *Champsia sclerops*. Diesing (1851-52) as *Echinorhynchus rhopalorhynchus*; Intestine. Host as *Jacare nigra*. Linstow (1878).
- 2) *Caiman latirostris*. Intestine. Host as *Champsia fissipes*. Linstow (1878) as *Echinorhynchus rhopalorhynchus*.
- 3) *Caiman yacare*. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Huchzermeyer (2003).
- 4) *Melanosuchus niger*. Brazil. Intestines. Diesing (1851) as *Echinorhynchus rhopalorhynchus*; Intestine. Host as *Jacare nigra*. Linstow (1878) as *Echinorhynchus rhopalorhynchus*.
- 5) *Paleosuchus palpebrosus*. Intestine. Host as *Caiman palpebrosus*. Linstow (1878) as *Echinorhynchus rhopalorhynchus*.
- 6) *Paleosuchus trigonatus*. Brazil. Intestine. Diesing (1850); Intestine. Host as *Caiman trigonatus*. Linstow (1878) as *Echinorhynchus rhopalorhynchus*.

RHADINORHYNCHIDAE

Gorgorhynchoides sp. Cable and Linderoth 1963.

- 1) *Crocodylus acutus*. Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis

(2009).

POLYMORPHIDA

POLYMORPHIDAE

Hexaglandula mutabilis (Rudolphi 1819) Petrotschenko 1958.

- 1) *Crocodylus rhombifer*. Cuba. Small intestine. Groschaft and Barus (1970); Huchzermeyer (2003).

ANNELIDA

HIRUDINEA

ARHYNCHOBDELLIDA

HIRUDINIDAE

Hirudinaria manillensis Lesson 1842.

- 1) *Crocodylus porosus*. Zoo Negara, Malaysia. Larynx, lung, and left nostril. Jeffrey (1990).
- 2) Unidentified crocodilian. Host of Indo-pacific crocodilian. Huchzermeyer (2003).

Limnatis nilotica (Savigny 1820) Moquin-Tandon 1826.

- 1) *Crocodylus niloticus*. Nile River. Anterior part of pharynx. Host as *Champsse vulgaris*. Diesing (1850) as *Bdella nilotica*; Mouth. Leidy (1884) as *Bdella nilotica*.

RHYNCHOBDELLIDA

GLOSSIPHONIIDAE

Helobdella sp. Blanchard 1896.

- 1) *Caiman latirostris*. Huchzermeyer (2003).

Philobdella gracilis Moore 1901.

- 1) *Alligator mississippiensis*. Viosca (1962); Huchzermeyer (2003).

Placobdella sp. Blanchard 1893.

- 1) *Caiman yacare*. Pantanal, Brazil. Mouth. de Almeida et al. (2006).

Placobdella multilineata Moore 1953.

- 1) *Alligator mississippiensis*. Welder Wildlife Refuge, Texas, USA. Body and oral cavity. Smith and Voigt (1976); Payne's Prairie, Lake Griffin, Florida, USA. Legs, neck, and oral cavity. Forrester and Sawyer (1976); Dorsal and lateral oral cavity. Glassman et al. (1979); Arkansas, Florida, North Carolina, and South Carolina, USA. Mouth, underarms, ventral jaw, and ventral scutes. Khan et al. (1980); Axillae, mouth, and neck. Cooper and Jackson (1981); Southern Florida, USA. Mouth. Cherry and Ager (1982); Jacobson (1984); Baptist Parish, Louisiana, USA. Dorsal tail scutes, head, legs and mouth. Brantley and Platt (1991); Huchzermeyer (2003).

Placobdella papillifera (Verrill 1872) Moore 1952.

- 1) *Alligator mississippiensis*. San Patricio County, Texas, USA. Mouth and un-specified body parts. Smith and Voigt (1976); Mouth and un-specified body parts. Cooper and Jackson (1981); Huchzermeyer (2003).

Placobdelloides multilineata Moore 1953.

- 1) *Crocodylus porosus*. Beijing Zoo, Beijing, China. Mouth. Yang and Davies (1985).
- 2) *Mecistops cataphractus*. Liberia. Host as *Crocodylus cataphractus*. Dorsal side of crocodile. Moore (1938).

Placobdelloides stellapapillosa Govedich, Bain and Davies 2002. tomistoma

- 1) *Crocodylus porosus*. Singapore Zoological Gardens, Singapore, Singapore. Ear flips, eyelids, mouth, skin folds, throat, and underbelly. Govedich et al. (2002); Singapore Zoological Gardens, Singapore, Singapore. Huchzermeyer (2003).

- 2) *Tomistoma schlegelii*. Singapore Zoological Gardens, Singapore, Singapore. Ear flaps, eyelids, mouth, skin folds, throat, and underbelly. Govedich et al. (2002); Huchzermeyer (2003).

Placobdelloides multistriata (Johansson 1909) Sawyer 1986.

- 1) *Crocodylus niloticus*. Okavango Delta, Botswana. Armpits, back leg webbing, belly neck and tail. Leslie et al. (2011) as *Placobdelloides multistriatus*.
- 2) *Osteolaemus tetraspis*. St. Paul's River, Liberia. Skin. Moore (1938).

UNKNOWN

Unidentified leeches.

- 1) *Caiman crocodilus crocodilus*. Lago Amanã, Brazil. Magnusson (1985).
- 2) *Caiman yacare*. Patanal, Brazil. Viana and Marques (2005).
- 3) *Crocodylus intermedius*. Cojeda River System, Venezuela. Seijas (2007).
- 4) *Crocodylus johnstoni*. McKinlay River, Australia. Cloaca, fore- and hindlimbs, and mouth. Webb and Manolis (1983); Huchzermeyer (2003).
- 5) *Crocodylus novaeguineae*. Fly River drainage and Western Province, Papua New Guinea. Epidermis. Montague (1984).

NEMATODA**ENOPLEA****ENOPLIDA****CAPILLARIIDAE**

Crocodylocapillaria longiovata Moravec and Spratt 1998.

- 1) *Crocodylus johnstoni*. Noonamah Crocodile Far, Darwin, Australia. Stomach. Moravec and Spratt (1998); Northern Australia. Stomach. Moravec (2001); Huchzermeyer (2003).
- 2) *Crocodylus novaeguineae*. West Irian and Papua New Guinea. Stomach. Moravec and Spratt (1998); Huchzermeyer (2003); Papua New Guinea and West Irian. NHM (2010).
- 3) *Crocodylus porosus*. Crocodile farms, Darwin, Australia, and Papua New Guinea. Stomach. Moravec and Spratt (1998); Noonamah and Janamba Crocodile Farms, Australia. Stomach. Moravec (2001); Huchzermeyer (2003); Northern Territory, Australia, and Papua New Guinea. NHM (2010).
- 4) *Osteolaemus tetraspis*. Gastric glands. Huchzermeyer (2003).

DIOCTOPHYMATIDAE

Eustrongylides sp. Jagerskold 1909.

- 1) *Caiman yacare*. Paraguay. Stomach. Goldberg et al. (1991); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).
- 2) *Crocodylus moreletii*. Mexico. NHM (2010).
- 3) *Crocodylus niloticus*. Okavango River, Botswana. Stomach. Junker et al. (2006b).

- 4) *Crocodylus novaeguineae*. Papua New Guinea. Gastric serosa. Ladds and Sims (1990); Irian Jaya. Abdomen. Ladds et al. (1995); Huchzermeyer (2003).
- 5) *Crocodylus porosus*. Gulf of Papua and Sebik River, Papua New Guinea. Abdomen. Ladds and Sims (1990); Irian Jaya. Abdomen. Ladds et al. (1995); Huchzermeyer (2003).

Eustrongylides ignotus Jagerskiold 1909.

- 1) *Caiman crocodilus crocodilus*. NHM (2010).

TRICHOSOMOIDIDAE

Paratrichosoma sp. Ashford and Muller 1978.

- 1) *Caiman yacare*. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b) as *Capillaria* sp.
- 2) *Crocodylus acutus*. Quintana Roo, Mexico. Stomach (via flushing). Specimens identified as two different species. Villegas and Gonzalez-Solis (2009) as *Capillaria* sp.
- 3) *Crocodylus intermedius*. Colombia and Venezuela. Ventral epidermis. King and Brazaitis (1971); Epidermis of abdomen. Moravec and Vargas-Vasquez (1998); Huchzermeyer (2003).
- 4) *Crocodylus johnstoni*. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach mucosal lining. Buenviaje et al. (1991) as *Capillaria* sp.
- 5) *Crocodylus niloticus*. Zimbabwe. Moravec (1985); Zimbabwe. Abdominal skin. Foggin (1987); Moravec (2001).
- 6) *Crocodylus novaeguineae*. Lae, Papua New Guinea. Intestinal wall. Ladds and Sims (1990) as *Capillaria* sp.; Irian Jaya. Stomach. Ladds et al. (1995) as *Capillaria* sp.
- 7) *Crocodylus palustris*. Whitaker and Andrews (1989). Moravec (2001); Huchzermeyer (2003).

- 8) *Crocodylus porosus*. Sebik River and Gulf of Papua, Papua New Guinea. Gastric wall of intestine. Ladds and Sims (1990) as *Capillaria* sp.; Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach mucosal lining. Buenviaje et al. (1991) as *Capillaria* sp.; Huchzermeyer (2003).
- 9) Unknown crocodylian. Intestines and skin. Debyser and Zwart (1991); National Park Zoo, Washington, D.C., USA. Liver. NPC (2010) as *Capillaria* sp.

Paratrichosoma crocodylus Ashford and Muller 1978.

- 1) *Crocodylus johnstoni*. McKinley River, Australia. Ventral surface. Webb and Manolis (1983); North Australia. Baker (1987); Northern Australia. Tunnels in epidermis of abdomen. Moravec (1986); Huchzermeyer (2003) as *Capillaria crocodilus* and *P. crocodylus*.
- 2) *Crocodylus novaeguineae*. Port Moresby, New Guinea. Ventral skin. Ashford and Muller (1978); Papua New Guinea. Jacobson (1984); Huchzermeyer (2003); Papua New Guinea. NHM (2010).
- 3) *Crocodylus porosus*. Northern Australia. Tunnels in epidermis. Moravec (1986); Australia. Baker (1987) as *Capillaria crocodilus*; Queensland, Australia. Skin. Buenviaje et al. (1998); Northern Australia. Epidermis of abdomen. Moravec (2001); Saint-Raymond (2008); Northern Territory, Australia. NHM (2010) as *Capillaria crocodilus* and *P. crocodylus*.
- 4) Unknown crocodylian. Intestines. Debyser and Zwart (1991).

Paratrichosoma recurvum (Solger 1877) Ashford and Muller 1978.

- 1) *Crocodylus acutus*. Mexico. Solger (1877); Solger (1933); Mexico. Thoracic integuments. Skryabin (1951a); Mexico. Abdominal skin. Ashford and Muller (1978); Mexico. Baker (1987) as

Capillaria recurva; Mexico. Abdominal skin. Moravec (2001); Huchzermeyer (2003); Mexico. NHM (2010) as *P. recurvum* and *P. crocodylus*.

- 2) *Crocodylus moreletii*. Lagoon of Celestun Yucatan, Mexico. Abdominal skin. Moravec and Vargas-Vasquez (1998); Lagoon of Celestun Yucatan, Mexico. Abdominal skin. Moravec (2001); Huchzermeyer (2003); Mexico. NHM (2010).

TRICHURIDA

TRICINELLIDAE

Trichinella sp. Railliet 1895.

- 1) *Caiman crocodylus crocodylus*. Huchzermeyer (2003).
- 2) *Crocodylus niloticus*. Zimbabwe. Moravec (2001); Zimbabwe. Pozio (2001).

Trichinella papuae Pozio, Owen, Rosa, Sacchi, Rossi and Corona 1999.

- 1) *Crocodylus porosus*. Kikori, Papua New Guinea. Muscle, especially in biceps. Chan and Ng (2004); Angoram, and Baimuru, and Bensback River, and Buka, and Kimbe, and Kikori, and Labu, and Popondetta, and Timunke, and Wewak, Papua New Guinea. Muscle samples. Pozio et al. (2004); Kikori, Papua New Guinea. Muscle samples. Pozio et al. (2005).

Trichinella spiralis nelsoni Britov and Boev 1972.

- 1) *Crocodylus niloticus*. Zimbabwe. Muscle. Huchzermeyer (1997).

Trichinella zimbabweensis Pozio, Foggin, Marucci, Rosa, Sacchi, Corona, Rossi and Mukarartirwa 2002.

- 1) *Crocodylus niloticus*. Zimbabwe. Muscles. Huchzermeyer (2002); Zimbabwe. Small intestine and muscle. Pozio et al. (2002); Zimbabwe. Muscle. Pozio et al. (2004); Ethiopia, Mozambique, and Zimbabwe. Muscle. Pozio et al. (2007); Lake Cahora Basa, Mozambique, and Lake Abaja, Ethiopia, and South Africa, and Zimbabwe. Intercostal pillars, pterygoides, tail, tongue, and triceps. La Grange et al. (2009).

**** Huchzermeyer (2003) states that *Terranova crocodili* (Taylor 1924) Hartwich 1957 parasitizes *C. niloticus*. However, both of these references do not state this.

RHABDITIA

RHABDITIDA

OSWALDOFILARIIDAE

Oswaldofilaria bacillaris (Molin 1858) Travassos 1933c.

- 1) *Caiman crocodilus crocodilus*. Abdominal. Rio de Janeiro, Brazil. Host as *Caiman sclerops*. Travassos (1933c); Barquisimeto, Lara State, Venezuela. Abdominal cavity. Host as *Caiman sclerops*. Diaz-Ungria (1968); Barquisimeto, Lara State, Venezuela. Abdominal cavity. Host as *Caiman sclerops*. Diaz-Ungria and Gallardo (1968); Thoracic cavity. Skryabin et al., (1951a); Thoracic cavity. Skryabin (1969a); Belem, Rio de Janeiro, Brazil. Thoracic muscles. Prod'hon and Bain (1972); Belem, Rio de Janeiro, Brazil, and Caiena, French Guiana. Baker (1987); Thorax wall. Huchzermeyer (2003); National Zoological Park, Washington, D.C., USA. Intestine. Host as *Caiman sclerops*. NPC (2010).
- 2) *Melanosuchus niger*. Host as *Champsia nigra*. Molin (1858) as *Filaria bacillaris*; Molin (1860) as

Filaria bacillaris; Lung. Host as *Jacare nigra*. Linstow (1878); Brazil. Travassos (1933c); Venezuela. Diaz Ungria (1968); Venezuela. Diaz Ungria and Gallardo (1968); Vicente and Jardim (1980); Venezuela. Baker (1987).

Oswaldofilaria kanbaya Manzanell 1986.

- 1) *Crocodylus porosus*. Maningrida, Northern Territory, Australia. Blood (microfilariae), connective tissue, and serous membranes of body cavity. Manzanell (1986); Connective tissue and serous membrane of body cavity. Huchzermeyer (2003); Northern Territory, Australia. NHM (2010).

Oswaldofilaria medemi Markinelle 1981.

- 1) *Paleosuchus trigonatus*. Colombia. Thoracic Wall. Markinelle (1981); Huchzermeyer (2003).

Oswaldofilaria versterae Bain, Kouyate and Baker 1982.

- 1) *Crocodylus niloticus*. Mkota Reserve, Rhodesia. Bain et al. (1982); Baker (1987); Huchzermeyer (2003).

SPIRURIA

ASCARIDIDA

ANISAKIDAE

Contracaecum sp. Railliet and Henry 1912.

- 1) *Alligator mississippiensis*. Lake Apopka, Lake Griffin, and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddle et al. (2009); Lake Apopka, Lake County, Florida, USA. Stomach. NPC (2010).

- 2) *Caiman yacare*. Paraguay. Stomach. Goldberg et al. (1991); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).
- 3) *Crocodylus moreletii*. Lagoon of Celestun Yucatan, Mexico. Two larva in mesentery. Moravec (2001); Mexico. Mesentery. Garcia-Reynoso (1991); Veracruz, Mexico. Stomach. CCNH (1997); Mexico. NHM (2010).
- 4) *Crocodylus rhombifer*. Cuba. Stomach. Groschaft and Barus (1970).
- 5) Unknown crocodylian. Larvae. EFSA (2007).

Contracaecum rudolphii Hartwich 1964.

- 1) *Crocodylus acutus*. Belize. Stomach. NPC (2010).

Goezia holmesi Sprent 1978b.

- 1) *Crocodylus porosus*. Liverpool River, Arnhem Land, Northern Australia. Stomach. Sprent (1978b); Arnhem Land and Gulf of Carpentia, Australia. Baker (1987); Huchzermeyer (2003); Northern Territory, Australia. NHM (2010).

Goezia gavialidis Maplestone 1930.

- 1) *Gavialis gangeticus*. Stomach. Maplestone (1930); Zoological Gardens, Calcutta, India. Stomach. Skryabin et al. (1969b); Zoological Gardens, Calcutta, India. Stomach. Zoological Gardens, Calcutta-India. Sood (1999); Sprent (1978b); Ganges River, India. Baker (1987); Huchzermeyer (2003); Zoological Gardens, Calcutta, India. NHM (2010).

Goezia lacerticola Deardorff and Overstreet 1979.

- 1) *Alligator mississippiensis*. South USA. NHM (2010); Lake Apopka and Orange County, Florida, USA. Stomach. NPC (2010).

Pseudoterranova sp. Mosgovoy 1950.

- 1) *Crocodylus acutus*. Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009).

Terranova sp. Leiper and Atkinson 1909.

- 1) Unknown crocodilian. Host as crocodile sp. Elkan (1977) as *Terranova* sp. and *Metangusticaecum braziliense*; Host as *Crocodylia*. Cooper and Jackson (1981).

Terranova crocodili (Taylor 1924) Hartwich 1957.

- 1) *Crocodylus acutus*. Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009); Belize. Stomach. NPC (2010).
- 2) *Crocodylus johnstoni*. Armidale, Queensland, Australia. Stomach. Baylis (1931) as *Porrocaecum crocodili*; Mozgovoy (1953); Australia. Stomach. Skryabin (1969c); Queensland, Australia. Sprent (1979b); Australia. Baker (1987); Huchzermeyer (2003).
- 3) *Crocodylus porosus*. Queensland, Australia. Sprent (1979b); Arnhem Land and Melville, Australia. Stomach. Taylor (1979); Queensland, Australia. Baker (1987); Palawan Island, Philippines. Stomach. Machida et al. (1992); Huchzermeyer (2003); Northern Australia and Philippines. NHM (2010).

- 4) Unknown crocodylian. Gold Coast, Africa. Stomach. Taylor (1924) as *Porrocaecum crocodili*; Skryabin et al. (1969c).

Terranova lanceolata (Molin 1860) Sprent 1979b.

- 1) *Alligator mississippiensis*. Rudolphi (1819) as *Physaloptera mucronata*; Georgia, USA. Stomach. Leidy (1856); Georgia, USA. Host as *Alligator lucius*. Diesing (1857); Molin (1860); Abdomen. Linstow (1878) as *Physaloptera mucronata*; Drasche (1883); Georgia. Stomach. Stossich (1896); Sprent (1979b).
- 2) *Crocodylus moreletii*. Rio Hondo, Chetumal, and Mexico. Stomach (via flushing). Author's unpublished data (2011).
- 3) *Melanosuchus niger*. Borbae, Brazil. Stomach. Host as *Champsia nigra*. Diesing (1850) as *Physaloptera mucronata*; Brazil. Stomach. Host as *Champsia nigra*. Diesing (1857) as *Physaloptera mucronata*; Natural History Museum of Vienna, Vienna, Austria. Stomach. Re-description of larger ascaridoids of Vial 7042. Molin (1860) as *Ascaris lanceolata*; Abdomen. Host as *Jacare nigra*. Linstow (1878) as *Ascaris lanceolata*; Drasche (1883) as *Ascaris lanceolata*; Brazil. Stomach. Host as *Caiman nigra* and *Champsia nigra*. Stossich (1896); Trombetas River, Brazil. Schuurmans-Stekhoven (1937) as *Metangusticaecum braziliense*; Mozgovoy (1951) as *Metangusticaecum braziliense*; Hartwich (1957) as *Terranova braziliensis*; Brazil. Stomach. Host as *Caiman niger*. Skryabin (1969c) as *Metangusticaecum braziliense*; Sprent (1978a) states possible synonymy with *Ortleppascaris alata* (Baylis 1947); Borba River and Trombetas River, Obidos, Brazil. Stomach. Sprent (1979b); Brazil. Baker (1987); Huchzermeyer (2003).

ASCARIDIDAE

Ascaris quadrata Linstow 1903 *dubium incertae sedis*.

- 1) *Crocodylus porosus*. Bolgoda. Stomach. Linstow (1903); Stomach. Skryabin et al. (1969c) as *Terranova quadrata*; Sri Lanka. Sprent (1979b); Sri Lanka. Baker (1987).

Brevimulticaecum australiensis (Baylis 1931) Sprent 1990.

- 1) *Crocodylus johnstoni*. Stomach. Baylis (1931); Stomach. Travassos (1933b) as *Dujardinia australiensis*; Australia. Baylis (1940) as *Dujardinascaris australiensis*; Australia. Stomach. Skryabin et al. (1969b); Northern Queensland. Stomach. Sprent (1978) as *Gedoelstascaris australiensis*; Queensland, Australia. Baker (1987) as *Gedoelstascaris australiensis*; Machida et al. (1992); Huchzermeyer (2003) as *Gedoelstascaris australiensis*.
- 2) *Crocodylus porosus*. Solomon Islands. Baylis (1947) as *Dujardinascaris australiensis* and *D. salomonis*; Solomon Islands. Stomach. Skryabin et al. (1969c); Arnhem Land and Queensland, Australia and Solomon Islands. Stomach. Sprent (1978b) as *Gedoelstascaris australiensis*; Arnhem Land and Melville, Australia. Stomach. Taylor (1979); Northern Australia and Solomon Islands. Baker (1987) as *Gedoelstascaris australiensis*; Palawan Island, Philippines. Stomach. Machida et al. (1992); Huchzermeyer (2003) as *Dujardinascaris salomonis* and *Gedoelstascaris australiensis*; Northern Territory, Australia and Philippines. NHM (2010).
- 3) Unknown crocodilian. Queensland, Australia, and Philippines. Host as *Crocodylus*. NHM (2010).

Brevimulticaecum baylisi (Travassos 1933b) Sprent 1979a.

- 1) *Alligator mississippiensis*. Texas, USA. Stomach. (Sprent 1979a); Baker (1987); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana, and Texas, USA. Scott (1999); Huchzermeyer (2003); Texas, and Southern USA. NHM (2010); Jefferson County, Texas, USA. Stomach. NPC (2010).
- 2) *Caiman crocodilus crocodilus*. Matto Grosso, Brazil. Stomach. Host as *Caiman sclerops*. Travassos (1933b) as *Multicaecum agile*; Brazil. Stomach. Host as *Caiman sclerops*. Skryabin (1951b); Rio Claro, Brazil and Barquisimeto, Venezuela. Stomach. Sprent (1979a); Stomach. Lago Amana, Brazil. Magnusson (1985) as *Multicaecum acuticauda*; Barquisimeto, Venezuela, and Mato Grosso and Sao Paulo, Brazil. Baker (1987); Huchzermeyer (2003).
- 3) *Caiman yacare*. Mato Grosso. Stomach. Host as *Caiman sclerops*. Travassos (1933a, b) as *Multicaecum baylisi*; Paraguay. Stomach. Goldberg et al. (1991); Patanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).
- 4) *Melanosuchus niger*. Brazil. Immature specimens. Host as *Champsia niger*. Schuurmans-Stekhoven (1937) as *Multicaecum acuticauda*; Host as *Caiman niger*. Skryabin et al. (1969b); Brazil. Stomach. Sprent (1979a); Brazil. Baker (1987); Huchzermeyer (2003).

Brevimulticaecum gibsoni Sprent 1979a.

- 1) *Melanosuchus niger*. Natural History Museum, Vienna, Vienna, Austria. Specimens from vial 7042. Host as *Champsia niger*. Described by Diesing (1851) as *Physaloptera mucronata*; Brazil. Lung. Diesing (1856) as *Physaloptera mucronata*; Abdomen. Linstow (1878) as *Physaloptera*

mucronata; Madiera River, Amazonas, Brazil. Stomach. (Sprent 1979a); Baker (1987); Huchzermeyer (2003).

Brevimulticaecum pinto Sprent 1979a.

- 1) *Caiman crocodilus crocodilus*. Oesophagus, Stomach. Artis Zoo, Amsterdam, Netherlands, and Rio Paraguay, Paraguay. Sprent (1979a); Artis Zoo, Amsterdam, Netherlands, and Rio Paraguay, Paraguay. Baker (1987); Huchzermeyer (2003).
- 2) *Caiman latirostris*. Sao Paulo, Brazil. Stomach. Pinto and Barbosa (1972) as *Multicaecum agile*; Oesophagus and stomach. Morro Agudo, Brazil. Sprent (1979a); Sao Paulo, Brazil. Baker (1987); Huchzermeyer (2003).

Brevimulticaecum stekhoveni (Baylis 1947) Sprent 1979b.

- 1) *Caiman crocodilus crocodilus*. Salebra and Porto Esperanca, Mato Grosso, Brazil. Stomach. (Sprent 1979b); Mato Grosso, Brazil. Baker (1987); Huchzermeyer (2003).
- 2) *Caiman yacare*. Paraguay. Stomach. Goldberg et al. (1991); Patanal, Brazil. Stomach. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).
- 3) *Melanosuchus niger*. Molin (1860) as *Ascaris helicina*; Brazil. Schuurmans-Stekhoven (1937) as *Multicaecum helicina*; Baylis (1947) as *Multicaecum stekhoveni*; Mozgovoy (1951) as *Multicaecum stekhoveni*; Skryabin et al. (1969b) as *Multicaecum stekhoveni*; Trombtas River and Matto Grosso, Brazil. Stomach. Sprent (1979a); Baker (1987); Huchzermeyer (2003).

Brevimulticaecum tenuicolle (Rudolphi 1819) Sprent 1979a.

- 1) *Alligator mississippiensis*. Stomach. Host as *A. mississippiensis* and *Crocodyli lucii* junioris. Rudolphi (1819) as *Ascaris tenuicollis*; Stomach. Host as *Champsia lucius*. Diesing (1851); Intestine and stomach. Leidy (1856) as *Ascaris tenuicollis*; Leidy (1886) as *Ascaris tenuicollis*; Abdomen and intestine. Linstow (1878) as *Ascaris tenuicollis*; Intestine and stomach. Host as *A. mississippiensis* and *Champsia lucius*. Stossich (1896) as *Ascaris tenuicollis*; Intestine. Walton (1927) as *Multicaecum tenuicolle*; Walton (1937) as *Multicaecum tenuicolle*; Hartwich (1964) as *Multicaecum tenuicolle*; Skrjabin et al. (1969a) as *Multicaecum tenuicolle*; South Carolina. Small intestine and stomach. Hazen et al. (1978) as *Multicaecum tenuicolle*; Florida and Louisiana, USA. Stomach. Sprent (1979a); South Carolina. Jacobson (1984) as *Dujardinascaris* sp.; North-central Florida, USA. Stomach. Delaney and Ambercrombie (1986); Baker (1987); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana, and Texas, USA. Scott (1999); Lake Griffin, Florida, USA. Intestine. Schoeb et al. (2002); Huchzermeyer (2003); Lake Apopka, Lake Griffin, and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddles et al. (2009); Texas, and Southern USA. NHM (2010); College Station, Jefferson County, and Victoria County, Texas, and Alachua County, Everglades National Park, Kissimmee, Florida, and Lake Apopka, Lake County, Florida, and Par Pond, Aiken, South Carolina, USA. Stomach. NPC (2010) as *B. tenuicolle*, *Ascaris tenuicollis*, and *Multicaecum tenuicolle*.
- 2) *Caiman crocodilus crocodilus*. Stomach. Host as *Champsia sclerops*. Diesing (1851) as *Ascaris tenuicollis*; Intestine. Host as *Jacare sclerops*. Linstow (1878); Intestine and stomach. Host as *Champsia sclerops* and *Caiman sclerops*. Stossich (1896).

- 3) *Melanosuchus niger*. Brazil. Host as *Champsia sclerops*. Diesing (1851); Abdomen. Host as *Jacare nigra*. Linstow (1878) as *Ascaris tenuicollis*; Intestine and stomach. Host as *Caiman nigra* and *Champsia nigra*. Stossich (1896) as *Ascaris tenuicollis*.
- 4) Unknown crocodilian. Intestines. Debyser and Zwart (1991) as *Multicaecum tenuicollis*.

Brevimulticaecum vandenbrandeni (Baylis 1929) Sprent 1979a.

- 1) *Crocodylus niloticus*. Democratic Republic of the Congo. Intestine. Baylis (1929) as *Dujardinia vandenbrandeni*; Stomach. Baylis (1940) as *Dujardinia vandenbrandeni*; Africa. Baylis (1947) as *Dujardinascaris vandenbrandeni*; Democratic Republic of the Congo. Intestine. Skryabin et al. (1969b) as *Dujardinascaris vandenbrandeni*; Angola, and Boma, Democratic Republic of the Congo, and Zambia. Intestine and stomach. Sprent (1978b) as *Gedoelestascaris vandenbrandeni*; Angola, and Boma, Democratic Republic of the Congo, and Zambia. Baker (1987) as *Gedoelestascaris vandenbrandeni*; Central Africa. Canaris and Gardner (2003); Huchzermeyer (2003) as *Gedoelestascaris vandenbrandeni*; Okavango River, Botswana. Stomach. Junker et al. (2006a) as *Gedoelestascaris vandenbrandeni*.
- 2) *Mecistops cataphractus*. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1929) as *Dujardinia vandenbrandei*; Republic of the Congo. Host as *Crocodylus cataphractus*. Stomach. Travassos (1933a) as *Dujardinia vandenbrandeni*; Host as *Crocodylus cataphractus*. Baylis (1947) as *Dujardinascaris vandenbrandeni*; Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Skryabin (1951b) as *Dujardinascaris vandenbrandeni*; Angola, and Boma, Democratic Republic of the Congo, and Zambia. Host as *Crocodylus cataphractus*. Duodenum and stomach. Sprent (1978a); Central Africa. Host as *Crocodylus cataphractus*. Canaris and Gardner (2003); Republic of the Congo.

Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*.

Huchzermeyer (2003).

3) Unknown crocodylian. Host as *Crocodylus*. NHM (2010).

Dujardinascaris sp. Baylis 1947.

1) *Alligator mississippiensis*. Florida, USA. NHM (2010); Florida, USA. Intestine. NPC (2010) as *Dujardinia* sp.

2) *Crocodylus acutus*. National Zoo Park, Washington D.C., USA. Host as *Crocodylus americanus*. NPC (2010) as *Dujardinia* sp.

3) *Crocodylus niloticus*. Zimbabwe. Foggin (1987).

4) Unknown crocodylian. Host as *Crocodylia*. Cooper and Jackson (1981); Africa. Canaris and Gardner (2003); Panama, and San Diego Zoo, San Diego, California, USA. Stomach. Host as *Crocodylus* and *Caiman*. NPC (2010) as *Dujardinia* spp.

Dujardinascaris angusae Sprent, McKeown, and Cremin 1998.

1) *Crocodylus porosus*. Papua New Guinea. Stomach. Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Dujardinascaris asymmetrica (Ortlepp 1932) Sprent 1983.

1) Unknown crocodylian. Central Africa. Stomach. Ortlepp (1932) as *Porrocaecum asymmetricum*.

Dujardinascaris blairi Sprent, McKeown and Cremin 1998.

- 1) *Crocodylus johnstoni*. Lynd River, North Queensland, Australia. Stomach. Sprent et al. (1998); Huchzermeyer (2003).

Dujardinascaris chabaudi Diaz-Ungria and Gallardo 1968.

- 1) *Caiman crocodilus crocodilus*. Barquisimeto, Lara State, Venezuela. Stomach. Host as *Caiman sclerops*. Diaz-Ungria and Gallardo (1968); Barquisimeto, Venezuela. Stomach. Sprent (1977); Huchzermeyer (2003) as *Crocodylus johnsoni* as host.
- 2) *Caiman yacare*. Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000).

Dujardinascaris dujardini (Travassos 1920) Baylis 1947.

- 1) *Crocodylus niloticus*. Democratic Republic of the Congo. Stomach. Host as *Crocodylus niloticus*. Geodoelst (1916) as *Ascaris helicina* (in part); Travassos (1920) as *Dujardinia dujardini*; Africa. Stomach. Host as *Crocodylus vulgaris*. Baylis (1923) as *Dujardinia helicina*; Yorke and Maplestone (1926) as *Dujardinia helicina*; Stomach. Baylis (1940) as *Dujardinia helicina*; Africa. Baylis (1947); Lake Tanganyika, Democratic Republic of the Congo, and Rhodesia. Intestine and stomach. Skryabin et al. (1969b); Democratic Republic of the Congo and Zambia. Baker (1987); Huchzermeyer (2003); Okavango River, Botswana. Stomach. Junker et al. (2006a); Abu Hamed, Sudan. Stomach. NPC (2010) as *Dujardinia helicina*.
- 2) *Crocodylus porosus*. Port Canning, Gangetic Delta, India. Stomach. Baylis and Daubney (1921); India. Stomach. Baylis (1923) as *Dujardinia helicina*; India. Stomach. Travassos (1933b) as *Dujardinascaris baylisi*; India. Baylis (1947); India. Intestine and stomach. Skryabin et al.

- (1969b); Stomach. Arnhem Land, Northern Australia. Sprent (1977); Port Canning, Ganges Delta, India. Stomach. Sood (1999) as *Dujardinascaris helicina*; India. Huchzermeyer (2003); India. NHM (2010) as *Dujardinascaris helicina*.
- 3) *Mecistops cataphractus*. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1929) as *Dujardinia helicina*; Republic of the Congo. Host as *Crocodylus cataphractus*. Stomach. Baylis (1940) as *Dujardinia helicina*; Africa. Host as *Crocodylus cataphractus*. Baylis (1947); Lake Tanganyika, Democratic Republic of the Congo, and Rhodesia. Host as *Crocodylus cataphractus*. Intestine and stomach. Skryabin (1951b).
- 4) Unknown crocodylian. Democratic Republic of the Congo. Stomach. Host as *Crocodylus* sp. Travassos (1933b).

Dujardinascaris gedoelsti Sprent 1977.

- 1) *Crocodylus niloticus*. Democratic Republic of the Congo. Stomach. Host as *Crocodylus niloticus*. Gedoelst (1916) as *Ascaris helicina* (in part); Democratic Republic of the Congo. Intestine and stomach. Sprent (1977); Congo. Baker (1987).

Dujardinascaris harrisae Sprent, McKeown, and Cremin 1998.

- 1) *Crocodylus novaeguineae*. Papua New Guinea. Stomach. Some specimens of Sprent (1977) as *Dujardinascaris taylorae*; Papua New Guinea. Stomach. Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).
- 2) *Crocodylus porosus*. Papua New Guinea. Stomach. Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Dujardinascaris helicina (Molin 1860) Baylis 1947.

- 1) *Alligator mississippiensis*. Molin (1860) as *Ascaris helicina*; Intestine and stomach. Some specimens of Leidy (1858) as *Ascaris tenuicollis*; Walton (1927) as *Dujardinia helicina*; Travassos (1933a); Silver Springs, Florida, USA. Feces. Reiber et al. (1940); Baylis (1947); Florida, USA. Intestine and stomach. Skryabin et al. (1969b).
- 2) *Caiman crocodilus crocodilus*. Intestine and stomach. Host as *Caiman sclerops*. Skryabin (1951b).
- 3) *Crocodylus acutus*. Natural History Museum of Vienna, Vienna, Austria. Molin (1860) re-described specimen as *Ascaris helicina*; Abdomen. Linstow (1878) as *Ascaris helicina*; Ventricle. Stossich (1896); Geodoelst (1916); Stomach. Baylis (1923) as *Dujardinia helicina*; Santa Clara, Cuba. Stomach. Perez Viguera (1937); Baylis (1947); El Salvador. Stomach. Herber (1961) as *Dujardinia helicina*; Intestine and stomach. Skryabin (1951b); Laguna del Tesoro, Cuba. Stomach. Groschaft and Barus (1970); Artis Zoo, Amsterdam, Netherlands, and San Diego Zoo, San Diego, California, USA. Stomach. Sprent (1977); Artis Zoo, Amsterdam, Netherlands, and Cuba, and San Diego Zoo, San Diego, California, USA. Baker (1987); Huchzermeyer (2003); Veracruz, Mexico. Stomach and rectum. CCNH (1997); Quintana Roo, Mexico. Stomach (via flushing). Villegas and Gonzalez-Solis (2009); Santa Clara, Mexico. Stomach. NHM (2010); Belize, El Salvador, and San Diego Zoo, San Diego, California, USA. Gastric mucosa and stomach. NPC (2010) as *Dujardinascaris helicinum* and *Dujardinia helicina*; Puerto Arista, Chiapas, Mexico. Stomach (via flushing). Author's unpublished data (2011).
- 4) *Crocodylus moreletii*. Lagoon of Celestun Yucatan, Mexico. Stomach. Moravec (2001); Quintana Roo, Mexico. Stomach. Villegas and Gonzalez-Solis (2009); Mexico. NHM (2010); Belize. Stomach. NPC (2010) as *Dujardinascaris helicinum*.

- 5) *Crocodylus rhombifer*. Cuba. Stomach. Groschaft and Barus (1970); Cuba. Baker (1987).
- 6) Unknown crocodylian. Intestine. Host as *Crocodylus* sp. Skryabin (1914) as *Trispiculascaris helicina*; Intestine and stomach. Host as crocodile. Skryabin et al. (1969b); Host as crocodile sp. Elkan (1977).

Dujardinascaris longispicula (Travassos 1933b) Baylis 1947.

- 1) *Caiman crocodilus crocodilus*. Stomach. Rio S. Laurencó, Brazil. Host as *Caiman sclerops*. Travassos (1933b) as *Dujardinia longispicula*; Brazil. Baylis (1947); Barquisimeto, Lara State, Venezuela. Esophagus. Host as *Caiman sclerops*. Diaz-Ungria (1967); Barquisimeto, Lara State, Venezuela. Esophagus. Host as *Caiman sclerops*. Diaz-Ungria (1968); Barquisimeto, Lara State, Venezuela. Esophagus. Host as *Caiman sclerops*. Diaz-Ungria and Gallardo (1968); Skryabin (1951b); Rio S. Laurencó, Brazil, and Barquisimeto, Venezuela. Stomach. Sprent (1977); Rio S. Laurencó, Brazil, and Barquisimeto, Venezuela. Baker (1987); Huchzermeyer (2003).
- 2) *Caiman yacare*. Mato Grosso, Brazil. Stomach. Host as *Caiman sclerops*. Travassos (1933a, b); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Stomach. Catto (2000).
- 3) Unknown crocodylian. Host as crocodile sp. Elkan (1977).

Dujardinascaris madagascariensis Chabaud and Caballero 1966.

- 1) *Crocodylus niloticus*. Stomach. Chabaud and Caballero (1966) as *D. dujardini madagascariensis*; Mairigodo, Madagascar. Stomach. Sprent (1977); Angola, and Democratic Republic of the Congo,

and Madagascar, and Northern Rhodesia. Baker (1987); Huchzermeyer (2003); Okavango River, Botswana. Stomach. Junker et al. (2006a); Abu Hamed, Sudan. Stomach. NPC (2010) as *Dujardinia madagascariensis*.

- 2) *Mecistops cataphractus*. Angola and Zaire. Host as *Crocodylus cataphractus*. Stomach. Sprent (1977); Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Dujardinascaris mawsonae Sprent McKeown and Cremin 1998.

- 1) *Crocodylus johnstoni*. Stomach. Arnhem Land and Herbert River, Northern Australia. Stomach. Possibly found in this host. Sprent (1977); Queensland, Australia. Possibly found in this host. Baker (1987); Possibly found in this host. Huchzermeyer (2003).
- 2) *Crocodylus novaeguineae*. Lake Murray and Central Province, Papua New Guinea. Stomach. Sprent (1977); Papua New Guinea. Stomach and pyloric wall. Ladds and Sims (1990) as *Gedoelstascaris mawsonae*; (2003); Papua New Guinea. NHM (2010).
- 3) *Crocodylus porosus*. Arnhem land, Australia. Stomach. Sprent (1977); Queensland, Australia. Baker (1987); Gulf of Papua and Sebik River, Papua New Guinea. Pyloric wall. Ladds and Sims (1990) as *Gedoelstascaris mawsoni*; Melville Island, Australia. Sprent et al. (1998); Huchzermeyer (2003); Northern Territory, Australia and Papua New Guinea. NHM (2010).
- 4) Unknown crocodilian. Papua New Guinea. Stomach and pyloric wall. Ladds and Sims (1990) as *Gedoelstascaris mawsonae*.

Dujardinascaris paulista (Travassos 1933b) Baylis 1947.

- 1) *Caiman crocodilus crocodilus*. Stomach. Rio Claro, Brazil. Host as *Caiman sclerops*. Travassos (1933b) as *Dujardinia paulista*; Stomach. Rio Claro, Brazil. Host as *Caiman sclerops*. Travassos (1933a) as *Dujardinia paulista*; Brazil. Baylis (1947); Brazil. Skryabin (1951b); Rio Claro, Brazil. Stomach. Sprent (1977); Rio Claro, Brazil, and Venezuela. Baker (1987); Huchzermeyer (2003).
- 2) *Caiman yacare*. Paraguay. Stomach. Goldberg et al. (1991); Patanal, Brazil. Intestines. Host as *Caiman crocodilus yacare*. Catto and Amato (1994a); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).

Dujardinascaris petterae Sprent, McKeown and Cremin 1998.

- 1) *Osteolaemus tetraspis*. Ouenze and Impfondo, Republic of the Congo. Stomach. Sprent et al. (1998); Huchzermeyer (2003).

Dujardinascaris philippinensis Machida, Araki, Regoniel, Pontillas, and Kurata 1992.

- 1) *Crocodylus porosus*. Palawan Islands, Philippines. Stomach. Machida et al. (1992); Huchzermeyer (2003); Philippines. NHM (2010).

Dujardinascaris puylaerti Sprent 1977.

- 1) *Crocodylus niloticus* Boma, Democratic Republic of the Congo, and Zambia. Stomach. Sprent (1977); Republic of the Congo. Stomach. Graber (1981); Democratic Republic of the Congo, and Republic of the Congo, and Zambia. Baker (1987); Huchzermeyer (2003).

Dujardinascaris tasmani (Ortlepp 1932) Baylis 1947.

- 1) *Mecistops cataphractus*. Irumu and Ituri, Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1940) as *Dujardinia tasmani*; Africa. Host as *Crocodylus cataphractus*. Baylis (1947); Democratic Republic of the Congo, and South Rhodesia. Host as *Crocodylus cataphractus*. Intestine and stomach. Skryabin (1951b).
- 2) Unknown crocodilian. Kutama, South Rhodesia. Stomach. Ortlepp (1932) as *Dujardinia tasmani*; Baylis (1947); South Rhodesia. Stomach. Host as *Crocodylus* sp. Travassos (1933b); Democratic Republic of the Congo, and South Rhodesia. Intestine and stomach. Host as *Crocodylus* sp. Skryabin et al. (1969b).

Dujardinascaris taylorae Sprent 1977.

- 1) *Crocodylus novaeguineae*. Papua New Guinea. Stomach. Sprent (1977); Huchzermeyer (2003).
- 2) *Crocodylus porosus*. Arnhem, Australia. Stomach. Sprent (1977); Arnhem Land and Melville, Australia. Stomach. Taylor (1979); Arnhem Land, Australia. Baker (1987); Huchzermeyer (2003); Northern Territory, Australia. NHM (2010).

Dujardinascaris waltoni Sprent 1977.

- 1) *Alligator mississippiensis*. Leidy Collection, University of Pennsylvania, Pennsylvania, USA. Intestine. Walton (1927) as *Dujardinascaris helicina*; Intestine and stomach. Victoria County, Texas, USA. Sprent (1977); Small intestine and stomach. South Carolina. Hazen et al. (1978); Texas, Florida, Louisiana, and South Florida, USA. Stomach. Cherry and Ager (1982); Jacobson (1984); Northcentral Florida, USA. Stomach. Delaney and Ambercrombie (1986); Baker (1987); Duval, St. Johns, Alachua, Marion Citrus and Lake Counties, Florida, USA. Stomach. Smith and

- Robertson (1988); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Gastrointestinal tract, heart, kidneys, and liver. Scott (1996); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003) as *D. waltonae*; Grand Chenier, Louisiana, USA. Stomach. Gabrey et al. (2008); Lake Apopka, Lake Griffin, and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddles et al. (2009); Texas, and Southern USA. NHM (2010); Alachua County, Lake Apopka, Lake County and Ross Allen Reptile Farm, Florida, and New York Aquarium, New York, New York, and Par Pond, Aiken, South Carolina, and Jefferson and Victoria Counties, Texas, USA. Intestine and stomach. NPC (2010).
- 2) *Crocodylus acutus*. La Libertad, El Salvador, and San Diego Zoo, San Diego, California, USA. Stomach. NPC as *Dujardinia helicina* (2010).
- 3) Unknown crocodylian. Stomach. Debyser and Zwart (1991).

Dujardinascaris westonae Sprent, McKeown, and Cremin 1998.

- 1) *Crocodylus porosus*. Papua New Guinea. Stomach. Sprent et al. (1998); Huchzermeyer (2003); Papua New Guinea. NHM (2010).

Dujardinascaris woodlandi (Baylis 1923) Baylis 1947.

- 1) *Gavial gangeticus*. India. Stomach. Baylis (1923) as *Dujardinia woodlandi*; York and Maplestone (1926); India. Stomach. Travassos (1933b) as *Dujardinia woodlandi*; India. Stomach. Baylis (1947); USSR. Intestine. Skryabin et al. (1969b); Ganges River, India. Stomach. Sprent (1977); Ganges River, India. Baker (1987); Sood (1999); Huchzermeyer (2003); NHM (2010).

Gedoelstascaris sp. Sprent 1978.

- 1) Unknown crocodilian. Ladds (2003).

Gedoelstascaris lacerticola Deardorff and Overstreet 1979.

- 1) *Alligator mississippiensis*. Lake Apopka, Florida, USA. Stomach. Deardorff and Overstreet (1979); Baker (1987); Huchzermeyer (2003).

Gedoelstascaris vandenbrandei (Baylis 1929) Sprent 1978a.

- 1) *Mecistops cataphractus*. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1929) as *Dujardinia vandenbrandei*; Republic of the Congo. Host as *Crocodylus cataphractus*. Stomach. Travassos (1933a) as *Dujardinia vandenbrandeni*; Host as *Crocodylus cataphractus*. Baylis (1947) as *Dujardinascaris vandenbrandeni*; Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Skryabin (1951b) as *Dujardinascaris vandenbrandeni*; Angola, and Boma, Democratic Republic of the Congo, and Zambia. Host as *Crocodylus cataphractus*. Duodenum and stomach. Sprent (1978a); Central Africa. Host as *Crocodylus cataphractus*. Canaris and Gardner (2003); Republic of the Congo. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Hartwichia sp. Chabaud and Bain 1966.

- 1) Unknown crocodilian. Host as *Crocodylia*. Cooper and Jackson (1981).

Hartwichia rousseloti Chabaud and Bain 1966.

- 1) *Crocodylus niloticus*. Republic of the Congo. Stomach. Sprent (1983); Republic of the Congo. Baker (1987); Huchzermeyer (2003).
- 2) *Mecistops cataphractus*. Republic of the Congo. Host as *Crocodylus cataphractus*. Stomach. Graber (1981); Republic of the Congo. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

Multicaecum sp. Baylis 1923.

- 1) *Caiman crocodilus crocodilus*. Cornell University, New York, USA. Stomach (identified via vomit). NPC (2010).
- 2) *Gavial gangeticus*. Stomach. Maplestone (1930); Sood (1999).
- 3) Unknown crocodylian. Host as crocodile sp. Elkan (1977); Host as *Crocodylia*. Cooper and Jackson (1981).

Multicaecum agile (Wedl 1861) Baylis 1923.

- 1) *Caiman latirostris*. Morro Agudo, and Sao Paulo, Brazil. Stomach. Pinto and Barbosa (1972).
- 2) *Crocodylus johnstoni*. Queensland, Australia. Stomach. Sprent (1979a); Queensland, Australia. Baker (1987); Huchzermeyer (2003).
- 3) *Crocodylus niloticus*. Egypt. Stomach. Host as *Crocodylus vulgaris*. Wedl (1861) as *Ascaris agilis*; Host as *Crocodylus vulgaris*. Linstow (1878) as *Ascaris agile*; Egypt. Stomach. Host as *Crocodylus vulgaris*. Stossich (1861) as *Ascaris agilis*; Intestine and stomach. Baylis (1923); Democratic Republic of the Congo. Intestine. Baylis (1929); Southern Rhodesia. Stomach. Ortlepp (1932); Africa. Stomach. Travassos (1933b); Stomach. Baylis (1940); Africa. Intestine

- and stomach. Skryabin et al. (1969b); Egypt. Stomach. Sprent (1977); Egypt. Stomach. Sprent (1979a); White Nile River, Egypt, and Republic of the Congo, and Zambia, and Zimbabwe. Baker (1987); Huchzermeyer (2003); Okavango River, Botswana. Stomach. Junker et al. (2006a).
- 4) *Crocodylus palustris*. Jullundur, India. Stomach tumor. Bhalero (1934); Africa. Intestine and stomach. Skryabin et al. (1969b); Punjab, India. Stomach. Sprent (1979a); Jullundur, India. Stomach. Sood (1999); Huchzermeyer (2003); India. NHM (2010).
- 5) *Gavial gangeticus*. Intestine. Maplestone (1930) as *Polycaecum gangeticum*; Beas River, Punjab, India. Host as *Crocodylia gavals*. Northcott (1933); India. Intestine. Travassos (1933a) as *Multicaecum gangeticum*; Calcutta, India. Intestine and stomach. Host as *Crocodylus gavialis*. Skryabin et al. (1969b) as *M. agile* and *Polycaecum gangeticum*; Punjab, India. Stomach. Sprent (1979a); India. Baker (1987) as *M. agile* and *Polycaecum gangeticum*; Huchzermeyer (2003); Zoological Gardens, Calcutta, India. NHM (2010).
- 6) *Mecistops cataphractus*. Democratic Republic of the Congo. Host as *Crocodylus cataphractus*. Intestine. Baylis (1929); Africa. Host as *Crocodylus cataphractus*. Intestine and stomach. Skryabin et al. (1951b); Republic of the Congo, and Zambia, and Zimbabwe. Host as *Crocodylus cataphractus*. Stomach. Sprent (1979); Republic of the Congo, and Zambia, and Zimbabwe. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).
- 7) *Osteolaemus tetraspis*. Democratic Republic of the Congo. Stomach. Graber (1981); Republic of the Congo. Baker (1987); Huchzermeyer (2003).
- 8) Unknown crocodylian. Host as crocodile sp. Elkan (1977) as *Polycaecum gangeticum*.

Orneoascaris chrysanthemoides Skrjabin 1916.

- 1) *Crocodylus niloticus*. East, West, and Central Africa. Intestine and stomach. Sprent (1985).

Ortleppascaris alata (Baylis 1947) Sprent 1978a.

- 1) *Caiman crocodilus crocodilus*. Stomach. Trinidad. Baylis (1947) as *Dujardinascaris alata*; Skryabin et al. (1969) as *Dujardinascaris alata*; Brazil. Body cavity and stomach. Sprent (1978a); Trinidad and Venezuela. Baker (1987); Huchzermeyer (2003).
- 2) *Caiman yacare*. Paraguay. Stomach. Goldberg et al. (1991); Pantanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Intestine. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).
- 3) *Crocodylus intermedius*. Venezuela. Body cavity and stomach. Sprent (1978a); Baker (1987); Venezuela. Stomach. Moravec and Kaiser (1995); Huchzermeyer (2003).
- 4) *Crocodylus rhombifer*. Moravec and Kaiser (1995). Stomach.
- 5) *Melanosuchus niger*. Brazil. Body cavity and stomach. Sprent (1978a); Huchzermeyer (2003).
- 6) Unknown crocodylian. Eastern India. Stomach. Host as *Caiman* sp. Skryabin (1951) as *Dujardinascaris alata*; Host as *Caiman* sp. Skryabin et al. (1969b) as *Dujardinascaris alata*; National Zoological Park, Washington, D.C., USA. Host as *Caiman*. NPC (2010).

Ortleppascaris antipini (Mozgovoy 1950) Sprent 1978a.

- 1) *Alligator mississippiensis*. Possible specimens from Walton (1927) as *Dujardinia helicina*; Mozgovoy (1950); Florida and Louisiana, USA. Intestine. Sprent (1978a); Southwest Louisiana and Texas, USA. Scott (1999); Huchzermeyer (2003); Lake Apopka, Lake Griffin and Lake Woodruff, Florida, USA. Stomach (via flushing). Waddle et al. (2009); Lake Griffin, Lake

County, Florida, and New York Park Zoo, New York, New York, USA. Intestine and stomach. NPC (2010).

- 2) *Crocodylus moreletii*. Mexico. Intestine. Mexico. Garcia-Reynoso (1991) as *Dujardinascaris antipini*; Veracruz, Mexico. Stomach. CCNH (1997) as *Dujardinascaris antipini*; Mexico. NHM (2010) as *Dujardinascaris antipini*.
- 3) *Crocodylus rhombifer*. Cuba. Small intestine. Groscaft and Barus (1970) as *Dujardinascaris antipini*; Cuba. Baker (1987).
- 4) Unknown crocodylian. USSR. Digestive tract. Host as *Crocodylus* sp. Skryabin et al. (1969b) as *Dujardinascaris antipini*; Zoological Garden, Yaroslavl, USSR. Intestine. Host as *Crocodylus* sp. Sprent (1978a).

Orleppascaris nigra (Geddoelst 1916) Sprent 1978a.

- 1) *Crocodylus niloticus*. Democratic Republic of the Congo. Stomach. Geddoelst (1916) as *Ascaris nigra*; Democratic Republic of the Congo. Stomach. Baylis (1923) as *Dujardinia nigra*; Yorke and Maplestone (1926) as *Dujardinia nigra*; Southern Rhodesia. Stomach. Ortlepp (1932) as *Dujardinia tasmani*; Democratic Republic of the Congo. Intestine. Baylis (1940) as *Dujardinia tasmani*; Africa. Baylis (1947) as *Dujardinascaris tasmani*; Democratic Republic of the Congo and South Rhodesia. Intestine and stomach. Skryabin et al. (1969b); Democratic Republic of the Congo and Kutama, Makwiro, Rhodesia. Intestine and stomach. Sprent (1978a); Democratic Republic of the Congo. Stomach. Graber (1981); Angola, and Democratic Republic of the Congo, and Zimbabwe. Baker (1987); Huchzermeyer (2003).
- 2) *Mecistops cataphractus*. Democratic Republic of the Congo and Rhodesia. Host as *Crocodylus cataphractus*. Intestine and stomach. Sprent (1978a); Angola, and Democratic Republic of the

Congo, and Zimbabwe. Host as *Crocodylus cataphractus*. Baker (1987); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).

- 3) *Osteolaemus tetraspis*. Democratic Republic of the Congo. Stomach. Graber (1981); Republic of the Congo. Baker (1987); Huchzermeyer (2003).
- 4) Unknown crocodylian. Democratic Republic of the Congo. Stomach. Host as *Crocodylus* sp. Travassos (1933b); Democratic Republic of the Congo. Stomach. Host as *Crocodylus* sp. Skryabin et al. (1969b) as *Dujardinascaris nigra*.

Porrocaecum sp. Raillet and Henry 1912.

- 1) *Paleosuchus trigonatus*. Madre de Dios, Peru. Stomach. NPC (2010).

Trispiculascaris asymmetrica (Ortlepp 1932) Sprent 1983.

- 1) *Crocodylus niloticus*. Southern Rhodesia. Stomach. Ortlepp (1932) *Porrocaecum asymmetricum*; Central Africa. Stomach. Sprent (1983); Central Africa. Baker (1987); Huchzermeyer (2003).
- 2) Unknown crocodylian. Central Africa. Host as crocodile species. Canaris and Gardner (2003) as *Porrocaecum asymmetricum*.

Trispiculascaris trispiculascaris Travassos 1920.

- 1) *Caiman crocodylus crocodylus*. Panama. Intestine. Host as *Caiman sclerops*. NPC (2010).
- 2) *Caiman crocodylus fuscus*. Panama. Intestine. NPC (2010).
- 3) *Crocodylus niloticus*. East Africa. Stomach. Sprent (1983); East Africa. Baker (1987); Huchzermeyer (2003).

- 4) Unknown crocodylian. Travassos (1920); East Africa. Digestive tract. Host as crocodile. Mozgovoy (1953); Host as crocodiles. Elkan (1977); Africa. Canaris and Gardner (2003).

Typhlophorus sp. Linstow 1906.

- 1) Unknown crocodylian. Host as *Crocodylia*. Cooper and Jackson (1981).

Typhlophorus lammellaris Linstow 1906.

- 1) *Gavial gangeticus*. Zoological Gardens, Calcutta, India. Stomach. Linstow (1906); Maplestone (1930); Zoological Gardens, Calcutta, India. Intestine. Skryabin et al. (1969b); Zoological Gardens, Calcutta, India. Stomach. Sprent (1983); Baker (1987); Zoological Gardens, Calcutta, India. Sood (1999); Zoological Gardens, Calcutta, India. Stomach. Sprent (1999); Huchzermeyer (2003); Gairhe (2007); Collection of the Zoological Survey of India (2010); Zoological Gardens, Calcutta, India. NHM (2010).

Typhlophorus spratti Sprent 1999.

- 1) *Crocodylus johnstoni*. New Queensland, Australia. Stomach. Sprent (1999); Huchzermeyer (2003).
- 2) *Crocodylus porosus*. Noonamah Crocodile Farm, Darwin, Australia. Stomach. Sprent (1999); Northern Territory, Australia. NHM (2010).

QUIMPERIIDAE

Gendria sp. Baylis 1930.

- 1) *Crocodylus niloticus*. Stomach. Baylis (1940).

TOXOCARIDAE

Toxocara mystax (Zeder 1800) Stiles and Brown 1924.

- 1) *Melanosuchus niger*. Intestine and stomach. Host as *Caiman nigra* and *Champsia nigra*. Stossich (1896) as *Ascaris mystax*.

UNKNOWN

Unidentified ascarids.

- 1) *Alligator mississippiensis*. New York Aquarium and New York Zoo, New York, New York, and U.S. Marine Hospital, Wilmington, North Carolina, USA. Intestine, stomach, and trachea. NPC (2010).
- 2) *Caiman crocodilus chiapsius*. Puerto Arista, Chiapas, Mexico. Stomach (via flushing). Author's unpublished data (2011).
- 3) *Crocodylus acutus*. National Zoological Park, Washington, D.C., USA. Intestine. NPC (2010).
- 4) *Crocodylus johnstoni*. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach wall. Buenviaje et al. (1991).
- 5) *Crocodylus porosus*. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Stomach wall. Buenviaje et al. (1991).
- 6) *Mecistops cataphractus*. Graber (1981) states that parasites from the order Ascaridida are found in this species of crocodile but does not specify which parasite species. *Osteolaemus tetraspis*. Graber (1981).
- 7) Unknown crocodylian. Lourenco Marques, Mozambique. Stomach. Host as *Crocodylus*. NPC (2010).

CAMALLANIDA

MICROPLEUDIDAE

Micropleura sp. Linstow 1906.

- 1) *Caiman crocodilus crocodilus*. Host as *Caiman sclerops*. Travassos (1940); National Zoological Park, Washington D.C., USA. Connective tissue of liver. Host as *Caiman sclerops*. NPC (2010) as *M. ascariforme* and *M. accariforme*.
- 2) *Crocodylus moreletii*. Lagoon of Celestun Yucatan, Mexico. Body cavity. Moravec (2001); Mexico. NHM (2010).
- 3) *Crocodylus novaeguineae*. Lae, Papua New Guinea. Abdominal cavity and lungs. Ladds and Sims (1990); Irian Jaya. Ladds et al. (1995).
- 4) *Crocodylus niloticus*. Stomach. Baylis (1940).
- 5) *Crocodylus porosus*. Gulf of Papua and Sebik River, Papua New Guinea. Abdominal cavity. Ladds and Sims (1990).
- 6) Unknown crocodylian. Ladds (2003).

Micropleura australiensis Moravec, Kay and Hobbs 2004.

- 1) *Crocodylus johnstoni*. Ord River, Australia. Peritoneal cavity. Moravec et al. (2004); Ord River, Australia. Peritoneal cavity. Moravec et al. (2006).

Micropleura helicospicula Dey Sarkar 2003.

- 1) *Crocodylus palustris*. Mundeswari Bhagwanpur, India. Intestine. Dey Sarkar (2003); India. NHM (2010).

Micropleura vazi Travassos 1933c.

- 1) *Caiman crocodilus crocodilus*. Abdominal. Rio de Janeiro, Mato Grosso, Rio Claro, Brazil. Host as *Caiman sclerops*. Travassos (1933c); Elkan (1977); Rio de Janeiro and Mato Grosso, Brazil. Vicente and Jardim (1980); Mato Grosso and Rio de Janeiro, Brazil. Baker (1987); Abdominal cavity. Huchzermeyer (2003); Panama. Body cavity. Host as *Caiman sclerops*. NPC (2010).
- 2) *Caiman yacare*. Mato Grosso, Brazil. Stomach. Host as *Caiman sclerops*. Travassos (1933c); Paraguay. Stomach. Goldberg et al. (1991); Patanal, Brazil. Host as *Caiman crocodilus yacare*. Catto and Amato (1994b); Abdomen. Catto (2000); Paraguay. Stomach. Host as *Caiman crocodilus yacare*. NPC (2010).
- 3) *Crocodylus acutus*. San Diego Zoo, San Diego, California, USA. Body cavity. NPC (2010).

Micropleura vivipara Linstow 1906.

- 1) *Crocodylus niloticus*. Zimbabwe. Abdominal cavity. Foggin (1987); Lourenco Marques, Mozambique. Abdominal cavity. NPC (2010).
- 2) *Crocodylus porosus*. Zoological Gardens, Calcutta, India. Mesentery. Linstow (1906); Zoological Gardens, Calcutta, India. Body cavity. Zoological Gardens, Calcutta, India. Sood (1999); Calcutta, India. Baker (1987).
- 3) *Gavial gangeticus*. Zoological Gardens, Calcutta, India. Mesentery. Linstow (1906); Indian Museum. Liver. Baylis and Daubney (1921); Maplestone (1930); Zoological Gardens, Calcutta, India. Body cavity and serous membranes. Skryabin et al. (1969b); Calcutta, India. Baker (1987); Zoological Gardens, Calcutta, India. Body cavity. Sood (1999); Zoological Gardens, Calcutta, India. NHM (2010).

- 4) Unknown crocodylian. Calcutta Zoo, India. Body cavity and serous membranes. Skryabin et al. (1969c); National Zoological Park, Washington, D.C., USA. Body cavity. NPC (2010).

Unidentified micropleurid.

- 1) *Gavial gangeticus*. Chitwan National Park, Nepal. Abdominal Cavity. Gairhe (2007).

OXYURIDA

OXYURIDAE

Unidentified oxyurid.

- 1) *Caiman crocodilus crocodilus*. Peritoneum. Host as *Caiman sclerops*. NPC (2010).

SPIRURIDA

CAMALLANIDAE

Camallanus oxycephalus Ward and Magath 1916.

- 1) *Alligator mississippiensis*. New York Aquarium, New York, USA. Stomach. NPC (2010).

GNATHOSTOMIDAE

Gnathostoma horridum (Leidy 1856) Stossich 1900.

- 1) *Alligator mississippiensis*. Georgia, USA. Stomach. Leidy (1856) as *Cheiracanthus horridus*; Abdomen. Linstow (1878) as *Cheiracanthus horridus*; USA. Stomach. Skryabin (1951c); Skryabin (1969a); Georgia, USA. NPC (2010) as *Styphlodora horrida*.

Gnathostoma procyonis Chandler 1942.

- 1) *Alligator mississippiensis*. Louisiana, USA. Muscle. Ash (1962); Huchzermeyer (2003).

PHYSALOPTERIDAE

Physaloptera retusa Rudolphi 1819.

- 1) *Alligator mississippiensis*. Stomach. Leidy (1856) as *Physaloptera mucronata*; Walton (1927); Baker (1987).

SPIRURIDAE

Spiroxys sp. Schneider 1866.

- 1) *Crocodylus rhombifer*. Cuba. Small intestine and stomach. Groschaft and Barus (1970).

UNKNOWN

Unidentified filarid.

- 1) *Crocodylus niloticus*. Lourenco Marques, Mozambique. NPC (2010).

STRONGYLIDA

STRONGYIDAE

Strongylus sp. Müller 1870.

- 1) *Alligator mississippiensis*. New York Aquarium, New York, New York, USA. Intestine. NPC (2010).

UNKNOWN

Unidentified nematode.

- 1) *Caiman crocodilus crocodilus*. Host as *Caiman sclerops*. Travassos (1940); NHM (2010); Buffalo Zoo, New York, USA, and Heliconia, Colombia, and Panama. Intestine and peritoneum. Host as *Caiman familiaris* and *C. sclerops*. NPC (2010).
- 2) *Crocodylus acutus*. Honduras. NPC (2010).
- 3) *Crocodylus niloticus*. Lourenco Marques, Mozambique. Abdominal cavity. NPC (2010).
- 4) *Melanosuchus niger*. Brazil. NHM (2010).
- 5) Unknown crocodylian. National Park Zoo, Washington, D.C., and San Diego Zoo, San Diego, California, USA, and South America. Body cavity, intestine and stomach. Host as *Caiman sclerops* or unknown crocodylian. NPC (2010).

Unidentified roundworms.

- 1) *Alligator mississippiensis*. Porcher's Bluff, South Carolina, USA. Stomach. Chamberlain (1930); Lake Griffin, Florida, USA. Stomach. Schoeb et al. (2002).

ARTHROPODA

ACARI

IXODIDA

IXODIDAE

Amblyomma sp. C.L. Koch 1837.

- 1) *Caiman yacare*. Pantanal, Brazil. Viana and Marques (2005).
- 2) *Crocodylus johnstoni*. Lynd River, Queensland, Australia. Tucker (1995); Huchzermeyer (2003).
- 3) *Crocodylus moreletii*. New River Lagoon, Northern Belize. Lateral surface of tail. Rainwater (2001); Huchzermeyer (2003).

Amblyomma dissimile Koch 1844.

- 1) *Crocodylus moreletii*. New River Lagoon, Northern Belize. Lateral surface of tail. Rainwater (2001); Huchzermeyer (2003).

Amblyomma exornatum Koch 1844.

- 1) Unknown crocodylian. Democratic Republic of Congo. Huchzermeyer (2003) as *Aponomma exornatum*.

Amblyomma rotundotum (Koch 1844).

- 1) *Caiman yacare*. Pantanal, Brazil. de Almeida et al. (2006).

Unidentified tick.

- 1) *Crocodylus intermedius*. Cojedas River System, Venezuela. Seijas (2007).
- 2) *Paleosuchus palpebrosus*. Brazil. Magnusson (1985).

NEOPTERA

DIPTERA

CULICIDAE

Anopheles stephensi Liston 1901.

- 1) *Caiman crocodilus crocodilus*. Belem, Brazil. Prod'hon and Bain (1972); Huchzermeyer (2003).

Culex fatigans Wiedmann 1828.

- 1) *Caiman crocodilus crocodilus*. Belem, Brazil. Lainson et al. (2003).
- 2) *Caiman yacare*. Belem, Brazil. Lainson et al. (2003).

Culex quinquefasciatus Say 1823.

- 1) *Caiman crocodilus crocodilus*. Belem, Brazil. Paperna and Lainson (2003).

MUSCIDAE

Glossina palpalis (Robineau-Desvoidy, 1830) Wiedemann 1830.

- 1) *Crocodylus niloticus*. South Africa. Hoare (1929); Hoare (1931); Uganda. Hoare (1932); Huchzermeyer (2003).

SARCOPHAGIDAE

Sarcophaginae Roback 1954. Skin.

- 1) Unknown crocodylian. Debyser and Zwart (1991).

TABANIDAE

Catachlorops testaceus Macquart 1846.

- 1) *Caiman crocodilus apaporiensis*. Buenos Aires, Colombia. Nose. Medem (1981).
- 2) *Caiman crocodilus crocodilus*. Medem (1981).
- 3) Unknown crocodylian. Colombia. Host as *Caiman*. Medem (1981).

Diachlorus curvipes Fabricius 1805.

- 1) *Caiman crocodilus apaporiensis*. Rio Apaporis, Colombia. Nose. Medem (1981).
- 2) Unknown crocodylian. Colombia. Host as *Caiman*. Medem (1981).

Lepiselaga crassipes Fabricius 1805.

- 1) *Caiman crocodilus crocodilus*. Puerto Inirida, Colombia. Lateral and ventral scales. Host as *Caiman sclerops*. Medem (1981).

Phaeotabanus cajennensis Fabricius 1787.

- 1) *Caiman crocodilus apaporiensis*. Buenos Aires, Colombia. Back, double crested caudal sector, and sacral part of dorsum. Medem (1981).

Phaeotabanus fervens Linnaeus 1758.

- 1) *Caiman crocodilus apaporiensis*. Caño Cabra, Colombia. Nose. Medem (1981).
- 2) *Caiman crocodilus crocodilus*. Caño Cabra, Colombia. Eyes, inter-orbital space, nose, palpebrals, and tip of snout. Host as *Caiman sclerops*. Medem (1981); Patanal, Brazil. Head. Host as *Caiman sclerops*. Barros (1996).
- 3) *Melanosuchus niger*. Pantanal Region, Brazil. External nares, inter-orbital space. Medem (1981); Patanal Region, Brazil. Head. Barros (1996).
- 4) *Paleosuchus palpebrosus*. Pantanal Region, Brazil. Head. Barros (1996); Pantanal Region, Brazil. Found biting head of its host. Medem (1981); Pantanal, Brazil. Lainson et al. (2003).
- 5) *Paleosuchus trigonatus*. Pantanal, Brazil. Found biting head of its host. Barros (1996); Pantanal Region, Brazil. Found biting head of its host. Medem (1981); Pantanal, Brazil. Lainson et al. (2003).

Phaeotabanus innotescens Walker 1854.

- 1) *Caiman crocodilus apaporiensis*. Medem (1981).

Phaeotabanus nigriflavus Kroeber 1930.

- 1) *Caiman crocodilus crocodilus*. Rio Apaporis, Colombia. Inter-orbital space, posterior nares, and supra-temporal fenestre. Host as *Caiman sclerops*. Medem (1981); Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).
- 2) *Paleosuchus palpebrosus*. Colombia. Found biting inter-orbital region, posterior border of nares. Medem (1981). Kroeber 1934 as *Phaeotabanus obscuripilis*.

- 3) *Paleosuchus trigonatus*. Colombia. Found biting inter-orbital region, outer ear, and posterior border of nares. Medem (1981). Kroeber 1934 as *Phaeotabanus obscuripilis*.

Phaeotabanus prasiniventris Kroeber 1929.

- 1) *Paleosuchus trigonatus*. Colombia. Found biting on nose. Medem (1981).

Stenotabanus bequaerti Rafael, Fairchild, and Goarayeb 1982.

- 1) *Caiman crocodilus crocodilus*. Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).

Stenotabanus cretatus Fairchild 1961.

- 1) *Caiman crocodilus crocodilus*. Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).

Stenotabanus incipiens Walker 1860.

- 1) *Caiman crocodilus crocodilus*. La Macarena and Rio Apaporis, Colombia. Border of eyes, dorsal and nuchal sectors of body, nose, supra-temporal fenestra, and tip of snout. Host as *Caiman sclerops*. Medem (1981).
- 2) *Paleosuchus trigonatus*. Colombia. Found biting between post-occipital scales on neck and on sutures, border of eyes, ear covers, nose, and palpebrals. Medem (1981).

Tabanus dorsiger Wiedmann 1828.

- 1) *Caiman crocodilus crocodilus*. Caño Cabra, and Caño Cunuven, and Pedera, and Puerto Inirida, Colombia. Back, fore- and hind legs, double crested caudal sector, nose, and supra-temporal fenestre. Medem (1981).
- 2) *Caiman crocodilus crocodilus*. Caño Cabra, and Caño Cunuven, and Pedera, and Puerto Inirida, Colombia. Back, fore- and hind legs, double crested caudal sector, nose, and supra-temporal fenestre. Host as *Caiman sclerops*. Medem (1981).

Tabanus dorsiger modestus Wiedmann 1828.

- 1) *Paleosuchus palpebrosus*. Colombia. Found biting on double-crested caudal sector, on back, fore and hind legs, in between sutures, and on supra-temporal fenestre region. Medem (1981).
- 2) *Paleosuchus trigonatus*. Colombia. Found biting between sutures, on back, fore and hind legs, double-crested caudal sector, and on supra-temporal fenestre region. Medem (1981).
- 3) Unknown crocodylian. Medem (1981).

Tabanus dorsiger stenocephalus Hine 1906.

- 1) *Caiman crocodilus crocodilus*. Puerto Inirida, Colombia. Back. Host as *Caiman sclerops*. Medem (1981).

Tabanus occidentalis Linnaeus 1758.

- 1) *Caiman crocodilus crocodilus*. Manaus, Brazil. Head and other unspecified areas. Ferreira et al. (2002).

Unidentified tabanid species.

1) *Paleosuchus palpebrosus*. Colombia. Medem (1981).

2) *Paleosuchus trigonatus*. Colombia. Medem (1981).

PENTASTOMIDA

POROCEPHALIDA

POROCEPHALIDAE

Porocephalus sp. Humboldt 1811.

1) *Alligator mississippiensis*. Wilmington, North Carolina, USA. Bronchi, lungs, spleen, stomach, and trachea. NPC (2010).

2) *Crocodylus acutus*. Utilla, Honduras. Host as *Crocodylus americanus*. NPC (2010).

Porocephalus crocodili Wheeler 1913.

1) *Crocodylus acutus*. Guayas River, Ecuador. Lungs. Wheeler (1913); Sambon (1922); Bronchial tissue and lungs. Hett (1924).

Unidentified porocephalid.

1) *Alligator mississippiensis*. Florida, USA. Lungs. NPC (2010).

2) *Crocodylus johnstoni*. Bullita Station, Gregory National Park, Australia. Muscle near lungs. Riley and Huchzermeyer (1996).

SEBEKIDAE

Agema sp. Riley, Hill and Huchzermeyer 1997.

- 1) *Osteolaemus tetraspis osborni*. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000).

Agema silvaepalustris Riley, Hill and Huchzermeyer 1997.

- 1) *Mecistops cataphractus*. Republic of the Congo. Host as *Crocodylus cataphractus*. Lungs. Riley et al. (1997); Republic of the Congo. Host as *Crocodylus cataphractus*. Junker (2002); Host as *Crocodylus cataphractus*. Huchzermeyer (2003).
- 2) *Osteolaemus tetraspis*. Republic of the Congo. Lungs. Riley et al. (1997); Republic of the Congo. Junker (2002); Huchzermeyer (2003); Republic of the Congo. Junker and Boomker (2006).
- 3) *Osteolaemus tetraspis osborni*. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000); Oubangui Rivers, Republic of the Congo. Stomach. Riley and Huchzermeyer (2000).

Alofia sp. Giglioli 1922.

- 1) *Crocodylus niloticus*. Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995a); Kruger National Park, South Africa. Lungs. Junker et al. (1999).
- 2) *Osteolaemus tetraspis osborni*. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000).

Alofia adriatica (Hirst 1922) Giglioli 1922 in Sambon 1922 *species inquirenda*.

- 1) Unknown crocodilian. Adriatic. Junker (2002).

Alofia ginae Giglioli 1922 in Sambon 1922.

- 1) *Crocodylus porosus*. Santa Cruz, Philippines. Bronchioles. Riley (1994); Philippines. Junker (2002); Huchzermeyer (2003); Philippines. Junker and Boomker (2006).
- 2) *Osteolaemus tetraspis osborni*. Oubangui Rivers, Republic of the Congo. Stomach. Riley and Huchzermeyer (2000).
- 3) Unknown crocodylian. Samoa. Junker (2002); Samoa. Junker and Boomker (2006).

Alofia indica (Linstow 1906) Hett 1924 *species inquirenda*.

- 1) *Gavial gangeticus*. Zoological Gardens, Calcutta, India. Trachea and lungs. Linstow (1906) as *Porocephalus indicus*; Zoological Gardens, Calcutta. Lungs and Trachea. Shipley (1910) as *Porocephalus indicus*; Sambon (1922) as *Sebekia indicus*; Lungs, trachea. Hett (1924); Lungs and trachea. Heymons and Vitzhum (1934) as *Sebekia indicus*; Lungs and trachea. Heymons (1935); Lungs. Heymons (1941); Elkan (1977); India. Junker (2002); Huchzermeyer (2003); India. Junker and Boomker (2006).

Alofia merki Heymons 1941.

- 1) *Crocodylus porosus*. Santa Cruz, Philippines. Bronchioles. Riley (1994); Kerlin Station, Adelaide River, Australia. Muscle near lungs. Riley and Huchzermeyer (1996); Northern Territory, Australia, and Philippines. Junker (2002); Huchzermeyer (2003); Australia and Philippines. Junker and Boomker (2006).
- 2) Unknown crocodylian. Samoa. Junker (2002).

Alofia nilotici Riley and Huchzermeyer 1995a.

- 1) *Crocodylus niloticus*. Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995a); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana and South Africa. Junker (2002); Botswana and South Africa. Junker and Boomker (2006).

Alofia parva Riley and Huchzermeyer 1995.

- 1) *Mecistops cataphractus*. Republic of the Congo. Host as *Crocodylus cataphractus*. Lungs. Riley et al. (1997); Republic of the Congo. Host as *Crocodylus cataphractus*. Junker (2002); Republic of the Congo. Host as *Crocodylus cataphractus*. Junker and Boomker (2006).
- 2) *Osteolaemus tetraspis*. Republic of the Congo. Lungs and viscera. Riley and Huchzermeyer (1995b); Huchzermeyer (2003).
- 3) *Osteolaemus tetraspis osborni*. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (2000); Republic of the Congo. Junker (2002); Republic of the Congo. Junker and Boomker (2006).

Alofia platycephala (Lohrmann 1889) Giglioli 1922 in Sambon 1922.

- 1) *Alligator mississippiensis*. Lohrmann (1889) as *Pentastomen platycephalum*; Sambon (1922); Heymons (1935); Heymons and Vitzthum (1936).
- 2) *Caiman crocodilus crocodilus*. Rio Cabacal, Brazil. Lungs. Host as *Champsia sclerops*. Heymons and Vitzthum (1936) as *A. platycephala* and *Pentastomum platycephalum*; Brazil. Heymons (1941); Host as *Caiman sclerops*. Brazil. Host as *Caiman sclerops*. Self and Rego (1985); Brazil. Host as *Caiman sclerops*. Riley (1994); Brazil. Junker (2002); Huchzermeyer (2003).

- 3) *Caiman latirostris*. Intestine. Lohrmann (1889) as *Pentastomum platycephalum*; Sambon (1922); Paraguay. Heymons (1941); South America. Riley et al. (1994); Paraguay. Junker (2002); Huchzermeyer (2003); Paraguay. Junker and Boomker (2005).
- 4) *Crocodylus acutus*. Rio Cabacal, Brazil. Lungs. Host as *Crocodylus americanus*. Heymons and Vitzthum (1936) as *Pentastomum platycephalum*.
- 5) Unknown crocodylian. Lohrmann (1889); Host as South-american crocodile sp. Elkan (1977); South America. Riley (1994); South America. Junker (2002); South America. Junker and Boomker (2006).

Alofia simpsoni Riley 1994.

- 1) *Crocodylus niloticus*. Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana and South Africa. Junker (2002); Botswana and South Africa. Junker and Boomker (2006).
- 2) Unknown crocodylian. Ghana. Riley (1994); Ghana. Huchzermeyer (2003); Ghana. Junker and Boomker (2006).

Elenia travassosi (Heymons 1932) Heymons 1941.

- 1) Unknown crocodylian. Samar, Philippines. Inferred that it may have been *C. porosus* but unknown. Heymons and Vitzthum (1936).

Leiperia australiensis Riley and Huchzermeyer 1996.

- 1) *Crocodylus johnstoni*. Queensland, Australia. Pulmonary artery. Riley and Huchzermeyer (1996); Junker (2002); Northern Territory, Australia. Junker and Boomker (2006); Huchzermeyer (2003).

- 2) *Crocodylus porosus*. Noonamah Crocodile Farm, Darwin, and Wildman River Station, Australia. Trachea. Riley and Huchzermeyer (1996); Northern Territory, Australia. Junker (2002); Huchzermeyer (2003); Northern Territory, Australia. Junker and Boomker (2006).

Leiperia cincinnalis (Vaney and Sambon 1910) Sambon 1922.

- 1) *Crocodylus niloticus*. Murchison Falls, Victoria, Uganda. Lungs. Vaney and Sambon (1910); Rhodesia and Zimbabwe. Lung. Sambon (1922) as *L. cincinnalis* and *Pentastomum gracile*; Democratic Republic of the Congo. Large bronchial. Rodham and Vuylsteke (1932); Africa. Bronchi and lungs. Host as *Crocodylus vulgaris*. Heymons (1935); Africa. Aorta. Host as *Crocodylus vulgaris*. Heymons and Vitzthum (1936); Aorta, heart and lungs. Elkan (1977); Albertville, Democratic Republic of the Congo, and Rhodesia, and Victoria Nile, Uganda. Heart and lungs. Riley and Huchzermeyer (1996); Kruger National Park, South Africa. Aorta, lungs, and trachea. Junker et al. (1999); Kruger National Park, South Africa. Pulmonary artery, and trachea. Junker et al. (2000); Democratic Republic of the Congo, South Africa, Uganda, and Zimbabwe. Junker (2002); Huchzermeyer (2003).
- 2) *Mecistops cataphractus*. Host as *Crocodylus cataphractus*. Sambon (1922); Central Africa. Host as *Crocodylus cataphractus*. Infective larva. Junker (2002); Central Africa. Host as *Crocodylus cataphractus*. Junker and Boomker (2006).

Leiperia gracilis (Diesing 1835) Sambon 1922 *species inquirenda*.

- 1) *Alligator mississippiensis*. Stomach. Leidy (1856) as *Pentastomum gracile*; Liver. Chatin (1882) as *Pentastoma oxycephalum*; Sambon (1922); North America. Junker (2002); North America. Junker and Boomker (2006).

- 2) *Caiman crocodilus crocodilus*. Sambon (1922) as *Pentastoma gracile*; Lungs. Host as *Caiman sclerops*. Heymons and Vitzthum (1936) as *L. gracilis*, *Pentastoma gracile* and *P. heterodontis*; Mato Grosso State, Brazil. Trachea. Rego et al. (1987); Brazil. Junker (2002).
- 3) *Caiman yacare*. Catto (2000).
- 4) *Crocodylus acutus*. Guayas River, Ecuador. Lungs. Wheeler (1915) as *Porocephalus crocodili*; Sambon (1922) as *Sebekia crocodili*; Lungs. Heymons and Vitzthum (1934) as *Leiperia neotropica* and *Porocephalus crocodili*; Host as *Crocodylus americanus*. Heymons (1935); America. Breathing apparatus. Heymons and Vitzthum (1936); Riley and Huchzermeyer (1996); South America. Junker (2002); South America. Junker and Boomker (2006).
- 5) Unknown crocodylian. Republic of the Congo. Aorta. Rodhain and Vuylsteke (1932); Host as South-american crocodile. Elkan (1977).

Sebekia sp. Sambon 1922.

- 1) *Alligator mississippiensis*. Lung. Riley (1986).
- 2) *Crocodylus johnstoni*. Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Alveoli, bronchi, and lungs. Buenviaje et al. (1991).
- 3) *Crocodylus novaeguineae*. Papua New Guinea. Lungs. Ladds and Sims (1990).
- 4) *Crocodylus porosus*. Northern Territory, Australia. Lungs. Riley et al. (1985); Gulf of Papua and Sebik River, Papua New Guinea. Lungs. Ladds and Sims (1990); Cairns, and Darwin, and Innisfail, and Rockhampton, Australia. Alveoli, bronchi, and lungs. Buenviaje et al. (1991).
- 5) *Osteolaemus tetraspis*. Republic of the Congo. Lungs and viscera. Riley and Huchzermeyer (1995b).

- 6) Unknown crocodylian. Ladds (2003).

Sebekia acuminata Travassos 1923 *species inquirenda*.

- 1) Unknown Brazilian crocodylians. Mato Grosso, Brazil. Lung. Host as American crocodiles. Travassos (1923); Mato Grosso, Brazil. Host as crocodile. Heymons and Vitzthum (1936); Host as Brazilian crocodile sp. Elkan (1977); Brazil. Junker (2002); Brazil. Huchzermeyer (2003); Brazil. Junker and Boomker (2006).

Sebekia cesarisi Giglioli 1922.

- 1) *Crocodylus niloticus*. Africa. Lung. Host as *Crocodylus vulgaris*. Heymons (1935); Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana, and South Africa. Junker (2002); Botswana and South Africa. Junker and Boomker (2006).
- 2) Unknown crocodylian. Africa. Lungs. Host as *Crocodylus* sp. Sambon (1922); Africa. Lungs. Host as African crocodile. Heymons and Vitzthum (1936); Host as African crocodile. Elkan (1977); Ghana, and Uganda. Riley et al. (1990); Africa. Junker (2002); Africa. Junker and Boomker (2006).

Sebekia divestei Giglioli 1922.

- 1) *Crocodylus acutus*. Lungs. Sambon (1922); Host as *Crocodylus americanus*. Heymons (1935); Host as *Crocodylus americanus*. Heymons (1935); Host as *Crocodylus americanus*. Heymons and Vitzthum (1936); Junker (2002); Huchzermeyer (2003); Junker and Boomker (2006).
- 2) Unknown crocodylian. Host as American crocodile sp. Elkan (1977).

Sebekia johnstoni Riley, Spratt and Winch 1990.

- 1) *Crocodylus johnstoni*. Northern Territory, Australia. Cephalothorax. Riley et al. (1990); Junker (2002); Huchzermeyer (2003).
- 2) *Crocodylus porosus*. Darwin, Australia. Riley et al. (1990); Northern Territory, Australia. Junker (2002); Northern Territory, Australia. Junker and Boomker (2006).

Sebekia jubini (Vany and Sambon, 1910) Sambon 1922 *species inquirenda*.

- 1) *Crocodylus siamensis*. Siam, Cambodia and Java. Nasal Cavity. Vany and Sambon (1910) as *Porocephalus joubini*; Siam, Cambodia and Java. Nasal Cavity. Sambon (1922); Nasal cavity. Heymons (1935); Paris Museum. Specimens came from southeast Asia. Nasal cavity. Heymons and Vitzthum (1936); Elkan (1977); Nasal cavity. Riley et al. (1990); Southeast Asia. Junker (2002); Southeast Asia. Junker and Boomker (2006).

Sebekia microhamus Self and Rego 1985.

- 1) *Caiman crocodilus crocodilus*. Brazil. Host as *Caiman sclerops*. Self and Rego (1985); Brazil. Junker (2002); Huchzermeyer (2003); Brazil. Junker and Boomker (2006).

Sebekia mississippiensis Overstreet, Self and Vliet 1985.

- 1) *Alligator mississippiensis*. Rockefeller Wildlife Refuge, Louisiana, USA. Lungs. Overstreet, Self and Vliet (1985); Texas, and Southwest Louisiana, USA. Scott (1990); Riley et al. (1990); Chambers and Walker County, Texas, and Evangeline Parish, Louisiana, USA. Bronchioles, lungs, and pleural sacs. Scott (1996); USA. Junker (2002); Lake Griffin, Florida, USA. Liver and lungs. Schoeb et al. (2002); Huchzermeyer (2003); USA. Junker and Boomker (2006); Orange

- 2) Lake, Alachua County, Florida, and New York Aquarium, New York, New York, and Chambers County, Texas, USA. Lungs. NPC (2010) as *S. mississippiensis* and *Linguatula mississippiensis*.

Sebekia multiannulata Riley, Spratt and Winch 1990.

- 1) *Crocodylus johnstoni*. Noonamah Crocodile Farm, Darwin, Australia. Cephalothorax. Riley et al. (1990); Junker (2002); Huchzermeyer (2003); Northern Territory. Australia. Junker and Boomker (2006).
- 2) *Crocodylus porosus*. Darwin, Australia. Riley et al. (1990); Northern Territory, Australia. Junker (2002); Huchzermeyer (2003); Northern Territory, Australia. Junker and Boomker (2006).

Sebekia novaeguineae Riley, Spratt and Winch 1990.

- 1) *Crocodylus novaeguineae*. Papua New Guinea. Respiratory tract. Riley et al. (1990); Irian Jaya. Lungs. Ladds et al. (1995); Papua New Guinea. Junker (2002); Papua New Guinea. Junker and Boomker (2006).

Sebekia okavangoensis Riley and Huchzermeyer 1995.

- 1) *Crocodylus niloticus*. Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana and South Africa. Junker (2002); Huchzermeyer (2003); Botswana and South Africa. Junker and Boomker (2006).
- 2) *Mecistops cataphractus*. Host as *Crocodylus cataphractus*. Riley et al., (1990) as *Sebekia cesarisi*; Republic of the Congo. Host as *Crocodylus cataphractus*. Junker (2002); Host as *Crocodylus cataphractus*. Huchzermeyer (2003); Republic of Congo. Host as *Crocodylus cataphractus*. Junker and Boomker (2006).

- 3) *Osteolaemus tetraspis*. Republic of the Congo. Lungs and viscera. Riley and Huchzermeyer (1995b); Republic of the Congo. Junker (2002); Huchzermeyer (2003); Republic of the Congo. Junker and Boomker (2006).
- 4) *Osteolaemus tetraspis osborni*. Northern Republic of the Congo. Lungs. Riley and Huchzermeyer (1995a); Oubangui Rivers, Congo Republic. Stomach. Riley and Huchzermeyer (2000).

Sebekia oxycephala (Diesing 1835) Sambon 1922.

- 1) *Alligator mississippiensis*. Lungs. Leuckart (1860) as *Pentastomum oxycephalum*; Liver. Shipley (1898) as *Porocephalus oxycephalus*; Giglioli (1922) in Sambon (1922) as *S. wedli* and *S. divestei*; Heymons (1935); Breathing apparatus. Heymons and Vitzthum (1936); Blackbeard Island, Georgia, USA. Lungs. Deakins (1971); South Carolina, USA. Adults found in lungs, nymphs found in liver. Hazen et al. (1978); South Florida, USA. Lungs. Cherry and Ager (1982); Florida, USA. Lungs. Boyce (1984); Jacobson (1984); Riley (1990); Junker (2002); Junker and Boomker (2005); Gairhe (2007); Alachua County, Florida, and Blackbeard Island, McIntosh County, Georgia, and Wilmington, North Carolina, and Kaiwah Island, South Carolina, USA. Lungs, spleen, and trachea. NPC (2010) as *S. oxycephala* and *Porocephalus oxycephalus*.
- 2) *Caiman crocodilus crocodilus*. Lung. Brazil. Host as *Crocodyli scleropsis*. Rudolphi (1819) as *Pentastoma proboscideum*; Lungs. Brazil. Host as *Champsia sclerops*. Diesing (1835) as *Pentastomum oxycephalum*; Lungs. Rio Cabacal?, Brazil. Host as *Champsia sclerops*. Diesing (1835) as *Pentastomum proboscideum*; Lungs. Diesing (1850) as *Pentastomum oxycephalum*; Lungs. Stiles (1893) as *Porocephalus oxycephalus*; Lungs. Host as *Caiman sclerops* and *Crocodylus sclerops*. Shipley (1898) as *Porocephalus oxycephalus*; Vaney and Sambon (1910) as *Pentastoma oxycephalum*; South America. Sambon (1922); South America. Lung, pharynx, and

trachea. Host as *Caiman sclerops*. Heymons (1935); Breathing apparatus. Host as *Caiman sclerops*. Heymons and Vitzthum (1936); Brazil. Host as *Caiman sclerops*. Self and Rego (1985); Trinidad. Feces. Infective larvae. Winch and Riley (1986); Brazil. Rego and Eiras (1989); Junker (2002); Trinidad and unknown location. Junker and Boomker (2006).

3) *Caiman latirostris*. Lungs. Shipley (1898) as *Porocephalus oxycephalus*; Junker (2002); Junker and Boomker (2005).

4) *Caiman yacare*. Lungs. Catto (2000).

5) *Crocodylus acutus*. Lungs. Sambon (1922); Host as *Crocodylus americanus*. Heymons (1935); Host as *Crocodylus americanus*. Heymons (1935); Host as *Crocodylus americanus*. Heymons and Vitzthum (1936); Junker (2002); Huchzermeyer (2003); Junker and Boomker (2006).

6) *Melanosuchus niger*. Self and Rego (1985); Riley et al. (1990).

7) Unknown crocodylian. Mato Grosso, Brazil. South American crocodylian. Travassos (1923); Host as crocodile. Elkan (1977).

Sebekia purdieae Riley, Spratt, and Winch 1990.

1) *Crocodylus porosus*. Darwin, Australia. Riley et al. (1990); Northern Territory, Australia. Junker (2002); Northern Territory, Australia. Junker and Boomker (2006).

Sebekia samboni Travassos 1923.

1) Unknown crocodylian. Mato Grosso, Brazil. Lung. Host as American crocodile. Travassos (1923); Mato Grosso, Brazil. Host as crocodile. Heymons and Vitzthum (1936); Host as Brazilian

crocodile. Elkan (1977); Brazil. Junker (2002); Brazil. Huchzermeyer (2003); Brazil. Junker and Boomker (2006).

Sebekia trinitatis Riley, Spratt and Winch 1990.

- 1) *Caiman crocodilus crocodilus*. Trinidad. Host as *Caiman sclerops*. Riley et al. (1990); Trinidad. Junker (2002); Huchzermeyer (2003); Trinidad. Junker and Boomker (2006).

Sebekia wedli Giglioli 1922 in Sambon 1922.

- 1) *Crocodylus niloticus*. Bronchi. Giglioli (1922); Bronchi. Sambon (1922); Africa. Bronchi. Host as *Crocodylus vulgaris*. Heymons and Vitzhum (1935); Africa. Bronchi. Host as *Crocodylus vulgaris*. Heymons (1935); Democratic Republic of the Congo. Trachea. Devos (1939); Self and Rego (1985) as *Sebekia oxycephala*; Uganda. Riley et al. (1990); Okavango, Botswana. Lungs. Riley and Huchzermeyer (1995); Kruger National Park, South Africa. Lungs. Junker et al. (1999); Botswana, and Democratic Republic of the Congo, and South Africa, and Uganda. Junker (2002); Huchzermeyer (2003); Botswana and South Africa. Junker and Boomker (2006).
- 2) Unknown crocodylian. Host as crocodile. Elkan (1977).

Selfia porosus Riley 1994.

- 1) *Crocodylus porosus*. Marraki Station, Australia. Bronchioles. Riley (1994); Northern Territory, Australia. Junker (2002); Northern Territory, Australia. Junker and Boomker (2005).

SUBRTRIQUETRIDAE

Subtriquetra megacephala (Baird 1853) Sambon 1922.

- 1) *Crocodylus palustris*. India. Head. Baird (1853) as *Pentastoma megacephalum*; Revision of specimens of Baird (1853). Shipley (1898) as *Porocephalus megacephalus*; Sambon (1922); Heymons (1935) as *Diesingia megacephala*; Flesh of head. Hett (1924) as *Pentastomum megacephalum*; Elkan (1977); Sunderbunds, India. Junker (2002); Huchzermeyer (2003); Sunderbunds, India. Junker and Boomker (2005).
- 2) *Gavial gangeticus*. Sambon (1922); Junker (2002); Bengal, India. Junker and Boomker (2006).
- 3) Unknown crocodilian. Bengal, India. Host either *Crocodylus palustris* or *Gavialis gangeticus*. Junker (2002); Bengal, India. Host either *Crocodylus palustris*, *C. porosus*, or *Gavialis gangeticus*. Junker and Boomker (2005).

Subtriquetra shipleyi Hett 1924.

- 1) *Gavial gangeticus*. Indian Museum Collection, Calcutta, India. Pharynx. Shipley (1910) as *Linguatula subtriquetra*; Indian Museum, Collection, Calcutta, India. Hett (1924); Junker (2002); India. Junker and Boomker (2006).
- 2) Unknown crocodilian. Indian Museum, Calcutta, India. Pharynx. Host as crocodile. Hett (1924); Host as crocodile sp. Elkan (1977); India. Host either *Crocodylus palustris* or *Gavialis gangeticus*. Junker (2002); Host as Indian crocodile. Huchzermeyer (2003); India. Host either *Crocodylus palustris*, *C. porosus*, or *Gavialis gangeticus*. Junker and Boomker (2005).

Subtriquetra subtriquetra (Diesing 1835) Sambon 1922.

- 1) *Caiman crocodilus crocodilus*. Host as *Champsia sclerops*. Diesing (1835) as *Pentastomum subtriquetrum*; Brazil. Pharynx. Diesing (1850) as *Pentastomum subtriquetrum*; Throat. Host as *Caiman sclerops*. Raillet (1883) as *Linguatule subtriquêtre*; Throat. Host as *Caiman sclerops*.

Shiple (1898) as *Linguatula subtriquetra*; Indian Museum. Pharynx. Host as *Caiman sclerops*.
 Shiple (1910) as *Linguatula subtriquetra*; Mouth cavity. Sambon (1922); South America. Throat.
 Host as *Caiman sclerops*. Heymons (1935); Heredia, Costa Rica. Vargas (1971); South America.
 Junker (2002); Huchzermeyer (2003); Trinidad and unknown location in South America. Junker
 and Boomker (2006).

2) *Melanosuchus niger*. Brazil. Host as *Champsia nigra*. Diesing (1850) as *Pentastomum
 subtiquetrum*; Diesing (1856) as *Pentastomum pusillum*; Raillet (1883) as *Linguatula subtriquetra*;
 Sambon (1922); Brazil. Throat. Host as *Caiman niger*. Heymons (1935); South America. Junker
 (2002); Huchzermeyer (2003); South America. Junker and Boomker (2005).

3) Unknown crocodylian. Host as South American crocodile. Elkan (1977).

UNKNOWN

Unidentified linguatulid.

1) *Caiman crocodilus crocodilus*. Host as *Caiman sclerops*. Travassos (1940).

Unidentified pentastomids.

1) *Crocodylus porosus*. Yellow Waters, Kakadu National Park, Australia. Muscle near lung. Riley
 and Huchzermeyer (1996).

2) Unknown crocodylian. Respiratory system. Debyser and Zwart (1991); EFSA (2007).

THECOSTRACA

SESSILIA

CHELONIIBIDAE

Chelonibia testudinaria Linnaeus 1758.

- 1) *Alligator mississippiensis*. Guana Lake, Ponte Vedra, Florida, USA. Caudal scute. Nifong and Frick (2011).

HOST SPECIFICITY

Crocodylians are large, long-lived apex predators. As top predators, they also may accumulate various trophically transmitted parasites by consuming a wide variety of prey hosts over a long period of time. These life-history traits enable them to acquire and accumulate various parasite species over many years. In general, crocodylians are parasitized by a diverse array of species (Table 1). *Caiman crocodilus crocodilus* has the greatest reported species richness of parasites (~49 species), followed by *Crocodylus porosus* (~36 species), *C. niloticus* (~36 species), and *Alligator mississippiensis* (~26 species) (Table 3). Both *C. c. crocodilus* and *C. porosus* are frequently studied species being farmed and managed, allowing some wild populations to remain stable (Harvey and Hill, 2003; CITES, 2010). In contrast, there are no documented parasites of *Alligator sinensis*, and *Crocodylus mindorensis*. This is most likely due to the lack of research on these species rather than their lack of parasitism.

Patterns of parasitism among crocodylian species include generalist and specialists. Generalists parasitized various crocodylian species, whereas host specialists infected a single host species. Overall, there are fewer generalist parasite species (~99) than there are host specific species (~103).

Although insufficient research surely explains some of the documented specialists, host specificity may be functionally attributed to the lack of sympatry among crocodylian species and populations (Brooks, 1979a,b; Brooks and O'Grady, 1989; Huchzermeyer, 2003). Many crocodylian species are isolated due to geographic or anthropogenic barriers (Huchzermeyer, 2003). Therefore only parasites with life cycle patterns that overcome obstacles posed by vicariant barriers, enable some parasites to infect multiple hosts over disjunct geographic ranges. Three factors may explain the evolution of generalist parasites in crocodylian species: host dispersal, similar life-history traits (including diets), and availability of broad range of intermediate hosts.

Hosts that disperse from one region to another may acquire generalist parasites. For example, *Crocodylus porosus* utilizes ocean currents for trans-oceanic dispersal, facilitating its establishment at many Indo-Pacific islands (Campbell et al., 2010). Its vagility enables it to contact a variety of parasitic species.

Similar life-history traits and diet among crocodilian species enables shared parasitism among crocodilian species, particularly when these species are sympatric. Crocodilians spend most their life associated with aquatic environments in tropical and sub-tropical regions. Their prey preference changes over their growth development, primarily being insectivores up to their second year in life (Webb et al., 1982; Delany and Abercrombie, 1986; Platt et al., 2006). As they grow, their diet broadens and include crustaceans, fish, and other small non-fish vertebrates. As they reach adulthood they incorporate larger prey (Magnusson, 1985; Delany and Abercrombie, 1986; Platt et al., 2006). This life history exposes crocodilian parasites to a wide variety of trophically transmitted parasites. In summary, host dispersal, similar life-history traits and diets, and a broad range of intermediate hosts likely contribute to different crocodilian species sharing the same parasites.

A geographic pattern emerged when evaluating the association of generalist parasites by geographic regions. Three geographic regions can be inferred: the Americas, Africa, and Indo-Australia. Most generalist parasites shared amongst crocodilians within these regions were ascarid nematodes. For example, *Dujardinascaris waltoni* infecting crocodiles and caimans of the Americas, *Dujardinascaris harrisae* parasitizing *C. porosus* and *C. novaguineae* in Indo-Australia, and *Ortleppascaris nigra* found in African crocodiles. Additionally, generalist parasitism was associated with living sympatry. *Crocodylus porosus* and *C. johnsoni*, the only species found in Australia, are both parasitized by *Leiperia australiensis* and *Typhlophorus spratti*. In addition, the acanthocephalan *Polyacanthorhynchus rhopalorhynchus*, infects the intestines of all six caiman species in Brazil being both geographically specific and subfamily specific.

There are some perplexing geographic records for a few generalist parasites. The nematode, *Terranova lanceolata*, is present in American and Australian crocodilians, and *Trispiculascaris trispiculascaris* has been

documented from *Crocodylus niloticus* of Africa and *Caiman crocodilus fuscus* of the Americas. The great barriers separating the host species suggests that these apparent generalists may simply reflect insufficient research distinguishing related parasites.

CONCLUSIONS

This crocodilian-parasite database provides a foundation for future research on crocodilian parasitism. Data extrapolated from this study can be utilized to investigate the role of crocodilian parasites in food webs, and ecosystems, and how stressors may alter host-parasite dynamics. Studies have linked predator reduction to reduced presence of trophically transmitted parasites, and concomitant increase in other types of parasites of abundant hosts at lower trophic levels (Lafferty and Kuris, 1999; Bush et al., 2001; Lafferty et al., 2008). Moreover, the fundamental dependence of parasites on both host and environment supports the use of parasites as biological indicators of environmental conditions. Quantifying parasites of keystone predators, such as crocodilians, may assist analyses of ecosystem function. In a rapidly changing environment, knowledge of the significance of crocodiles and their parasites may improve their conservation and facilitate responsible stewardship of these important predators.

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APPENDIX

Table 1. Summary of crocodilian parasitism by parasitic phyla

	<i>Proteo- bacteria</i>	<i>Sarco- mastigo- phora</i>	<i>Hetero- konto- phyta</i>	<i>Api- complexa</i>	<i>Myxozoa</i>	<i>Platy- helminthes</i>	<i>Rotifera</i>	<i>Acantho- cephala</i>	<i>Annelida</i>	<i>Nematoda</i>	<i>Arthro- poda</i>	<i>Un- known</i>	<i>Total</i>
<i>Family</i>													
<i>Alligatoridae</i>													
<i>Alligator mississippiensis</i>	1	0	0	6	0	17	0	0	3	17	8	0	52
<i>Alligator sinensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Caiman crocodilus apaporiensis</i>	0	0	0	0	0	0	0	0	0	0	6	0	6
<i>Caiman crocodilus chiapsius</i>	0	0	0	0	0	0	0	0	0	1	0	0	1
<i>Caiman crocodilus crocodilus</i>	0	2	0	5	0	32	0	1	1	18	20	0	79
<i>Caiman crocodilus fuscus</i>	0	0	0	1	0	12	0	1	0	1	0	0	15
<i>Caiman latiroastris</i>	0	0	0	2	0	3	0	1	1	2	2	0	11

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Table 1. Summary of crocodilian parasitism by parasitic phyla

	<i>Proteo- bacteria</i>	<i>Sarco- mastigo- phora</i>	<i>Hetero- konto- phyta</i>	<i>Api- complexa</i>	<i>Myxozoa</i>	<i>Platy- helminthes</i>	<i>Rotifera</i>	<i>Acantho- cephala</i>	<i>Annelida</i>	<i>Nematoda</i>	<i>Arthro- poda</i>	<i>Un- known</i>	<i>Total</i>
<i>Crocodylus moreletii</i>	0	0	0	0	0	12	0	0	0	7	2	0	21
<i>Crocodylus niloticus</i>	0	2	0	8	0	18	0	0	2	23	8	0	61
<i>Crocodylus novaeguineae</i>	0	0	0	4	0	9	0	0	1	8	2	0	24
<i>Crocodylus palustris</i>	0	1	0	2	0	4	0	0	0	3	1	0	11
<i>Crocodylus porosus</i>	0	1	1	3	0	13	0	0	3	21	9	2	53
<i>Crocodylus rhombifer</i>	0	0	0	0	0	6	0	1	0	5	0	0	12
<i>Crocodylus siamensis</i>	0	0	0	2	0	4	0	0	0	0	1	0	7
<i>Mecistops cataphractus</i>	0	1	0	2	0	5	0	0	1	7	4	0	20
<i>Osteolaemus tetraspis</i>	0	1	0	2	0	5	0	0	1	5	4	0	18

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Table 1. Summary of crocodilian parasitism by parasitic phyla

	<i>Proteo- bacteria</i>	<i>Sarco- mastigo- phora</i>	<i>Hetero- konto- phyta</i>	<i>Api- complexa</i>	<i>Myxozoa</i>	<i>Platy- helminthes</i>	<i>Rotifera</i>	<i>Acantho- cephala</i>	<i>Annelida</i>	<i>Nematoda</i>	<i>Arthro- poda</i>	<i>Un- known</i>	<i>Total</i>
<i>Osteolaemus tetraspis osborni</i>	0	0	0	0	0	0	0	0	0	0	6	0	6
<i>Osteolaemus tetraspis tetraspis</i>	0	0	0	0	0	0	0	0	0	0	0	1	1
<i>Tomistoma schlegelii</i>	0	0	0	0	0	0	0	0	1	0	0	0	1
<i>Family Gavialidae</i>													
<i>Gavialis gangeticus</i>	0	0	0	4	0	13	0	0	0	7	3	0	27
<i>Unknown</i>													
<i>Unknown Crocodilian</i>	0	4	0	6	1	26	0	0	2	29	23	0	91
<i>Total</i>	1	13	1	56	1	223	1	8	20	200	130	3	609

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Table 2. Summary of crocodilian host specificity by crocodilian species

	<i>Single-Specific</i>	<i>Generalists</i>
<u>Family Alligatoridae</u>		
<i>Alligator mississippiensis</i>	11	15
<i>Alligator sinensis</i>	0	0
<i>Caiman crocodilus apaporiensis</i>	0	1
<i>Caiman crocodilus chiapsius</i>	0	0
<i>Caiman crocodilus crocodilus</i>	13	41
<i>Caiman crocodilus fuscus</i>	0	12
<i>Caiman latirostris</i>	2	9
<i>Caiman yacare</i>	2	30
<i>Melanosuchus niger</i>	2	13
<i>Paleosuchus palpebrosus</i>	0	6
<i>Paleosuchus trigonatus</i>	2	2
<u>Family Crocodylidae</u>		
<i>Crocodylus acutus</i>	4	16
<i>Crocodylus intermedius</i>	0	3
<i>Crocodylus johnstoni</i>	5	12
<i>Crocodylus mindorensis</i>	0	0
<i>Crocodylus moreletii</i>	0	13
<i>Crocodylus niloticus</i>	13	23
<i>Crocodylus novaeguineae</i>	2	8
<i>Crocodylus palustris</i>	4	3
<i>Crocodylus porosus</i>	18	19
<i>Crocodylus rhombifer</i>	0	18
<i>Crocodylus siamensis</i>	3	2

Table 2. Summary of crocodilian host specificity by crocodilian species

	<i>Single-Specific</i>	<i>Generalists</i>
<i>Mecistops cataphractus</i>	2	12
<i>Osteolaemus tetraspis</i>	2	10
<i>Osteolaemus tetraspis osborni</i>	1	4
<i>Osteolaemus tetraspis tetraspis</i>	0	0
<i>Tomistoma schlegelii</i>	0	1
<u>Family Gavialidae</u>		
<i>Gavialis gangeticus</i>	13	6
<u>Unknown</u>		
Unknown Crocodilian	7	48
Total	106	327

*** Parasites under Hirudinea, Diptera and Ixodes are considered generalist parasites in this table.

*** Unidentified parasites to species are not considered in this table.

*** Rare or accidental parasites are not considered in this table.

Table 3. List of generalist and host specific parasites

Parasites found only once in a host and lacking reports of that parasite in other crocodylian hosts but are found in other vertebrates are not considered in this list (i.e., accidental/rare parasites), nor are parasites identified to genus.

GENERALIST PARASITES

PARASITES	HOSTS
<u>Sarcomastigophora</u>	
<i>Trypanosoma grayi</i>	<i>Crocodylus niloticus</i> , unknown crocodylian
<u>Apicomplexa</u>	
<i>Haemogregarina crocodilorum</i>	<i>Alligator mississippiensis</i> , <i>Crocodylus acutus</i> , <i>Osteolaemus tetraspis</i>
<i>Haemogregarina hankini</i>	<i>Crocodylus porosus</i> , <i>Gavial gangeticus</i>
<i>Hepatozoon caimani</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman latirostris</i> , <i>Caiman yacare</i>
<i>Hepatozoon pettiti</i>	<i>Crocodylus niloticus</i> , unknown crocodylian
<u>Platyhelminthes</u>	
<i>Acanthostomum americanum</i>	<i>Crocodylus acutus</i> , <i>Crocodylus moreletii</i> , <i>Crocodylus rhombifer</i>
<i>Atrophocaecum indicum</i>	<i>Crocodylus palustris</i> , unknown crocodylian
<i>Caimancola caballeroi</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Crocodylus acutus</i> , <i>Crocodylus rhombifer</i>

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Table 3. List of generalist and host-specific parasites

<i>Caimancola marajoara</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Caiman yacare</i> , <i>Crocodylus acutus</i> , <i>Crocodylus moreletii</i> , <i>Crocodylus rhombifer</i>
<i>Crocodicola pseudostoma</i>	<i>Alligator mississippiensis</i> , <i>Crocodylus moreletii</i> , <i>Crocodylus siamensis</i> , unknown crocodilians
<i>Cyathocotyle brasiliensis</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Cyathocotyle crocodili</i>	<i>Crocodylus novaeguineae</i> , <i>Crocodylus porosus</i> , unknown crocodilian
<i>Cyathocotyle fraterna</i>	<i>Crocodylus niloticus</i> , <i>Mecistops cataphractus</i> ,
<i>Cystodiplostomum hollyi</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman latirostris</i> , <i>Caiman yacare</i>
<i>Deurithitrema</i> sp. ²	<i>Crocodylus novaeguineae</i> , <i>Crocodylus porosus</i> , unknown crocodilian
<i>Echinostomum crocodili</i>	<i>Crocodylus niloticus</i> , <i>Crocodylus siamensis</i>
<i>Exotidendrium gharialii</i>	<i>Crocodylus niloticus</i> , <i>Gavial gangeticus</i>
<i>Herpetodiplostomum caimancola</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Caiman latirostris</i> , <i>Caiman yacare</i> , <i>Crocodylus moreletii</i> , <i>Melanosuchus niger</i>
<i>Massoprostatum longum</i>	<i>Caiman crocodilus fuscus</i> , <i>Crocodylus moreletii</i>
<i>Mesodiplostomum gladiolum</i>	<i>Caiman crocodilus crocodilus</i> , <i>Melanosuchus niger</i> , unknown crocodilian
<i>Odhneriotrema incommodum</i>	<i>Alligator mississippiensis</i> , unknown crocodilian
<i>Odhneriotrema microcephala</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus</i>

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Table 3. List of generalist and host specific parasites

	<i>fuscus</i> , <i>Caiman yacare</i> , unknown crocodilian
<i>Pachysolus sclerops</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Caiman yacare</i> , <i>Paleosuchus palpebrosus</i>
<i>Paradiplostomum abbreviatum</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , unknown crocodilian
<i>Proctocaecum coronarium</i>	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus crocodilus</i> , <i>Crocodylus acutus</i> ,
<i>Proctocaecum dorsale</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Prolecithodiplostomum cavum</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , unknown crocodilian
<i>Prolecithodiplostomum constrictum</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Caiman yacare</i> , unknown crocodilian
<i>Proterodiplostomum brasiliensis</i>	<i>Caiman crocodilus crocodilus</i> , unknown crocodilian
<i>Proterodiplostomum breve</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Proterodiplostomum globulare</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Proterodiplostomum longum</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , <i>Melanosuchus niger</i> , <i>Paleosuchus palpebrosus</i> , unknown crocodilians
<i>Proterodiplostomum medusae</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Caiman yacare</i> , <i>Crocodylus acutus</i>
<i>Proterodiplostomum tumidulum</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Caiman yacare</i> , <i>Paleosuchus palpebrosus</i>

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Table 3. List of generalist and host-specific parasites

<i>Pseudoneodiplostomum bifurcatum</i>	<i>Crocodylus niloticus</i> , <i>Osteolaemus tetraspis</i>
<i>Pseudoneodiplostomum groschafti</i>	<i>Crocodylus moreletii</i> , <i>Crocodylus rhombifer</i>
<i>Pseudoneodiplostomum thomasi</i>	<i>Crocodylus niloticus</i> , <i>Osteolaemus tetraspis</i> , unknown crocodylian
<i>Pseudotelorchis caimanis</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Pseudotelorchis yacarei</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Stephanoprora jacaretinga</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Stephanoprora ornata</i>	<i>Crocodylus niloticus</i> , unknown crocodylian
<i>Timoniella loosi</i>	<i>Alligator mississippiensis</i> , <i>Crocodylus acutus</i> , <i>Crocodylus moreletii</i> , <i>Crocodylus rhombifer</i>
<i>Timoniella scyphocephalum</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Crocodylus moreletii</i> , unknown crocodylian
<u>Acanthocephala</u>	
<i>Polyacanthorhynchus rhopalorhynchus</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman latirostris</i> , <i>Caiman yacare</i> , <i>Melanosuchus niger</i> , <i>Paleosuchus palpebrosus</i> , <i>Paleosuchus trigonatus</i>
<u>Annelida</u>	
Hirudinea ¹	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus crocodilus</i> , <i>Caiman latirostris</i> , <i>Caiman yacare</i> , <i>Crocodylus intermedius</i> , <i>Crocodylus johnstoni</i> , <i>Crocodylus niloticus</i> , <i>Crocodylus novaeguineae</i> ,

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	<i>Crocodylus porosus</i> , <i>Mecistops cataphractus</i> , <i>Osteolaemus tetraspis</i> , <i>Tomistoma schlegelli</i> , unknown crocodilian
<u>Nematoda</u>	
<i>Brevimulticaecum australiensis</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus porosus</i> , unknown crocodilian
<i>Brevimulticaecum baylisi</i>	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus</i> <i>crocodilus</i> , <i>Caiman yacare</i> , <i>Melanosuchus niger</i>
<i>Brevimulticaecum pintoi</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman latirostris</i>
<i>Brevimulticaecum stekhoveni</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , <i>Melanosuchus niger</i>
<i>Brevimulticaecum tenuicolle</i>	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus</i> <i>crocodilus</i> , <i>Melanosuchus niger</i> , unknown crocodilian
<i>Brevimulticaecum vandenbrandeni</i>	<i>Crocodylus niloticus</i> , <i>Mecistops cataphractus</i> , unknown crocodilian
<i>Crocodilocapillaria longiovata</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus noveaguineae</i> , <i>Crocodylus porosus</i> , <i>Osteolaemus tetraspis</i>
<i>Dujardinascaris chabaudi</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Duarjdinascaris dujardini</i>	<i>Crocodylus niloticus</i> , <i>Crocodylus porosus</i> , <i>Mecistops cataphractus</i> , unknown crocodilian
<i>Dujardinascaris harrisae</i>	<i>Crocodylus novaeguineae</i> , <i>Crocodylus porosus</i>

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Table 3. List of generalist and host-specific parasites

<i>Dujardinascaris helicina</i>	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus crocodilus</i> , <i>Crocodylus acutus</i> , <i>Crocodylus moreletii</i> , <i>Crocodylus rhombifer</i> , unknown crocodilian
<i>Dujardinascaris longispicula</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , unknown crocodilian
<i>Dujardinascaris madagascariensis</i>	<i>Crocodylus niloticus</i> , <i>Mecistops cataphractus</i> ,
<i>Dujardinascaris mawsonae</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus novaeguineae</i> , <i>Crocodylus porosus</i> , unknown crocodilian
<i>Dujardinascaris paulista</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i>
<i>Dujardinascaris taylorae</i>	<i>Crocodylus novaeguineae</i> , <i>Crocodylus porosus</i>
<i>Dujardinascaris tasmani</i>	<i>Mecistops cataphractus</i> , unknown crocodilian
<i>Dujardinascaris waltoni</i>	<i>Alligator mississippiensis</i> , <i>Crocodylus acutus</i> , unknown crocodilian
<i>Hartwichia rousseloti</i>	<i>Crocodylus niloticus</i> , <i>Mecistops cataphractus</i> ,
<i>Micropleura vazi</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , <i>Crocodylus acutus</i>
<i>Micropleura vivipara</i>	<i>Crocodylus niloticus</i> , <i>Crocodylus porosus</i> , <i>Gavial gangeticus</i> , unknown crocodilian
<i>Multicaecum agile</i>	<i>Caiman latirostris</i> , <i>Crocodylus johnstoni</i> , <i>Crocodylus niloticus</i> , <i>Crocodylus palustris</i> , <i>Gavial gangeticus</i> , <i>Mecistops cataphractus</i> , <i>Osteolaemus tetraspis</i> , unknown crocodilian

<i>Ortleppascaris alata</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , <i>Crocodylus intermedius</i> , <i>Crocodylus rhombifer</i> , <i>Melanosuchus niger</i> , unknown <i>Caiman</i> species
<i>Ortleppascaris antipini</i>	<i>Alligator mississippiensis</i> , <i>Crocodylus moreletii</i> , <i>Crocodylus rhombifer</i> , unknown crocodilian
<i>Ortleppascaris nigra</i>	<i>Crocodylus niloticus</i> , <i>Mecistops cataphractus</i> , <i>Osteolaemus tetraspis</i> , unknown crocodilian
<i>Oswaldofilaria bacillaris</i>	<i>Caiman crocodilus crocodilus</i> , <i>Melanosuchus niger</i>
<i>Paratrichosoma crocodylus</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus novaeguineae</i> , <i>Crocodylus porosus</i> , unknown crocodilian
<i>Paratrichosoma recurvum</i>	<i>Crocodylus acutus</i> , <i>Crocodylus moreletii</i>
<i>Terranova crocodili</i>	<i>Crocodylus acutus</i> , <i>Crocodylus johnstoni</i> , <i>Crocodylus porosus</i> , unknown crocodilian
<i>Terranova lanceolata</i>	<i>Alligator mississippiensis</i> , <i>Crocodylus moreletii</i> , <i>Melanosuchus niger</i>
<i>Trispiculascaris assymetrica</i>	<i>Crocodylus niloticus</i> , unknown crocodilian
<i>Trispiculascaris trispiculascaris</i>	<i>Caiman crocodilus crocodilus</i> , <i>Caiman crocodilus fuscus</i> , <i>Crocodylus niloticus</i> , unknown crocodilian
<i>Typhlophorus spratti</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus porosus</i>
<u>Arthropoda</u>	
<i>Agema silvaepalustris</i>	<i>Mecistops cataphractus</i> , <i>Osteolaemus tetraspis</i> , <i>Osteolaemus tetraspis osborni</i>

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Table 3. List of generalist and host-specific parasites

<i>Alofia ginae</i>	<i>Crocodylus porosus</i> , <i>Osteolaemus tetraspis osborni</i> , unknown crocodilian
<i>Alofia merki</i>	<i>Crocodylus porosus</i> , unknown crocodilian
<i>Alofia parva</i>	<i>Mecistops cataphractus</i> , <i>Osteolaemus tetraspis</i> , <i>Osteolaemus tetraspis osborni</i>
<i>Alofia platycephala</i>	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus crocodilus</i> , <i>Caiman latirostris</i> , <i>Crocodylus acutus</i> , unknown crocodilian
<i>Alofia simpsoni</i>	<i>Crocodylus niloticus</i> , unknown crocodilian
Diptera ¹	<i>Caiman crocodilus apaporiensis</i> , <i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , <i>Crocodylus niloticus</i> , <i>Melanosuchus niger</i> , <i>Paleosuchus palpebrosus</i> , <i>Paleosuchus trigonatus</i> , unknown crocodilian
Ixodes ¹	<i>Caiman yacare</i> , <i>Crocodylus intermedius</i> , <i>Crocodylus johnstoni</i> , <i>Crocodylus moreletii</i> , <i>Paleosuchus palpebrosus</i> , unknown crocodilian
<i>Leiperia australiensis</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus porosus</i>
<i>Leiperia cincinnalis</i>	<i>Crocodylus niloticus</i> , <i>Mecistops cataphractus</i>
<i>Leiperia gracilis</i>	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus crocodilus</i> , <i>Caiman yacare</i> , <i>Crocodylus acutus</i> , unknown crocodilian
<i>Sebekia acuminata</i> ³	Unknown Brazilian crocodilians

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Table 3. List of generalist and host specific parasites

<i>Sebekia cesarisi</i>	<i>Crocodylus niloticus</i> , unknown crocodilian
<i>Sebekia divestei</i>	<i>Crocodylus acutus</i> , unknown crocodilian
<i>Sebekia johnstoni</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus porosus</i>
<i>Sebekia mutliannulata</i>	<i>Crocodylus johnstoni</i> , <i>Crocodylus porosus</i>
<i>Sebekia okavangoensis</i>	<i>Crocodylus niloticus</i> , <i>Mecistops cataphractus</i> , <i>Osteolaemus tetraspis</i> , <i>Osteolaemus tetraspis osborni</i>
<i>Sebekia oxycephala</i>	<i>Alligator mississippiensis</i> , <i>Caiman crocodilus crocodilus</i> , <i>Caiman latirostris</i> , <i>Caiman yacare</i> , <i>Crocodylus acutus</i> , <i>Melanosuchus niger</i> , unknown crocodilian
<i>Sebekia wedli</i>	<i>Crocodylus niloticus</i> , unknown crocodilian
<i>Subtriquetra megacephala</i>	<i>Crocodylus palustris</i> , <i>Gavial gangeticus</i> , unknown crocodilian
<i>Subtriquetra shingleyi</i>	<i>Gavial gangeticus</i> , unknown crocodilian
<i>Subtriquetra subtriquetra</i>	<i>Caiman crocodilus crocodilus</i> , <i>Melanosuchus niger</i> , unknown crocodilian

SPECIALIST PARASITES

PARASITES	HOSTS
<u>Sarcomastigophora</u>	
<i>Trypanosoma cecili</i>	<i>Caiman crocodilus crocodilus</i>

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Table 3. List of generalist and host-specific parasites

<u>Apicomplexa</u>	
<i>Eimeria alligatori</i>	<i>Alligator mississippiensis</i>
<i>Eimeria caimani</i>	<i>Caiman yacare</i>
<i>Eimeria crocodyii</i>	<i>Crocodylus acutus</i>
<i>Eimeria hatcheri</i>	<i>Alligator mississippiensis</i>
<i>Eimeria kermoganti</i>	<i>Gavial gangeticus</i>
<i>Eimeria paraguayensis</i>	<i>Caiman yacare</i>
<i>Eimeria pintoii</i>	Unknown crocodilian
<i>Haemogregarina brasiliensis</i>	<i>Caiman crocodilus crocodilus</i>
<i>Hepatozoon serrai</i>	<i>Paleosuchus trigonatus</i>
<i>Haemogregarina sheppardi</i>	<i>Crocodylus niloticus</i>
<i>Isospora jacarei</i>	<i>Caiman latirostris</i>
<i>Isospora wilkei</i>	<i>Crocodylus acutus</i>
<i>Progarnia archosauriae</i>	<i>Caiman crocodilus crocodilus</i>
<i>Theileria kochi</i>	<i>Crocodylus niloticus</i>
<u>Platyhelminthes</u>	
<i>Acanthostomum minimum</i>	<i>Caiman crocodilus crocodilus</i>
<i>Acanthostomum pavidum</i>	<i>Alligator mississippiensis</i>
<i>Atrophocaecum slusarskii</i>	<i>Crocodylus palustris</i>
<i>Archaeodiplostomum acetabulata</i>	<i>Alligator mississippiensis</i>
<i>Capsulodiplostomum crocodilinum</i>	<i>Crocodylus palustris</i>
<i>Crocodicola caimanicola</i>	<i>Caiman latirostris</i>

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Table 3. List of generalist and host specific parasites

<i>Deurithitrema gingae</i>	<i>Crocodylus porosus</i>
<i>Distoma pyxidatum</i>	<i>Caiman crocodilus crocodilus</i>
<i>Dracovermis brayi</i>	<i>Mecistops cataphractus</i>
<i>Dracovermis microorcis</i>	<i>Gavial gangeticus</i>
<i>Dracovermis nicolli</i>	<i>Gavial gangeticus</i>
<i>Dracovermis occidentalis</i>	<i>Alligator mississippiensis</i>
<i>Dracovermis rudolphii</i>	<i>Crocodylus porosus</i>
<i>Griphobilharzia amoena</i>	<i>Crocodylus johnstoni</i>
<i>Neodiplostomum</i> sp. ²	<i>Mecistops cataphractus</i>
<i>Oistostomum caduceus</i>	Unknown crocodilian
<i>Paraostosomum novaeguineae</i>	<i>Crocodylus novaeguineae</i>
<i>Parastrigea arcuata</i>	<i>Crocodylus niloticus</i>
<i>Polycotyle ornata</i>	<i>Alligator mississippiensis</i>
<i>Proctocaecum atae</i>	<i>Crocodylus porosus</i>
<i>Proctocaecum blairi</i>	<i>Crocodylus johnstoni</i>
<i>Proctocaecum crocodili</i>	<i>Crocodylus porosus</i>
<i>Proctocaecum elongatum</i>	<i>Crocodylus porosus</i>
<i>Proctocaecum gairhei</i>	<i>Gavial gangeticus</i>
<i>Proctocaecum gonotyl</i>	<i>Crocodylus niloticus</i>
<i>Proctocaecum nicolli</i>	<i>Crocodylus johnstoni</i>
<i>Proctocaecum productum</i>	<i>Crocodylus niloticus</i>
<i>Proctocaecum vicinum</i>	<i>Crocodylus niloticus</i>
<i>Prohemistomum babai</i>	<i>Caiman crocodilus crocodilus</i>

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Table 3. List of generalist and host-specific parasites

<i>Proterodiplostomum intermedium</i>	<i>Caiman crocodilus crocodilus</i>
<i>Pseudocrocodilicola americanense</i>	<i>Alligator mississippiensis</i>
<i>Pseudocrocodilicola bychowskyi</i>	<i>Gavial gangeticus</i>
<i>Pseudocrocodilicola georgiana</i>	<i>Alligator mississippiensis</i>
<i>Pseudoneodiplostomum crocodilarum</i>	<i>Crocodylus porosus</i>
<i>Pseudoneodiplostomum crocodili</i>	<i>Crocodylus porosus</i>
<i>Pseudoneodiplostomum dolfusi</i>	<i>Crocodylus siamensis</i>
<i>Pseudoneodiplostomum gavialis</i>	<i>Gavial gangeticus</i>
<i>Pseudoneodiplostomum siamense</i>	<i>Crocodylus siamensis</i>
<i>Pseudoneodiplostomum thomasi</i> <i>gabonicum</i>	<i>Mecistops cataphractus</i>
<i>Renivermis crocodyli</i>	<i>Crocodylus porosus</i>
<i>Stephanoprora campomica</i>	<i>Caiman crocodilus crocodilus</i>
<i>Stephanoprora minutus</i>	<i>Gavial gangeticus</i>
<i>Stephanoprora natterei</i>	<i>Melanosuchus niger</i>
<i>Stephanoprora odhneri</i>	<i>Crocodylus niloticus</i>
“Surahi” sp. ²	<i>Gavial gangeticus</i>
<i>Timoniella absita</i>	<i>Crocodylus porosus</i>
<i>Timoniella incognita</i>	<i>Caiman crocodilus crocodilus</i>
<i>Timoniella unami</i>	<i>Crocodylus acutus</i>
<i>Tremapoleipsis gerberi</i>	<i>Osteolaemus tetraspis</i>
<u>Nematoda</u>	

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<i>Ascaris quadrata</i>	<i>Crocodylus porosus</i>
<i>Brevimulticaecum gibsoni</i>	<i>Melanosuchus niger</i>
<i>Dujardinascaris angusae</i>	<i>Crocodylus porosus</i>
<i>Dujardinascaris assymetrica</i>	Unknown crocodilian
<i>Dujardinascaris blairi</i>	<i>Crocodylus johnstoni</i>
<i>Dujardinascaris gedoelsti</i>	<i>Crocodylus niloticus</i>
<i>Dujardinascaris petterae</i>	<i>Osteolaemus tetraspis</i>
<i>Dujardinascaris philippinensis</i>	<i>Crocodylus porosus</i>
<i>Dujardinascaris puylaerti</i>	<i>Crocodylus niloticus</i>
<i>Dujardinascaris westonae</i>	<i>Crocodylus porosus</i>
<i>Dujardinascaris woodlandi</i>	<i>Gavial gangeticus</i>
<i>Gedoelstascaris lancerticola</i>	<i>Alligator mississippiensis</i>
<i>Gedoelstascaris vandenbrandei</i>	<i>Mecistops cataphractus</i>
<i>Goezia holmesi</i>	<i>Crocodylus porosus</i>
<i>Goezia gavialidis</i>	<i>Gavial gangeticus</i>
<i>Goezia lacerticola</i>	<i>Alligator mississippiensis</i>
<i>Micropleura australiensis</i>	<i>Crocodylus johnstoni</i>
<i>Micropleura helicospicula</i>	<i>Crocodylus palustris</i>
<i>Oswaldofilaria kanbaya</i>	<i>Crocodylus porosus</i>
<i>Oswaldofilaria medemi</i>	<i>Paleosuchus trigonatus</i>
<i>Oswaldofilaria versterae</i>	<i>Crocodylus niloticus</i>
<i>Trichinella papuae</i>	<i>Crocodylus porosus</i>
<i>Trichinella spiralis nelsoni</i>	<i>Crocodylus niloticus</i>

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Table 3. List of generalist and host-specific parasites

<i>Trichinella zimbabwensis</i>	<i>Crocodylus niloticus</i>
<i>Typhlophorus lammellaris</i>	<i>Gavial gangeticus</i>
<u>Arthropoda</u>	
<i>Agema</i> sp. ²	<i>Osteolaemus tetraspis osborni</i>
<i>Alofia adriatica</i> ³	Unknown crocodilian
<i>Alofia indica</i>	<i>Gavial gangeticus</i>
<i>Alofia nilotici</i>	<i>Crocodylus niloticus</i>
<i>Elenia travassosi</i> ³	Unknown crocodilian
<i>Porocephalus crocodili</i> ³	<i>Crocodylus acutus</i>
<i>Sebekia jubini</i>	<i>Crocodylus siamensis</i>
<i>Sebekia microhamus</i>	<i>Caiman crocodilus crocodilus</i>
<i>Sebekia mississippiensis</i>	<i>Alligator mississippiensis</i>
<i>Sebekia novaeguineae</i>	<i>Crocodylus novaeguineae</i>
<i>Sebekia purdieae</i>	<i>Crocodylus porosus</i>
<i>Sebekia samboni</i>	Unknown crocodilian
<i>Sebekia trinitatis</i>	<i>Caiman crocodilus crocodilus</i>
<i>Selfia porosus</i>	<i>Crocodylus porosus</i>

Explanation of numbered parasitic groups and genera

1. Although there are various paratenic parasites and vectors under these phyla, it is probable that the choice of host was not specific to the crocodilian species in question.

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Table 3. List of generalist and host specific parasites

2. Parasite genera is unique to crocodilian hosts, thus can be considered crocodilian host-specific.
3. Parasite is described only once but only found in crocodilian hosts thus is considered to be a crocodilian specific parasite.

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Addendum

Since the final edit was accepted, another report of crocodile parasitism has been published, as well as a study of the genetic divergence of *Osteolaemus* in different regions in Africa.

A nematode parasite was discovered in the Nile crocodile (La Grange et al., 2013). Its placement is described under the crocodile-parasite section below, omitting the already documented data within the monograph. The reference is included after the description.

***Crocodylus niloticus* (Cuvier 1807) Schmidt 1919**

Nile Crocodile

NEMATODA

TRICHURIDA

TRICHINELLIDAE

Trichinella zimbabweensis Pozio, Foggin, Marucci, Rosa, Sacchi, Corona, Rossi and Mukarartirwa 2002. Zimbabwe. Bridge and Old Pafuri Picnic Spot, Luvuvhu River, and Engelhardt Dam and Hlanganini Mouth, Letaba River, and Kanidood Dam, Shingwedzi River, and Mama Weir, Olifants River, and Lower Sabie Weir, Sabie Weir, Kruger National Park, South Africa. External tibial flexor, intercostal, longissimus complex, pterygoid, sternomastoid, tail, tongue, and tricep. Grange et al., 2013.

LA GRANGE, L.J., D. GOVENDER, AND S. MUKARATIRWA. 2013. The occurrence of *Trichinella zimbabwensis* in naturally infected wild crocodiles (*Crocodylus niloticus*) from the Kruger National Park, South Africa. *Journal of Helminthology* 87: 91-96.

Second, Franke et al. (2012) discovered that there are four distinct allopatric lineages of the African Dwarf Crocodile, *Osteolaemus tetraspis*, living in Africa, which included a Congo basin form (*O. osborni*), a West African form (*O. tetraspis*), an Ogooué Basin form (*O. sp. nov.*) and a new species that was closely related to *O. osborni*. Locality data for hosts is necessary for the correct assignment of parasites to species in this expanded genus.

FRANKE, A. F., AND F. SCHMIDT, C. BORGWARDT, D. BERNHARD, C. BLEIDORN, W.E. ENGELMANN, AND M. SCHLEGEL. 2012. Genetic differentiation of the African Dwarf Crocodile, *Osteolaemus tetraspis* Cope, 1861 (Crocodylia: Crocodylidae) and the consequences for European zoos. *Organisms, Diversity and Ecology* DOI: 10.1007/s13127-012-0107-1.