

**ENDOPARASITES OF SOME AMPHIBIA,
REPTILES AND SMALL MAMMALS
FROM TRINIDAD.**

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During field studies on the virology and ecology of arboreal and terrestrial vertebrates collected from northern Trinidad during the past 10 years, animals that were killed, or those that died, were examined for endoparasites, including some haemoparasites. The main collection areas were Chaguaramas, the north coast road to Maracas, Santa Cruz Valley, the sugar cane belt in the Piarco area, Aripo Savannahs/Waller Field, Turure Forest, and Vega de Oropuche.

The endoparasites identified are listed under the host animals found infected. Local and English language common names, where known, are given for the host species to assist with recognition. Data on the sites of parasitic infection have been omitted from the following lists.

AMPHIBIA

HOST

Bufo marinus (Linn.), Common toad: Crapaud; SALIENTIA – Bufonidae.

ENDOPARASITES

Choledocystus Revera & Cuocola (probably *intermedius*); TREMATODA.

Oswaldocruzia mazzai Travassos; NEMATODA – Strongyloidea.

Ochoterenella Caballero; NEMATODA – Filarioidea.

REPTILIA

HOST

Ameiva ameiva Cope, Zandolee; LACERTILIA – Teiidae.

ENDOPARASITES

Oochoristica Lühe; CESTODA – Cyclophyllidea.

Physaloptera Rudolphi; NEMATODA – Spiruroidea.

Spinicauda amarali Pereira; NEMATODA – Oxyuroidea.

Saurositus Macfie; NEMATODA – Filarioidea.

Piratuba Freitas & Lent (possibly a new species); NEMATODA – Filarioidea. *

Centrorhynchus Lühe (possibly *spinosum*); ACANTHOCEPHALA.

Tupinambis nigropunctatus Spix., Matte; LACERTILIA – Teiidae.

Physaloptera Rudolphi; NEMATODA – Spiruroidea.

Amphisbaena alba Linn., Two-headed snake; Bachac snake; LACERTILIA – Amphisbaenidae.

Raillietiella (Diesing) Sambon (probably *gigliolii*); PENTASTOMIDA Cephalobaenida.

Epicrates cenchria maurus Gray, Rainbow boa; Mapepire Velour or Jack; OPHIDIA – Boidae.

Hastospiculum onchocercum Chitwood; NEMATODA – Filarioidea.

Corallus enydris cookii Gray, Cook's tree boa; Cascabel or Mapanare; OPHIDIA – Boidae.

Haemogregarina Danilewsky (possibly *lühei*); PROTOZOA – Coccidia.

Dracunculus Reichard; NEMATODA – Dracunculoidea.

Boa constrictor constrictor (Linn.), Common boa; Macajuel; OPHIDIA – Boidae.

Haemogregarina Danilewsky (possibly *terzii*); PROTOZOA – Coccidia.

Haemogregarina Danilewsky (possibly *juxtannucleare*); PROTOZOA – Coccidia.

Ophiotaenia La Rue (possibly *grandis*); CESTODA – Proteocephaloidea.

Crepidobothrium gerrardi Baird; CESTODA – Proteocephaloidea.

Kalicephalus chitwoodi Caballero; NEMATODA – Strongyloidea.

Physaloptera Rudolphi; NEMATODA – Spiruroidea.
Hastospiculum onchocercum Chitwood; NEMATODA – Filarioidea.
Dracunculus Reichard; NEMATODA – Dracunculoidea.
Porocephalus clavatus (Wyman) Sambon; PENTASTOMIDA – Porocephalida.

Spilotes pullatus pullatus (Linn.), Tigre or Tigró; OPHIDIA – Colubridae (Aglypha).
Haemogregarina Danilewsky; PROTOZOA – Coccidia.

Chironius carinatus (Linn.), Golden tree snake: Yellow Matchete; OPHIDIA – Colubridae (Aglypha).
Haemogregarina Danilewsky; PROTOZOA – Coccidia.

Pseustes poecilonotus polylepis (Peters), Liana snake or Bird-eating snake; OPHIDIA – Colubridae (Aglypha).
Raillietiella (Diesing) Sambon; PENTASTOMIDA – Cephalobaenida.

Leimadophis reginae reginae (Linn.), High woods coral or Reticulated snake; OPHIDIA – Colubridae (Aglypha).
Centrorhynchus Luhe (possibly a new species); ACANTHOCEPHALA. *
Onicola Travassos or **Oligacanthorhynchus** Travassos; ACANTHOCEPHALA.
Raillietiella (Diesing) Sambon (probably *furcocerca* or *bicaudata*); PENTASTOMIDA – Cephalobaenida.

Clelia clelia clelia (Daudin), Cribo or Mussurana; OPHIDIA – Colubridae (Opisthoglypha).
Onicola Travassos or **Oligacanthorhynchus** Travassos; ACANTHOCEPHALA.
Kiricephalus (Stephens); PENTASTOMIDA – Cephalobaenida.†

Lachesis muta muta (Linn.), Bushmaster: Mapepire Z'anana; OPHIDIA – Viperidae.
Haemogregarina Danilewsky (possibly *seligmanni*); PROTOZOA – Coccidia.
Crepidobothrium gerrardi Baird; CESTODA – Proteocephaloidea. †

Kalicephalus Molin NEMATODA – Strongyloidea.
Porocephalus clavatus (Wyman) Sambon; PENTASTOMIDA – Porocephalida.

Bothrops atrox (Linn.), Fer-de-lance: Mapepire Balsin; OPHIDIA – Viperidae.
Porocephalus clavatus (Wyman) Sambon; PENTASTOMIDA –

MAMMALIA

HOST

Didelphis marsupialis marsupialis Linn., Black-eared Opossum: Manicou; MARSUPIALIA – Didelphidae.
 ENDOPARASITES
Hamanniella microcephala Rudolphi; ACANTHOCEPHALA.

Marmosa fuscata carri (J. A. Allen & Chapman), Lesser Trinidadian Murine Opossum; MARSUPIALIA – Didelphidae.
Skrjabinofilaria skrjabini Travassos; NEMATODA – Filarioidea.
Porocephalus (juveniles); PENTASTOMIDA – Porocephalida.

Marmosa mitis chapmani J. A. Allen, Greater Trinidadian Murine Opossum; MARSUPIALIA – Didelphidae.
Aspidodera Railliet & Henry; NEMATODA – Oxyuroidea.
Aspidodera raillieti Travassos; NEMATODA – Oxyuroidea.
Trichuris Roederer; NEMATODA – Trichuroidea.
Skrjabinofilaria skrjabini Travassos; NEMATODA – Filarioidea.
Porocephalus (juveniles); PENTASTOMIDA – Porocephalida.

Caluromys philander trinitatis (Thomas), Woolly Opossum: Manicou gros-yeux; MARSUPIALIA – Didelphidae.
Skrjabinofilaria skrjabini Travassos; NEMATODA – Filarioidea.

Rattus norvegicus (Berkenhout), Norway Rat or Wharf Rat (introduced); RODENTIA – MURIDAE.
Moniliformis moniliformis Bremser; ACANTHOCEPHALA.

Rattus rattus rattus (Linn.), Black Rat or Roof Rat (introduced); RODENTIA – Muridae.
Taenia taeniaeformis (Batsch) cysticercus; CESTODA Cyclophyllidea.

- Oryzomys capito velutinus** (J. A. Allen & Chapman), Terrestrial Rice Rat; RODENTIA – Cricetidae.
Trypanosoma forattini Coutinho & Pattoli; PROTOZOA – Protomonadina. +
Porocephalus (juveniles); PENTASTOMIDA – Porocephalida.
- Akodon urichi** J. A. Allen & Chapman, Grass Mouse; RODENTIA – Cricetidae.
Trypanosoma Gruby; PROTOZOA – Protomonadina.
Hymenolepis diminuta Rudolphi; CESTODA – Cyclophyllidae.
Aspidodera Railliet & Henry; NEMATODA – Oxyuroidea.
Trichuris Roederer; NEMATODA – Trichuroidea.
Protospirura Seurat; NEMATODA – Spiruroidea.
Heligmosomum Railliet & Henry; NEMATODA – Strongyloidea.
Porocephalus (juveniles); PENTASTOMIDA – Porocephalida.
- Zygodontomys brevicauda brevicauda** (J. A. Allen & Chapman), Trinidadian Cane Rat; RODENTIA – Cricetidae.
Hymenolepis diminuta Rudolphi; CESTODA – Cyclophyllidae.
Physaloptera Rudolphi; NEMATODA – Spiruroidea.
- Heteromys anomalus anomalus** (Thompson), Trinidadian Spiny Pocket Mouse or Pouched Rat; RODENTIA – Heteromyidae.
Heligmodendrium Travassos; NEMATODA – Strongyloidea.
- Proechimys guyanensis trinitatis** (J. A. Allen & Chapman), Lesser Trinidadian Spiny Rat; Long-tailed Pilori; RODENTIA – Echimyidae.
Trypanosoma Gruby (possibly *rangeli* complex); PROTOZOA – Protomonadina.
Heligmosomum Railliet & Henry; NEMATODA – Strongyloidea.
Dipetalonema proechimysis Esslinger; NEMATODA – Filarioidea. *
Porocephalus (juveniles); PENTASTOMIDA – Porocephalida.
- Echimys armatus castaneus** (J. A. Allen & Chapman), Greater Trinidadian Spiny Rat or Porcupine Rat; Pilori; RODENTIA – Echimyidae.
Dipetalonema proechimysis Esslinger; NEMATODA – Filarioidea. *

- Herpestes auropuncattus** (Hodgson), Small Indian Mongoose (introduced); CARNIVORA – Viverridae.
Physaloptera Rudolphi; NEMATODA – Spiruroidea.
Skriabinocapillaria (possibly a new species) NEMATODA – Trichuroidea. *
Capillaria Zeder; NEMATODA – Trichuroidea.

- * New species or presumptive new species
+ New record for Trinidad
† New host record.

New species described within the past year, or preliminary identifications which indicate a new species previously unknown to science are marked with an asterisk (*). Besides these new records, other endoparasites which have not been previously found on Trinidad are marked with a plus sign (+). A new host record has been indicated as follows: (†). Additional new records for Trinidad are probably contained within these lists, but they have not been included because of uncertainty. Species identification has not been possible in several instances because juvenile forms were represented, other stages in the life history required for complete identification were not present, or identifications could not be made from some genera containing a large number of species. These lists form an adjunct to the previous publications on Trinidadian endoparasites listed in the bibliography.

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