**Supplementary Material.**

**Parasite-Host List**

**FLAGELLATA**

**Phylum** Euglenozoa Cavalier-Smith, 1981

**Class** Kinetoplastida Honigberg, 1963

**Order** Trypanosomatida Kent, 1880

**Family** Trypanosomatidae Doflein, 1901

**Genus** *Trypanosoma*

**Specie** *Trypanosoma* sp.

**Host:** *Gymnotus* *curupira\** Crampton, Thorsen & Albert 2005, *Platydoras costatus* Linnaeus 1758, *Doras higuchii\** Sabaj Pérez & Birindelli 2008, *Hypostomus plecostomus* Linnaeus 1758, *Loricaria cataphracta* Linnaeus 1758, *Hypostomus pyrineusi* Miranda Ribeiro 1920*, Hemiodontichthys acipenserinus\** Kner 1853, *Pimelodus blochii* Valenciennes 1840, *Loricaria* sp., *Ancistrus dubius\** Eigenmann & Eigenmann 1889, *Ancistrus* sp., *Rineloricaria* sp., *Ossancora asterophysa\** Birindelli & Sabaj Pérez 2011, *Pimelodus pictus\** Steindachner 1876, *Limatulichthys griséus\** Eigenmann 1909, *Agamyxis pectinifrons*\* Cope 1870, *Platydoras armatulus\** Valenciennes 1840, *Pterygoplichthys pardalis* Castelnau 1855, *Agamyxis albomaculatus\** Peters 1877.

**Development stage:** Tripomastigota.

**Infestation site:** Blood.

**Local:** River Môa and Crôa, Acre.

**ACANTHOCEPHALA**

**Phylum Acanthocephala Kölreuter, 1771**

**Class Palaeacanthocephala Meyer 1831**

**Order Echinorhynchida Southwell & Macfie, 1925**

### Family/Genus/Specie Acanthocephala fam. gen. sp.

### **Host:** *Ageneiosus vittatus* Steindachner 1908, *Hoplerythrinus unitaeniatus* Spix & Agassiz 1829*, Opsodoras boulengeri*\*, *Laemolyta taeniata\** Kner, 1858, *Roeboides myersii\** Gill 1870, *Tatia intermedia\** Steindachner 1877*, Steindachnerina dobula\** Günther 1868, *Schizodon fasciatus* Spix & Agassiz 1829, *Trachydoras brevis* Kner 1853, *Nemadoras humeralis* Kner 1855, *Doras higuchii\** Sabaj Pérez & Birindelli, 2008, *Laemolyta taeniata*, *Prochilodus nigricans* Spix & Agassiz, 1829.

### Infestation site: Intestine.

**Development stage**: Adult.

**Local**: River Juruá, River môa, River Gama and Crôa, Acre and Amazonas.

**Família Cavisomidae Meyer, 1932**

**Genus:** *Paracavisoma* Kritscher, 1957

**Specie:** *Paracavisoma impudicum* Diesing, 1851

**Host:** *Opsodoras boulengeri\** Steindachner 1915.

**Infestation site:** Intestine.

**Development phase:**  Adult.

**Local**: River Juruá, River Môa, River Paranã, River Gama - Acre and Amazonas, first occurrence report for the Western Amazon.

**Family Diplosentidae Meyer, 1932**

**Subfamily Diplosentinae Tubangui & Masilungan, 1937**

**Genus** *Sharpilosentis* Lisitsyna, Scholz & Kuchta, 2015

**Specie** *Sharpilosentis peruviensis* Lisitsyna, Scholz & Kuchta, 2015

**Host:** *Nemadoras cristinae\** Sabaj Pérez, Arce H., Sousa & Birindelli, 2014, *Nemadoras humeralis\**, *Ossancora asterophysa\**, *Opsodoras boulengeri*\*, *Trachydoras brevis\** Kner 1853.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** River Môa, River Juruá, River Gama e River Paranã - Acre, Amazonas.

**Family Echinorhynchidae Cobbold 1879**

**Subfamily Echinorhynchinae Cobbold, 1879**

**Genus** *Echinorhynchus*

**Specie** *Echinorhynchus* sp.

**Host:** *Hypostomus plecostomus*Linnaeus 1758, *Schizodon borellii* Boulenger 1900, *Schizodon fasciatus* Spix & Agassiz 1829, adult intestine.

*Echinorhynchus paranensis* Machado Filho 1959- *Anodus orinocensis\**.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** River Môa, River Juruá, River Gama and River Paranã - Acre and Amazonas.

**Family** [**Rhadinorhynchidae**](https://ala-bie.sibbr.gov.br/ala-bie/species/244211#classification) **Luhe, 1912**

**Subfamily Rhadinorhynchinae**

**Genus** *Rhadinorhynchus*

**Specie** *Rhadinorhynchus plagioscionis*Thatcher, 1980

**Host:** *Laemolyta taeniata*\*, *Prochilodus nigricans*, *Leporinus jamesi\** Garman 1929.

**Infestation site**: Intestino.

**Development phase:** Adult.

**Local:** Môa River, Gama River and Paranã River- Acre and Amazonas, first record for the Western region of the Brazilian Amazon.

**Class Eoacanthocephala Van Cleve, 1936**

**Order Gyracanthocephala Van Cleave, 1936**

**Family Quadrigyridae Van Cleave, 1920**

**Subfamily Pallisentinae Van Cleave, 1928**

**Genus** *Palliolisentis*

**Specie** *Palliolisentis quinqueungulis*

**Host** *Triportheus angulatus* Spix & Agassiz 1829.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River e Paranã River- Acre e Amazonas, first record for the Western region of the Brazilian Amazon.

**Subfamily Quadrigyrinae Van Cleave, 1928**

**Genus** *Quadrigyrus* Van Cleave, 1920

**Specie** *Quadrigyrus* *machadoi* Fabio, 1983

**Host:** *Hoplias malabaricus* Bloch 1794, *Prochilodus nigricans*, *Roeboides affinis\** Günther 1868, *Ageneiosus sp.*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River and Paranã River - Acre and Amazonas, first record for the Western region of the Brazilian Amazon.

**Specie** *Quadrigyrus nickoli*Schmidt & Hugghins, 1973

**Host:** *Steindachnerina bimaculata*Steindachner 1876, *Satanoperca jurupari* Heckel 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River and Paranã River - Acre and Amazonas, first record for the Western region of the Brazilian Amazon.

# **Specie** *Quadrigyrus torquatus* Van Cleave, 1920

# **Host**: *Charax pauciradiatus\** Günter 1864, *Hoplerythrinus unitaeniatus*, *Laemolyta taeniata*\*, adult, intestine.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River, Juruá River and Paranã River- Acre e Amazonas, first record for the Western region of the Brazilian Amazon.

# **Order Neoechinorhynchida Southwell & MacFie, 1925**

**Family Neoechinorhynchidae Ward, 1917**

**Subfamily Gracilisentinae Petrochenko, 1956**

**Genus** *Gorytocephalus* Nickol & Thatcher, 1971

**Specie** *Gorytocephalus elongorchis* Thatcher 1979

**Host:** *Curimatella meyeri\** Steindachner 1882*, Limatulichthys griséus\** Eigenmann 1909, *Pterygoplichthys pardalis* Castelnau 1855.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River and Paranã River - Acre and Amazonas, first record for the Western region of the Brazilian Amazon.

**Specie** *Gorytocephalus plecostomorum* Nickol & Thatcher, 1971

**Host:** *Myloplus rubripinnis* Müller & Troschel 1844.

**Development phase:** Adult.

**Local:** Môa River e Juruá River - Acre and Amazonas, first record for the Western region of the Brazilian Amazon.

**Specie** *Gorytocephalus spectabilis* Machado-Filho 1959

**Hosts:** *Aguarunichthys* sp., *Erythrinus erithrinus* Bloch & Scheneider 1801.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River and Juruá River - Acre and Amazonas, first record for the Western region of the Brazilian Amazon.

**Specie** *Gorytocephalus* sp. Nickol & Thatcher, 1971

**Host:** *Curimatella meyeri*\*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River and Juruá River - Acre and Amazonas.

**Specie** *Gorytocephalus plecostomorum* Nickol & Thatcher, 1971

**Host:**  *Myloplus rubripinnis* Müller & Troschel 1844.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:**Môa River, Crôa River and Juruá River - Acre.

**Subfamily Neoechinorhynchinae Ward, 1917**

**Genus** *Neoechinorhynchus* Hamann in Stiles & Hassall, 1905

**Subgenus** *Neoechinorhynchus* (*Neoechinorhynchus*) Hamann in Stiles & Hassall, 1905.

**Specie** *Neoechinorhynchus* (*Neoechinorhynchus*) *curemai* Noronha, 1973.

**Hosts**: *Neoechinorhynchus curemai* Noronha 1973 - *Prochilodus nigricans*, *Laemolyta taeniata*\*, *Roeboides* sp.\*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Crôa River and Juruá River - Acre.

**Specie** *Neoechinorhynchus (Neoechinorhynchus) inermis* Brito-Porto, Silva-de Souza & de Oliveira-Malta, 2017

**Host** *Ageneiosus inermis* Linnaeus 1766, *Ageneiosus vittatus, Hoplerythrinus unitaeniatus*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Crôa River and Juruá River - Acre, first record for the Western region of the Brazilian Amazon.

**Specie** *Neoechinorhynchus* (*Neoechinorhynchus*) sp.

**Hosts:** *Biotodoma cupido* Heckel 1840, *Doras higuchii\*, Hoplias malabaricus, Prochilodus nigricans, Pimelodella humeralis\** Slobodian, Akama & Dutra 2017, *Platydoras costatus* Linnaeus 1758, *Pseudoplatystoma punctifer*Castelnau 1855, *Sorubim lima* Bloch & Schneider 1801.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Crôa River, Gama River, Paranã River and Juruá River - Acre and Amazonas.

**Specie** *Neoechinorhynchus (Neoechinorhynchus) pimelodi* Brasil-Sato & Pavanelli, 1998.

**Host** *Platydoras costatus* Linnaeus 1758.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Crôa River, Gama River, Paranã River and Juruá River - Acre and Amazonas.

# **Specie** *Neoechinorhynchus (Neoechinorhynchus) pterodoridis* Thatcher, 1981.

# **Host**: *Trachydoras brevis.* adult, intestine.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Crôa River, Gama River, Paranã River and Juruá River - Acre and Amazonas.

# **Specie** *Neoechinorhynchus (Neoechinorhynchus) veropesoi* Melo, Costa, Giese, Gardner & Santos, 2015

# **Host**: *Laemolyta taeniata*\*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Rio Môa, Rio Crôa, Rio Gama, Rio Paranã e Rio Juruá - Acre e Amazonas, first record for the Western region of the Brazilian Amazon.

**Genus** *Octospiniferoides* Bullock, 1957.

**Specie** *Octospiniferoides incognita* Schmidt & Hugghins 1973.

**Hosts:** *Schizodon fasciatus*, *Schizodon borellii* Boulenger 1900, *Laemolyta.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River and Crôa River - Acre and Amazonas.

# **Specie** *Octospiniferoides* sp.

# **Hosts**: *Dianema longibarbis* Cope 1872, *Tatia intermedia\*, Schizodon fasciatus*, *Leporinus* sp..

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River and Crôa River - Acre and Amazonas.

**CESTODA**

**Phylum Platyhelminthes Minot, 1876**

**SubPhylum Rhabditophora Ehlers, 1985**

**Superclass Neodermata Ehlers, 1985**

**Class Cestoda Rudolphi, 1808**

**Subclass Eucestoda**

**Order Cyclophyllidea Braun, 1900.**

**Family Gryporhynchidae Spassky & Spasskaya, 1973**

**Genus Valipora Linton, 1927**

**Specie** *Valipora campylancristrota*Wedl, 1855

**Host:** *Callichthys callichthys* Linnaeus 1758.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Order Onchoproteocephalidea Caira, Jensen, Waeschenbach, Olson & Littlewood, 2014.**

**Family/Genus/ Specie** Cestoda Fam. Gen. sp.

**Hosts:** *Ageneiosus vittatus,* *Acestrorhynchus falcirostris* Cuvier, 1819, *Brochis multiradiatus* Orcés V., 1960, *Crenicichla sp., Tatia intermedia\*, Trachelyopterus galeatus* Linnaeus, 1766, *Schizodon fasciatus, Sorubim lima*, *Crenicichla semicincta*\* Steindachner 1892, *Loricaria cataphracta* Linnaeus 1758.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Gama River, Santa Rosa River, Paranã River and Crôa River - Acre and /Amazonas.

**Family Proteocephalidae La Rue, 1911**

**Genus** *Ageneiella* de Chambrier & Vaucher, 1999.

# **Specie** *Ageneiella brevifilis*de Chambrier & Vaucher, 1999

**Infestation site**: Intestine.

**Development phase:** Adult.

# **Host**: *Ageneiosus inermis* Linnaeus 1766.

**Local:** Môa River, Juruá River, Gama River, Paranã River and Crôa River- Acre and Amazonas.

**Genus** *Paramonticellia* Pavanelli & Rego, 1991

**Specie** *Paramonticellia itaipuensis* Pavanelli & Rego, 1991

**Host** *Sorubim lima*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River and Crôa River - Acre e Amazonas, first occurrence record for Western Amazonia.

**Subfamily Corallobothriinae Freze, 1965**

**Genus** *Megathylacus* Woodland, 1934

# **Specie** *Megathylacus jandia* Woodland, 1934

# **Host:** *Pimelodina flavipinnis* Steindachner 1877.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River and Crôa River - Acre.

**Subfamily Endorchiinae Woodland, 1934**

**Genus** *Endorchis* Woodland, 1934

**Specie** *Endorchis auchenipteri* de Chambrier& Vaucher, 1999

**Host:** *Trachelyopterus galeatus.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Subfamily Ephedrocephalinae Mola, 1929**

**Genus** *Ephedrocephalus* Diesing, 1850.

**Specie** *Ephedrocephalus microcephalus* Diesing, 1850.

**Host:** *Pseudoplatystoma punctifer*Castelnau 1855.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Subfamily Monticelliinae La Rue, 1911**

**Genus** *Choanoscolex* La Rue, 1911

**Specie** *Choanoscolex abscisus* (Riggenbach, 1895) La Rue, 1911

**Hosts:** *Roeboides myersii* Gill 1870*, Pseudoplatystoma punctifer*Castelnau 1855, *Pterodoras granulosus* Valenciennes *Pseudoplatystoma reticulatum* Eigenmann 1889, 1821.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Paranã River and Crôa River - Acre and Amazonas.

**Specie** *Choanoscolex* sp.

**Host** *Tetragonopterus argenteus* Cuvier 1817.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Paranã River and Crôa River - Acre and Amazonas.

**Genus** *Monticellia* La Rue, 1911.

# **Specie** *Monticellia belavistensis* Pavanelli, Machado, Takemoto & Santos, 1994.

# **Hot:** *Pterodoras granulosus*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River, Paranã River and Crôa River - Acre and Amazonas.

# **Specie** *Monticellia* sp. La Rue, 1911

# **Hosts:** *Pseudoplatystoma punctifer*Castelnau 1855, *Leporinus* sp..

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River and Crôa River - Acre and Amazonas.

**Genus** *Spasskyellina* Freze, 1965

**Specie** *Spasskyellina spinulifera* Woodland, 1935

**Hosts:** *Pseudoplatystoma punctifer*Castelnau 1855, *Pseudoplatystoma reticulatum* Eigenmann 1889.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Genus** *Spatulifer* Woodland, 1934

**Specie** *Spatulifer maringaensis*Pavanelli & Rego, 1989

**Host:** *Sorubim lima*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Spatulifer rugosa* Woodland, 1935

**Host:** *Pseudoplatystoma* *reticulatum*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River,Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Spatulifer* sp.

**Hosts** *Calophysus macropterus*, *Pseudoplatystoma punctifer*Castelnau 1855, *Sorubim lima.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River,Paranã River, Juruá River and Crôa River - Acre and Amazonas.

**Subfamily Peltidocotylinae Woodland, 1934**

**Genus** *Luciaella* Gil de Pertierra, 2009.

**Specie** *Luciaella ivanovae* Gil de Pertierra, 2009.

**Host:** *Ageneiosus inermis* Linnaeus 1766.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Subfamily Proteocephalinae La Rue, 1911**

**Genus** *Cangatiella* Pavanelli & dos Santos, 1991

**Specie** *Cangatiella arandasi*Santos, 1991

**Hosts:** *Tatia intermedia\*, Trachelyopterus galeatus* Linnaeus, 1766, adult, intestine.

*Houssayela sudobim* Woodland, 1935 - *Pseudoplatystoma punctifer*Castelnau 1855.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Gama River ,Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Genus** *Proteocephalus* Weinland, 1858

**Specie** *Proteocephalus fossatus* Riggenbach, 1895

**Host** *Doras higuchii\*, Pterydoras granulosus* Valenciennes 1821.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Proteocephalus gibsoni* Rego & Pavanelli, 1991

**Host:** *Cichla pleiozona\** Kullander & Ferreira, 2006.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River and Paranã River - Acre and Amazonas.

**Specie** *Proteocephalus jandiá* Woodland, 1934

**Host:** *Ossancora asterophysa\**.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River and Paranã River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Proteocephalus macrocephalus*Creplin 1825

**Host:** *Cynodon gibbus* Agassiz 1829.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Juruá River and Gama River- Acre and Amazonas.

**Specie** *Proteocephalus renaudi*de Chambrier & Vaucher, 1994

**Host:** *Platydoras costatus* Linnaeus 1758.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:**Môa River, Juruá River and Gama River- Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Proteocephalus* sp.

**Hosts:** *Anadoras weddellii\** Castelnau 1855, *Brochis multiradiatus* Orcés V. 1960, *Hypophthalmus edentatus* Spix & Agassiz 1829, *Pseudoplatystoma* *reticulatum* Eigenmann, 1889, *Sorubimichthys planiceps* Bloch & Schneider 1801, *Tenellus trimaculatus* Boulenger 1898, *Cichla pleiozona\*, Calophysus macropterus*, *Hemisorubim platyrhynchos*, *Pseudoplatystoma punctifer*Castelnau 1855, *Roeboides* sp., *Prochilodus nigricans*, *Pterygoplichthys lituratus* Miranda Ribeiro 1920, *Synbranchus caripunas\*, Tenellus trimaculatus* Boulenger, 1898.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Santa Rosa River, Crôa River, Gama River and Paranã River - Acre and Amazonas.

**Specie** *Pseudocrepidobothrium* sp.

**Host:** *Calophysus macropterus.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Subfamily Zygobothriinae Woodland, 1933**

**Genus** *Amphoteromorphus* Diesing, 1850

**Specie** *Amphoteromorphus peniculus* Diesing, 1850.

**Hosts:** *Hemisorubim platyrhynchos* Valenciennes 1840, adult, intestine.

*Amphoteromorphus piraeeba* Woodland 1934 - *Crenicichla cincta\** Regan 1905, adult, intestine.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Genus** *Nomimoscolex* Woodland, 1934

# **Specie** *Nomimoscolex guillermoi*Gil de Pertierra, 2003

# **Host:** *Gymnotus chaviro\*.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River,Juruá River, Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Nomimoscolex lenha* Woodland, 1933.

**Hot:** *Sorubimichthys planiceps\** Bloch & Schneider, 180.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River, Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Nomimoscolex sudobim* Woodland, 1935.

**Hosts:** *Hemisorubim platyrhynchos*\* Valenciennes 1840, *Pseudoplatystoma punctifer*Castelnau 1855.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Gama River, Paranã River and Crôa River - Acre and Amazonas.

**Specie** *Nomimoscolex* sp.

**Host** *Pseudoplatystoma* *reticulatum* Eigenmann, 1889.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Paranã River and Crôa River - Acre and Amazonas.

**Genus** *Gibsoniela* Rego, 1984

**Specie** *Gibsoniela mandube* Woodland, 1935

**Hosts:** *Ageneiosus inermis* Linnaeus 1766, *Ageneiosus vittatus.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Paranã River and Crôa River- Acre and Amazonas.

**Specie** *Gibsoniela* sp.

**Hosts** *Anadoras weddellii\** Castelnau 1855, *Leporinus jamesi* Garman 1929, *Pseudoplatystoma reticulatum* Eigenmann 1889, *Sorubim lima*.

**Infestation site**: Intestine.

**Development phase:** Adult

**Local:** Paranã River, Gama River and Crôa - Acre and Amazonas.

**Genus** *Goezeella* Fuhrmann 1916

**Specie** *Goezeella* sp.

**Hosts** *Hemisorubim platyrhynchos* Valenciennes 1840, *Tatia intermedia\**, *Pseudoplatystoma punctifer*Castelnau 1855.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Gama River and Môa River - Acre and Amazonas.

**DIGENEA**

**Phylum** [**Platyhelminthes**](https://ala-bie.sibbr.gov.br/ala-bie/species/143008#classification) **Claus, 1887**

**SubPhylum Rhabditophora Ehlers, 1985**

**Superclass Neodermata Ehlers, 1985**

**Class** [**Trematoda**](https://ala-bie.sibbr.gov.br/ala-bie/species/174413#classification) **Rudolphi, 1808**

**Subclass Digenea Carus, 1863**

**Order/Family/Genus/Specie:** Digenea fam. gen. sp.

**Hosts:** *Chaetobranchus flavescens* Heckel 1840, *Crenicichla reticulata\**Heckel 1840*,* *Erythrinus erythrinus* Bloch & Schneider 1801*, Hoplerythrinus unitaeniatus* Spix & Agassiz 1829, *Tatia intermedia\*, Tenellus trimaculatus* Boulenger 1898, *Pseudoplatystoma reticulatum*, Prochilodus *nigricans, Sorubim lima*, *Tetragonopterus argenteus* Cuvier 1816, *Triportheus angulatus* Spix & Agassiz 1829*, Roeboides myersii\** Gill 1870.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Juruá River, Santa Rosa River, Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Order Plagiorchiida La Rue, 1957**

**Suborder Apocreadiata Olson, Cribb, Tkach, Bray & Littlewood, 2003.**

**Superfamily Apocreadioidea Skrjabin, 1942**

**Family Apocreadiidae Skrjabin, 1942**

**Subfamily** [**Apocreadiinae**](https://ala-bie.sibbr.gov.br/ala-bie/species/133236#classification) **Skrjabin, 1942**

**Genus** *Crassicutis* Manter, 1936.

**Specie** *Crassicutis cichlasomae* Manter 1936

**Hosts:** *Biotodoma cupido* Heckel 1840, *Chaetobranchus flavescens, Prochilodus nigricans, Satanoperca jurupari*, *Laetacara flavilabris*, *Sturisoma tenuirostris\** Steindachner, 1910.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River and Gama River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Crassicutis intermedius*Szidat 1954*.*

**Hosts** *Dianema* sp*.\*, Loricaria cataphracta* Linnaeus 1758.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Môa River and Gama River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Specie** *Crassicutis* *manteri* Pantoja, Scholz, Luque & Perez-Ponce de León, 2021.

**Hosts:** *Boulengerella* *maculata\** Valenciennes 1850, *Dianema* sp.\*, *Laetacara flavilabris* cope 1870, *Satanoperca jurupari* Heckel 1840, *Satanoperca pappaterra* Heckel 1840, *Psectrogaster amazônica*\* Eigenmann & Eigenmann 1889, adulto, Intestine.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Suborder Bucephalata La Rue, 1926**

**Superfamily Bucephaloidea Poche, 1907**

**Family Bucephalidae Poche, 1907****Genus/ Specie**  [Bucephalidae](https://ala-bie.sibbr.gov.br/ala-bie/species/245900#classification) gen. sp.

**Hosts:** *Hemisorubim platyrhynchos* Valenciennes 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River- Acre and Amazonas.

**Subfamily Paurorhynchinae Dickerman, 1954**

**Genus** *Bellumcorpus* Kohn, 1962.

**Specie** *Bellumcorpus majus* Kohn, 1962

**Hosts:** *Acestrorhynchus falcirostris* Cuvier 1819), *Acestrorhynchus heterolepis* cope 1878, *Acestrorhynchus* sp. *Bryconops caudomaculatus* Günther 1864, *Acestrorhynchus microlepis* Schomburgk, 1841, *Myloplus arnoldi* Ahl 1936.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas.

**Specie** *Bellumcorpus schubarti*Kohn, 1963

**Host:** *Hoplerythrinus unitaeniatus* Spix & Agassiz 1829.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Genus** *Prosorhynchoides* Dollfus, 1929

**Specie** *Prosorhynchoides carvajali*

**Host** *Acestrorhynchus falcirostris* Cuvier, 1819.

**Infestation site**: Intestinal cavity

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River- Acre and Amazonas, first occurrence record for Western Amazonia.

**Suborder Haploporata Pérez-Ponce de León & Hernández-Mena, 2019.**

**Superfamily Haploporoidea Nicoll, 1914.**

**Family Haploporidae Nicoll, 1914**

**Subfamily Haploporinae Nicoll, 1914.**

**Genus** *Unisaccus* Martin, 1973.

# **Specie** *Unisaccus prochilodorum* Thatcher & Dossman 1976

# **Host:** *Prochilodus nigricans*.

**Infestation site**: Intestinal cavity

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas, first occurrence record for Western Amazonia.

# **Subfamily Waretrematinae Srivastava, 1937**

**Genus** *Saccocoelioides* Szidat, 1954

**Specie** *Saccocoelioides magnorchis* Thatcher, 1978

**Hosts:** *Prochilodus nigricans, Sturisoma tenuirostris\** Steindachner 1910.

**Infestation site**: Intestinal cavity

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas, first occurrence record for Western Amazonia.

# **Specie** *Saccoelioides*  sp.

# **Host:** *Spatuloricaria* sp*.*,

**Infestation site**: Intestinal cavity

**Development phase:** Adult.

**Local:** Paranã River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Suborder Hemiurata Skrjabin & Guschanskaja, 1954.**

**Superfamily Hemiuroidea Looss, 1899**

**Family Derogenidae Nicoll, 1910.**

**Subfamily Halipeginae Poche, 1926.**

**Genus** *Genarchella* Travassos, Artigas & Pereira, 1928.

**Specie** *Genarchella genarchella* Travassos, Artigas & Pereira, 1928

**Hosts:** *Limatulichthys griséus\** Eigenmann 1909, *Megalechis* *thoracata* Valenciennes 1840, *Plagioscion squamosissimus* Heckel 1840, *Boulengerella* *maculata\**, *Bryconops caudomaculatus*, *Nemadoras humeralis*, *Trachelyopterus galeatus*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas.

**Specie** *Genarchella isabellae*Lamothe-Argumedo, 1977.

**Host:**  \**Biotodoma cupido* Heckel 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas.

**Specie** *Genarchella* sp.

**Hosts:** *Pimelodella. Humeralis\** Slobodian, Akama & Dutra 2017, *Hypostomus pyrineusi\** Miranda Ribeiro 1920, *Limatulichthys griséus\*, Trachydoras brevis\**, *Tenellus trimaculatus*.

**Genus** *Thometrema* Amato, 1968

**Specie** *Thometrema* sp.

**Host:** *Biotodoma cupido\** Heckel 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Acre and Amazonas.

**Family** [**Didymozoidae**](https://ala-bie.sibbr.gov.br/ala-bie/species/147452#classification) **Monticelli, 1888**

**Subfamily Didymozoinae Monticelli, 1888**

**Tribe Didymozoini Monticelli, 1888**

**Genus** *Brasicystis* Thatcher, 1979

# **Specie** *Brasicystis bennetti* Thatcher, 1979

# **Host**: *Hoplias malabaricus.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Suborder Opisthorchiata La Rue, 1957**

**Superfamily Opisthorchioidea Looss, 1899**

**Family Cryptogonimidae Ward, 1917**

**Genus** *Acanthostomum* Looss, 1899.

**Specie** *Acanthostomum* sp.

**Hosts:** *Brochis multiradiatus* Orcés V. 1960, *Ossancora asterophysa\** Birindelli & Sabaj Pérez 2011, *Tenellus trimaculatus* Boulenger, 1898.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River andMôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Family Heterophyidae Odhner, 1914**

**Genus** *Ascocotyle* Looss, 1899

**Specie** *Ascocotyle* sp.

**Hosts** *Acestrorhynchus* sp., *Platydoras armatulus\** Valenciennes 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Gama River and Crôa Rive - Acre and Amazonas, first occurrence record for Western Amazonia.

**Family Opisthorchiidae Looss, 1899**

**Genus** *Witenbergia* Vaz, 1932

**Specie** *Witenbergia witenbergi*Vaz, 1932.

**Host** *Dianema* sp.\*, adult, intestine.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Gama River and Crôa River - Acre and Amazonas, first occurrence record for Western Amazonia.

**Suborder Pronocephalata Skrjabin, 1955**

**Superfamily Paramphistomoidea Fischoeder, 1901**

**Family Cladorchiidae Fischoeder, 1901**

**Genus/Specie** Cladorchiidae gen. sp.

**Hosts:** *Steindachnerina bimaculata*\* Steindachner 1876.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Subfamily Colocladorchiinae Sey, 1988**

**Genus** *Colocladorchis* Thatcher, 1979

**Specie** *Colocladorchis ventrastomis* Thatcher, 1979

**Host** *Cheirocerus* sp.\**.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River and Môa River - Amazonas and Acre, first record of occurrence for the Brazilian Western Amazon.

**Subfamily Dadayiinae Fukui, 1929**

**Genus** *Anavilhanatrema* Thatcher, 1992.

**Specie** *Anavilhanatrema robustum* Thatcher, 1992

**Host:** *Megalechis* *thoracata* Valenciennes 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Dadaytrema* Travassos, 1931

**Specie** *Dadaytrema* *gracile*Lunaschi 1989

**Host:** *Acestrorhynchus falcirostris* Cuvier 1819*, Pimelodus blochii* Valenciennes 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River- Acre and Amazonas.

**Specie** *Dadaytrema minimum* Vaz, 1932*.*

**Hosts:** *Calophysus macropterus* Lichtenstein 1819, *Pterodoras granulosus.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River and Paranã River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Specie** *Dadaytrema oxycephalum* Diesing 1836.

**Hosts:** *Acestrorhynchus* sp., *Acestrorhynchus heterolepis*, *Anodus orinocensis* Steindachner 1887, *Ancistrus dubius* Eigenmann & Eigenmann 1889, *Ageneiosus vittatus, Bryconops caudomaculatus* Günther 1864, *Dianema longibarbis*\* Cope 1872, *Electrophorus voltai\** de Santana, Wosiacki, Crampton, Sabaj, Dillman, Castro e Castro Bastos & Vari, 2019, *Leiarius marmoratus\** Gill, 1870, *Nemadoras cristinae\** Sabaj, Pérez, Arce H., Sousa & Birindelli 2014, *Myloplus rubripinnis, Nemadoras. humeralis*, *Ossancora asterophysa\*, Pimelodus pictus\** Steindachner 1876, *Pimelodus blochii, Platydoras armatulus, Platydoras costatus*, *Prochilodus nigricans, Pterodoras granulosus*, *Leporinus* sp*., Roeboides myersii*, *Trachydoras brevis*, *Trachelyopterus* sp., adulto, intestino.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River, Santa Rosa River, Juruá River and Môa River - Acre and Amazonas.

**Specie** *Dadaytrema* sp.

**Host:** *Anadoras weddellii\** Castelnau 1855, *Aguarunichthys* sp. *Cyphocharax spilurus\** Günther 1864, *Limatulichthys griséus\** Eigenmann 1909, *Platydoras costatus*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River, Santa Rosa River, Juruá River and Môa River - Acre and Amazonas.

**Genus** *Doradamphistoma* Thatcher, 1999.

**Specie** *Doradamphistoma parauchenipteri* (Lunaschi, 1989) Pantoja, Scholz, Luque & Jones, 2019.

**Hosts:** *Tatia intermedia\*, Trachelyopterus* sp., *Auchenipterus ambyiacus\** Fowler 1915, *Ageneiosus inermis* Linnaeus 1766*, Gynmotus curupira\*, Trachelyopterus galeatus* Linnaeus 1766.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Specie** *Doradamphistoma bacuense* Thatcher, 1999

**Hosts** *Nemadoras humeralis* Kner 1855, *Platydoras costatus* Linnaeus 1758.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Gama River, Paranã River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Specie** *Doradamphistoma* sp.

**Hosts:** *Ossancora asterophysa\*, Platydoras costatus* Linnaeus, 1758.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River and Môa River - Acre.

**Genus** *Dadaytremoides* Thatcher, 1979

**Specie** *Dadaytremoides grandistomis* Thatcher, 1979

**Host:** *Psectrogaster amazônica\** Eigenmann & Eigenmann 1889.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Dadayius* Fukui, 1929

**Specie** *Dadayius pacupeva* Lacerda, Takemoto & Pavanelli, 2003.

**Hosts:** *Cyphocharax notatus\** Steindachner 1908, *Metynnis luna* Cope 1878, *Myloplus rubripinnis, Mylossoma* sp..

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Juruá River and Môa River- Acre andAmazonas.

**Specie** *Dadayius pacuensis* Thatcher, Sey & Jégu, 1996.

**Hosts:** *Cyphocharax notatus\**, *Myloplus rubripinnis*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River and Môa River - Acre and Amazonas.

**Specie** *Dadayius* sp..

**Hosts:** *Agamyxis pectinifrons\** Cope 1870, *Doras higuchii\*, Dianema* sp*.\*, Ossancora asterophysa\**, *Cyphocharax notatus\**, *Myloplus rubripinnis*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River and Môa River - Acre and Amazonas.

**Genus** *Deltamphistoma* Thatcher & Jégu, 1996.

**Specie** [*Deltamphistoma pitingaense*Thatcher & Jégu, 1996](https://ala-bie.sibbr.gov.br/ala-bie/species/212139#classification)**.**

**Host:**  *Myloplus rubripinnis.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Rio Gama, Rio Juruá e Rio Môa - Acre e Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Specie** [*Deltamphistoma*](https://ala-bie.sibbr.gov.br/ala-bie/species/212139#classification) sp.

**Host** *Myloplus rubripinnis*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Rio Gama, Rio Juruá e Rio Môa - Acre e Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Goeldamphistomum* Pantoja, Scholz, Luque & Jones, 2018.

**Specie** *Goeldamphistomum peruanum* Pantoja, Scholz, Luque & Jones, 2018

**Host:** *Pimelodina flavipinnis\** Steindachner 1876.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River, Crôa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Microrchis* Daday, 1907

**Specie** *Microrchis oligovitellum* Lunaschi, 1987

**Hosts:** *Hemidoras stenopeltis\*, Platydoras armatulus*, *Pterodoras granulosus*, *Trachelyopterus* sp..

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River and Crôa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Subfamily Kalitrematinae Travassos, 1933**

**Genus** *Betamphistoma* Thatcher & Jégu, 1996

**Specie** *Betamphistoma jariense*Thatcher & Jégu, 1996.

**Host** *Platydoras armatulus* Valenciennes 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Môa River and Gama River - Amazonas and Acre, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Iquitostrema* Pantoja, Scholz, Luque & Jones, 2018.

**Specie** *Iquitostrema papillatum* Pantoja, Scholz, Luque & Jones 2018

**Hosts:** *Amblydoras affinis\** Kner 1855*, Agamyxis albomaculatus\** Peters 1877, *Agamyxis pectinifrons\** Cope 1870, *Megalechis* *thoracata* Valenciennes 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Môa River and Gama River - Amazonas and Acre, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Pseudocladorchis* Daday, 1907.

**Specie** *Pseudocladorchis nephrodorchis* Daday, 1907.

**Host:** *Laemolyta taeniata\** Kner 1858.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Rio Paranã, Rio Môa e Rio Gama - Amazonas e Acre, first record of occurrence for the Brazilian Western Amazon.

**Specie** *Pseudocladorchis romani*Pantoja, Scholz, Luque & Jones, 2019.

**Hosts:** *Agamyxis pectinifrons*\*, *Pterodoras granulosus*, *Megalodoras uranoscopus*Eigenmann & Eigenmann, 1888.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Gama River - Amazonas and Acre, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Kalitrema* Travassos, 1933.

**Specie** *Kalitrema kalitrema* Travassos, 1933.

**Host:** *Loricaria* sp..

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River and Gama River - Amazonas and Acre, first record of occurrence for the Brazilian Western Amazon.

**Subfamily Travassosiniinae Sey, 1988**

**Genus** *Travassosinia* Vaz, 1932

**Specie** *Travassosinia dilatata* Daday, 1907

**Host:** *Tenellus trimaculatus* Boulenger 1898.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Rio Crôa, Rio Môa e Rio Gama - Amazonas e Acre, first record of occurrence for the Brazilian Western Amazon.

**Family Zonocotylidae Yamaguti, 1963.**

**Genus** *Zonocotyle* Travassos, 1947.

# **Specie** *Zonocotyle* sp.

# **Host:** *Curimatella meyeri*\*.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Môa River and Gama River - Amazonas and Acre, first record of occurrence for the Brazilian Western Amazon.

# **Suborder Xiphidiata**

**Superfamily Gorgoderoidea Looss, 1901**

# **Family** [Allocreadiidae](https://ala-bie.sibbr.gov.br/ala-bie/species/244732#classification) Scholz, Aguirre-Macedo & Choudhury, 2004

**Genus** *Allocreadium* Looss, 1900

**Specie** *Allocreadium*sp.

**Host:** *Pygocentrus nattereri* Kner 1858.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Genus** *Creptotrema* Scholz, Aguirre-Macedo & Choudhury, 2004.

# **Specie** *Creptotrema creptotrema* Travassos, Artigas & Pereira, 1928.

# **Host:** *Auchenipterichthys coracoideus* Eigenmann & Allen 1942, adult.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

# **Specie** *Creptotrema Foliaceus* Curran, Tkach & Overstreet 2011

# **Host:** *Bryconops caudomaculatus* Günther 1864.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Specie** *Creptotrema lobata* Hernandez-Mena, Lynggaard, Mendoza-Garfias & Perez-Ponce de Leon, 2016*.*

**Hosts:\****Bryconops caudomaculatus*Günther 1864,*Megalechis* *thoracata* Valenciennes 1840.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River- Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

# **Specie** *Creptotrema creptotrema* Travassos, Artigas & Pereira, 1928.

# **Host:** *Auchenipterichthys coracoideus* Eigenmann & Allen 1942, adult.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Specie** *Creptotrema* sp*.*

**Hosts** *Ageneiosus* sp., *Myloplus rubripinnis.*

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first record of occurrence for the Brazilian Western Amazon.

**Family Callodistomidae Odhner, 1910**

**Genus** *Prosthenhystera* Travassos, 1922

**Specie** *Prosthenhystera obesa* Diesing 1850

**Hosts:** *Acestrorhynchus falcatus*, *Acestrorhynchus falcirostris*, *Acestrorhynchus heterolepis*, *Acestrorhynchus* sp., *Ageneiosus inermis*, *Aequidens tetramerus* Heckel 1840, *Auchenipterichthys thoracatus\**, *Boulengerella* *maculata\** Valenciennes 1850, *Corydoras armatus\** Günther 1868, *Cheirocerus* sp.\**, Crenicichla* sp., *Erythrinus erythrinus* Bloch & Schneider 1801, *Hemidoras stenopeltis\**, *Heros severus* Heckel, 1840*,*  *Hoplias malabaricus*, *Hoplerythrinus unitaeniatus,*  *Hypostomus pyrineusi\** Miranda Ribeiro 1920*, Laemolyta taeniata\** Kner 1858, *Laetacara  flavilabris\** Cope 1870*, Loricaria* sp.,  *Myloplus arnoldi*\*, *Nemadoras humeralis* Kner 1855*, Ossancora asterophysa\**, *Pimelodella humeralis* Slobodian, Akama & Dutra 2017, *Pimelodella* sp. *Pygocentrus nattereri* Kner 1858, *Prochilodus nigricans,* *Pseudanos trimaculatus\** Kner 1858*, Satanoperca jurupari*, *Serrasalmus maculatus* Kner 1858, *Roeboides* sp., *Tenellus trimaculatus* Boulenger, 1898.

**Infestation site** : Bile

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Specie** *Prosthenhystera oonastica*Tkach & Curran, 2015

**Host:** *Amblydoras affinis\** Kner 1855, adulto, Intestine.

**Infestation site** : Bile

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River- Acre and Amazonas.

**Family** [**Gorgoderidae**](https://ala-bie.sibbr.gov.br/ala-bie/species/203311#classification) **Looss, 1899**

**Subfamily Gorgoderinae Looss, 1899**

**Genus** *Amazonadistoma* Thatcher, 1979

**Specie** *Amazonadistoma negrense* Thatcher, 1979

**Host:**  *Magosternarchus raptor\**Lundberg 1996.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:**  Gama River and Môa River - Acre and Amazonas, first occurrence for the Brazilian Western Amazon.

**Genus** *Phyllodistomum* Braun, 1899

**Specie** *Phyllodistomum elongatum* Nybelin 1926

**Host:** *Crenicichla cincta\** Regan 1905.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:**  Gama River, Crôa River and Paranã River - Acre and Amazonas, first occurrence for the Brazilian Western Amazon.

**Specie** *Phyllodistomum* sp.

**Hosts** *Amblydoras affinis\** Kner 1855, *Auchenipterichthys thoracatus\**, *Ctenobrycon* sp.*,* *Doras higuchii\*, Dianema* sp*.\*, Gymnotus chaviro\*, Laemolyta taeniata\**, *Myloplus rubripinnis, Nemadoras humeralis, Ossancora asterophysa\*, Trachydoras brevis\**.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:**  Gama River, Juruá River, Môa River, Crôa River and Paranã River - Acre and Amazonas.

**Specie** *Phyllodistomum spatula* Odhner 1902

**Host:** *Pimelodella* sp., *Tenellus trimaculatus* Boulenger, 1898, *Pseudoplatystoma* *reticulatum* Eigenmann 1889.

**Infestation site**: Intestine.

**Development phase:** Adult.

**Local:** Môa River, Crôa River and Paranã River- Acre and Amazonas, first occurrence for the Brazilian Western Amazon.

**Order Diplostomida Olson, Cribb, Tkach, Bray & Littlewood, 2003.**

**Suborder Diplostomata Olson, Cribb, Tkach, Bray & Littlewood, 2003.**

**Superfamily Diplostomoidea Poirier, 1886.**

**Family Diplostomidae Poirier, 1886.**

**Subfamily Crassiphialinae Sudarikov, 1960**

**Genus** *Posthodiplostomum* Dubois, 1936.

**Specie** *Posthodiplostomum* sp.

**Hosts:** *Auchenipterus brachyurus\*, Hoplias malabaricus*, *Myloplus rubripinnis.*

**Infestation site**: Swimming bladder.

**Development phase:** Metacerarian.

**Local:** Juruá River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Subfamily Diplostominae Poirier, 1886**

**Genus** *Austrodiplostomum* Szidat & Nani, 1951.

**Specie** *Austrodiplostomum compactum* Lutz, 1928.

**Hosts:** *Auchenipterus brachyurus\** Cope 1878, *Boulengerella* *maculata\**, *Bryconops caudomaculatus\** Günther 1864, *Limatulichthys griséus\** Eigenmann 1909, *Loricaria* sp., *Psectrogaster amazônica\**.

**Infestation site**: Swimming bladder.

**Development phase:** Metacerarian.

**Local:** Crôa River, Juruá River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Specie** *Austrodiplostomum* sp.

**Hosts:** *Brochis multiradiatus*, *Bunocephalus coracoideus\** Cope 1874, *Dianema longibarbis\**Cope 1872, *Hoplias malabaricus*, *Limatulichthys griséus\** Eigenmann 1909, *Myloplus rubripinnis\*, Loricaria* sp., *Ossancora asterophysa*, *Potamorhina altamazonica*, *Pygocentrus nattereri*, *Rineloricaria* sp., adult, intestine, swimming bladder

**Genus** *Diplostomum* von Nordmann, 1832

**Specie** *Diplostomum* sp.

**Hosts:** *Agamyxis pectinifrons\**, *Nemadoras cristinae\**, *Nemadoras humeralis*, *Opsodoras boulengeri\**, *Ossancora asterophysa\**, *Serrasalmus maculatus* Kner 1858, *Sternopygus* *macrurus\** Bloch & Schneider 1801, *Trachydoras brevis*, *Trachelyopterus* sp..

**Infestation site**: Swimming bladder.

**Development phase:** Metacerarian.

**Local:** Crôa River, Juruá River, Paranã River, Gama River and Môa River- Acre and Amazonas.

**Genus:** *Tylodelphys* Diesing, 1850.

**Specie** *Tylodelphys* sp.

**Host:** *Agamyxis albomaculatus\**Peters 1877.

**Infestation site**: intestine

**Development phase:** Metacerarian.

**Local:** Crôa River, Juruá River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Family Proterodiplostomidae Dubois, 1936**

**Genus** *Crocodilicola* Poche, 1926.

**Specie** *Crocodilicola*sp.

**Hosts:** *Gymnotus chavir\*, Electrophorus voltai\**.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River, Gama River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Superfamily Schistosomatoidea Stiles & Hassall, 1898.**

**Family Clinostomidae Lühe, 1901**

**Subfamily Clinostominae Lühe, 1901**

**Genus** *Clinostomum* Leidy, 1856.

**Specie** *Clinostomum* sp.

**Hosts:** *Auchenipterus brachyurus\** Cope 1878, *Auchenipterichthys thoracatus\**, *Bujurquina cordemadi\**Kullander 1986, *Bunocephalus coracoideus\** Cope 1874, *Colomesus asellus\** Müller & Troschel 1849, *Cyphocharax spilurus*\* Günther 1864, *Doras higuchii\*, Heros severus, Hoplias malabaricus*, *Hypostomus plecostomus*, *Laetacara flavilabris\**, *Limatulichthys griséus\*, Loricaria cataphracta* Linnaeus 1758, *Loricaria* sp., *Myloplus rubripinnis,*   *Nemadoras cristinae\*, Nemadoras humeralis*, *Ossancora asterophysa\*, Pinirampus pirinampu, Pimelodella humeralis\**, *Prochilodus nigricans*, *Platydoras armatulus, Rineloricaria sp., Steindachnerina dobula\** Günther 1868,  *Trachydoras brevis*.

**Infestation site:** Intestine.

**Development phase:** Metacerarian.

**Local:** Crôa River, Paranã River, Juruá River and Môa River - Acre and Amazonas.

**Subfamily Ithyoclinostominae Yamaguti, 1958**

**Genus** *Ithyoclinostomum* Witenberg, 1925.

**Specie** *Ithyoclinostomum dimorphum* Diesing 1850.

**Hosts** *Ageneiosus vittatus*, *Bujurquina cordemadi\**, *Bunocephalus coracoideus\** Cope 1874, *Heros severus* Heckel 1840, *Hoplias malabaricus*, *Schizodon fasciatus*.

**Infestation site:** Intestine.

**Development phase:** Metacerarian.

**Local:** Crôa River, Juruá River and Môa River - Acre and Amazonas.

**Specie** *Ithyoclinostomum* sp*.*

**Host:**  *Pterodoras granulosus* Valenciennes 1821.

**Infestation site:** Intestine.

**Development phase:** Metacerarian.

**Local:** Crôa River, Paranã River, Juruá River and Môa River- Acre and Amazonas.

**NEMATODA**

**Phylum Nematoda Rudolphi, 1808**

**Class Chromadorea Inglis, 1983**

**Subclass Chromadoria Pearse, 1942**

**Order Rhabditida Chitwood, 1933**

**Family/Genus/specie** Nematoda fam. gen. sp.

**Hosts:** *Colomesus aselus\**, *Electrophorus voltai*\*, *Pseudanos trimaculatus\**, *Corydoras armatus\**, *Caquetaia spectabilis* Steindachner 1875, *Crenicichla* sp., *Callichthys callichthys*, *Pygocentrus nattereri*, *Acestrorhynchus falcatus*, *Aguarunichthys  Torosus* Stewart 1986, *Synbranchus marmoratus\**, *Curimata* sp., *Acestrorhynchus falcirostris*, *Acestrorhynchus heterolepis*,  *Agamyxis albomaculatus\**, *Ctenobrycon* sp., *Loricaria cataphracta*, *Dianema* sp., *Spatuculoricaria caquetae\**Fowler, 1943, *Biotodoma cupido*, *Laetacara* sp.\*, *Prochilodus nigricans* , *Mesonauta festivus* Heckel, 1840, *Megalechis picta*, *Platydoras costatus*, *Tetragonopterus chalceus* Spix & Agassiz 1829, *Trachydoras brevis\**, *Schizodon fasciatus*, *Rhytiodus microlepis* Kner, 1859, *Auchenipterichthys thoracatus\**, *Triportheus angulatus* Spix & Agassiz, 1829, *Ossancora asterophysa*\*, [*Doras*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?genid=530)[*higuchii*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?spid=70394) \*, *Propimelodus caesius\** Lundberg & Parisi, 2002.

**Infestation site:** Mesperium, intestine and abdominal cavity.

**Development phase:** Adult

**Local:** Crôa River, Juruá River, Santa Rosa River, Paranã River, Gama River and Môa River - Acre and Amazonas.

# **Suborder Spirurina Railliet & Henry, 1915.**

# **Infraorder Ascaridomorpha De Ley & Blaxter, 2002**

**Superfamily Ascaridoidea Baird, 1853**

# **Family Anisakidae Skrjabin & Karokhin, 1945**

# **Genus/Specie** Anisakidae gen. sp.

# **Hosts:** *Ossancora asterophysa\**, *Amblydoras affinis\**, [*Doras*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?genid=530)[*higuchii*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?spid=70394) \*, *Opsodoras boulengeri\** Steindachner 1915, *Callichthys callichthys* Linnaeus 1758, *Crenicichla semicincta\**, *Loricaria cataphracta*, *Sorubim lima*, *Rineloricaria* sp., *Pellona flavipinnis* Valenciennes 1837, [*Synbranchus*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?genid=382) [*marmoratus*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?spid=34254)*\** [Bloch](http://en.wikipedia.org/wiki/Marcus_Elieser_Bloch) [1795](http://researcharchive.calacademy.org/research/ichthyology/catalog/getref.asp?id=464), *Rhaphiodon vulpinus* Spix & Agassiz 1829, *Cynodon gibbus* Agassiz 1829.

**Infestation site:** Mesperium, intestine and abdominal cavity.

**Development phase:** Larva.

**Local:** Crôa River, Juruá River, Santa Rosa River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Subfamily Contracaecinae Mozgovoi & Shakhmatova, 1971**

**Genus** *Contracaecum* Railliet & Henry, 1912

**Specie** *Contracaecum* sp.

**Hosts:** *Pseudanos trimaculatus*\***,** *Ossancora asterophysa* \***,** *Propime****l****odus caesius\****,** *Acestrorhynchus heterolepis***,** *Acestrorhynchus**falcatus***,** *Acestrorhynchus falcirostris***,** *Plagioscion squamosissimus***,** *Tetragonopterus chalceus* **,** *Myloplus arnoldi\****,** *Boulengerella maculata*\***,** *Anodus elongatus* Agassiz 1829**,** *Bujurquina cordemadi\**  Kullander 1986**,** *Cyphocharax spilurus\**Günther 1864**,** *Curimatella meyeri\****,** *Chaetobranchus flavescens***,** *Pygocentrus nattereri***,** *Tetragonopterus argenteus***,** *Ctenobrycon* sp.**,** [*Myloplus*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?genid=4574)[*rubripinnis*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?spid=4086) , *Cyphocharax notatus\** Steindachner 1908, *Biotodoma cupido*, *Mesonauta festivus* Heckel 1840, *Bryconops caudomaculatus* , *Trachelyopterus galeatus*, *Platydoras costatus*, *Laetacara* sp.\*, *Hoplerythrinus unitaeniatus*, *Crenicichla semicincta\**, *Hoplias malabaricus*, *Nemadoras cristinae\**, *Cheirocerus* sp.\*, *Amblydoras affinis*\*, *Trachelyopterus* sp., *Trachydoras brevis* Kner 1853, *Pseudoplatystoma reticulatum* , *Electrophorus voltai\**, *Gymnotus chaviro\**, *Gynmotus curupira\**, *Caquetaia spectabilis* , *Hemiodus unimaculatus*, *Megalodoras uranoscopus* Eigenmann & Eigenmann 1888, *Calophysus macropterus*, *Cynodon gibbus*, *Rhaphiodon vulpinus*, *Bryconops caudomaculatus* Günther 1864, *Pimelodus blochii*, *Agamyxis albomaculatus\** , *Anadoras weddellii* \*Castelnau 1855, *Satanoperca jurupari*, *Pariosternarchus amazonenses\** Albert & Crampton 2006, *Crenicichla cincta* \*, *Nemadoras humeralis* \*, *Roeboides myersii*\* Gill 1870, *Platydoras armatulus*, *Crenicichla semicincta\** Steindachner 1892, *Schizodon fasciatus*, *Biotodoma cupido*, *Charax pauciradiatus*, *Pseudorinelepis genibarbis\** Valenciennes 1840, *Myloplus arnoldi*\*, *Callichthys callichthys*, *Leporinus jamesi* Garman 1929, *Pimelodella humeralis\** Slobodian, Akama & Dutra 2017, *Steindachnerina bimaculata\** , *Pimelodina flavipinnis*\*.

**Infestation site:** Mesperium, intestine and abdominal cavity.

**Development phase:** Larva.

**Local:** Crôa River, Juruá River, Santa Rosa River, Paranã River, Gama River and Môa River - Acre and Amazonas.

**Family Raphidascarididae Hartwich, 1954**

**Subfamily Goeziinae Travassos, 1919**

**Genus Goezia Zeder, 1800**

**Specie** *Goezia* sp.

**Host:** *Laetacara* sp.\*.

**Infestation site:** Mesperium, intestine and abdominal cavity.

**Development phase:** Larva.

**Local:** Crôa River, Santa Rosa River, Paranã River, Gama River - Acre and Amazonas.

**Specie** *Goezia brasiliensis* Moravec, Kohn & Fernandes 1994.

**Host:** *Leptodoras linnelli\** Eigenmann, 1912.

**Infestation site:** intestine and abdominal cavity.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River and Gama River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Subfamily Raphidascaridinae Hartwich, 1954**

**Tribe Raphidascaridinae Hartwich, 1954**

**Genus Hysterothylacium Ward & Magath, 1917**

**Specie** *Hysterothylacium* sp.

**Hosts:** *Rineloricaria* sp., *Sternarchella terminalis\** Eigenmann & Allen 1942, *Trachelyopterus galeatus*.

**Infestation site:** intestine and abdominal cavity.

**Development phase:** Adult.

**Local:** Crôa River and Paranã River - Acre and Amazonas.

**Specie** *Hysterothylacium cenotae* Pearse 1936

**Host** *Pristigaster cayana* Cuvier 1829.

**Infestation site:** intestine and abdominal cavity.

**Development phase:** Adult.

**Local:** Môa River and Paranã River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Genus** *Raphidascaris* Railliet & Henry, 1915.

**Subgenus** *Raphidascaris* ***(****Sprentascaris****)***

**Specie** *Raphidascaris* ***(****Sprentascaris****)***sp.

**Hosts:** *Trachydoras brevis*\*, *Spataculoricaria* sp.\*, *Rineloricaria* [*cadeae*](http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatget.asp?spid=5373)\* Hensel 1868, *Limatulichthys griséus\**, *Aguarunichthys torosus*, *Centromochlus heckelii\** De Filippi 1853, *Loricaria* *clavipinna*\* Fowler, 1940, *Peckoltia bachi\** Boulenger 1898.

**Infestation site**: intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River and Paranã River- Acre and Amazonas.

**Specie** *Raphidascaris* (*Sprentascaris*) *mahnerti*Petter & Cassone, 1984

# **Hosts**: *Limatulichthys griséus\**, *Hypoptopoma steindachneri\** Boulenger, 1895, *Hypoptopoma incognitum\** Aquino &Schaefer, 2010, *Spataculoricaria* sp.\*.

**Infestation site**: intestine.

**Development phase:** Adult.

**Local:** Rio Môa e Rio Gama - Acre e Amazonas, first record of reporting for the Brazilian Western Amazon.

**Superfamily Cosmocercoidea Railliet, 1916**

**Family Atractidae Railliet, 1917**

# **Genus** *Rondonia* Travassos, 1920

# **Specie** *Rondonia rondoni* Travassos, 1920.

# **Hosts:** *Trachydoras brevis\** Kner 1853, *Pterodoras granulosus* Valenciennes 1821, *Bryconops caudomaculatus* , *Cyphocharax notatus\**, *Amblydoras affinis\**, *Dianema longibarbis\**, *Pimelodus* *maculatus* Lacepède, 1803.

**Infestation site**: intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Crôa River and Gama River - Acre and Amazonas.

**Family Cosmocercidae Railliet, 1916.**

**Genus** *Raillietnema* Travassos, 1927

# **Specie** *Raillietnema kritscheri* Moravec, Salgado-Maldonado e Pineda-Lopez 1993.

# **Host:** *Bujurquina cordemadi*\*.

**Infestation site**: intestine.

**Development phase:** Adult.

**Local:** Môa River and Gama River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Superfamily Dracunculoidea Stiles, 1907**

# **Family** Guyanemidae Petter, 1975

**Genus** *Guyanema* Petter 1974

**Specie** *Guyanema*serieri serieri Weiblen & Brandão 1992

**Host:** *Hoplerythrinus unitaeniatus.*

**Infestation site:** Peritoneal cavity.

**Development phase:** Adult.

**Local:** Rio Gama e Rio Môa - Acre e Amazonas, first record of reporting for the Brazilian Western Amazon.

**Superfamily Seuratoidea Hall, 1916**

**Family Cucullanidae Cobbold 1864**

**Subfamily Cucullaninae Cobbold, 1864**

**Genus** *Cucullanus* Müller, 1777

**Specie** *Cucullanus* *brevispiculus* Moravec, Kohn & Fernandes, 1993.

**Hosts:** *Trachelyopterus galeatus*, *Ageneiosus lineatus* Ribeiro, Rapp Py-Daniel & Walsh 2017, *Ageneiosus inermis*, *Rhamphichthys heleios\** Carvalho & Albert, 2015, *Rhaphiodon vulpinus*.

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Môa River, Paranã River, Juruá River, Crôa River and Gama River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Specie** *Cucullanus grandistomis* Ferraz & Thatcher, 1988.

**Hosts:** *Leptodoras linnelli* Eigenmann, 1912, *Satanoperca jurupari*, *Ageneiosus inermis*, *Aguarunichthys* sp., *Auchenipterus ambyiacus*\* Fowler 1915, *Amblydoras affini\**, *Trachelyopterus galeatus*, *Hoplerythrinus unitaeniatus*.

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Môa River, Paranã River and Juruá River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Specie** *Cucullanus pimelodellae* Moravec, Kohn & Fernandes, 1993.

**Hosts:** *Ossancora asterophysa\**, *Ageneiosus lineatus*, *Pygocentrus nattereri*, *Auchenipterus brachyurus*\* Cope 1878, *Ageneiosus vittatus*, *Trachelyopterus* sp., *Trachelyopterus galeatus*, *Tenellus trimaculatus*.

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Môa River, Juruá River, Paranã River and Crôa River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Specie** *Cucullanus* (*Cucullanus*) *pinnai pinnai* Travassos, Artigas & Pereira, 1928. **Hosts:** *Leporinus jamesi*, *Trachelyopterus* sp., *Ageneiosus vittatus*, *Auchenipterus brachyurus*\*, *Nemadoras humeralis*\*, *Ossancora asterophysa*\*, *Acestrorhynchus* sp., *Auchenipterus ambyiacus\** Fowler 1915, *Calophysus macropterus*\*, *Anodus orinocensis\** Steindachner 1887, *Hoplias malabaricus*, adult, intestine.

*Cucullanus* sp. - *Trachelyopterus galeatus*.

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Juruá River, Paranã River and Môa River - Acre and Amazonas.

**Genus** *Dichelyne* Jägerskiöld, 1902

**Specie** *Dichelyne pimelodi* Moravec, Kohn & Fernandes, 1997.

**Host:** *Pimelodus pictus\** Steindachner 1876.

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Juruá River, Paranã River and Crôa River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Genus** *Neocucullanus* Travassos, Artigas & Pereira, 1928.

**Specie** *Neocucullanus neocucullanus* Travassos, Atrigas, Pereira, 1928.

**Host** *Laetacara* sp.

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Gama River, Paranã River and Môa River – Acre and Amazonas.

# **Family Quimperiidae Gendre, 1928.**

**Genus** *Neoparaseuratum* Moravec, Kohn & Fernandes, 1992.

**Specie** *Neoparaseuratum travassosi* Moravec, Kohn & Fernandes, 1992**.**

**Hosts:** *Trachydoras brevis***,** Propimelodus *caesius\**, *Doras higuchii\**, *Nemadoras humeralis\**, *Cyphocharax spilurus*, *Acestrorhynchus falcirostris*, *Ossancora asterophysa\**, *Serrasalmus eigenmanni* \* Norman 1929, *Amblydoras affinis\**, *Crenicichla* sp., *Pseudanos trimaculatus\**, *Trachelyopterus* sp., *Biotodoma cupido*, *Bujurquina cordemadi\**, *Caquetaia spectabilis*Steindachner 1875, *Leptodoras linnelli\*.*

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Rio Gama, Rio Paranã e Rio Môa - Acre e Amazonas, first record of reporting for the Brazilian Western Amazon.

**Specie** *Paraseuratum soaresi* de Fabio 1983.

**Hosts:**  *Hoplerythrinus unitaeniatus*, *Erythrinus erythrinus*, *Hoplias malabaricus*.

**Infestation site:** intestine.

**Development phase:** Adult.

**Local:** Paranã River and Môa River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Infraorder Gnathostomatomorpha De Ley & Blaxter, 2002.**

**Superfamily Gnathostomatoidea Railliet, 1895.**

**Family Gnathostomatidae Railliet, 1895.**

**Subfamily Ancyracanthinae Yorke & Maplestone, 1926**

**Genus** *Ancyracanthus* Diesing, 1839.

**Specie** *Ancyracanthus* sp.

**Host:**  *Electrophorus voltai\**.

**Infestation site:** Stomach

**Development phase:** Adult.

**Local:** Paranã River and Crôa River - Acre and Amazonas, first record of reporting for the Brazilian Western Amazon.

**Infraorder Oxyuridomorpha De Ley & Blaxter, 2002.**

**Superfamily Oxyuroidea Cobbold, 1864.**

**Family Pharyngodonidae Travassos, 1919**

**Genus** *Cosmoxynema* Travassos 1949.

**Specie** *Cosmoxynema vianai* Travassos 1949.

**Hosts:** *Psectrogaster amazônica\**, *Bujurquina cordemadi*\*, *Cyphocharax spilurus\**, *Nemadoras humeralis*, *Curimatella meyeri\**, *Pygocentrus nattereri*, *Schizodon borellii* Boulenger 1900, *Curimata* sp., *Ossancora asterophysa\**.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Juruá River, Gama River, Crôa River and Môa River - Acre and Amazonas.

**Specie** *Cosmoxynema* sp.

**Host:** *Schizodon fasciatus*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Môa River - Acre and Amazonas.

**Genus** *Cosmoxynemoides* Travassos, 1948

**Specie** *Cosmoxynemoides* sp.

**Hosts:** *Schizodon fasciatus*, *Trachydoras brevis*, *Nemadoras humeralis, Doras higuchii\**.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River and Môa River - Acre and Amazonas.

### **Specie** *Cosmoxynemoides aguirrei* Travassos, 1949.

### **Hosts**: *Curimatella meyeri\**, *Trachydoras brevis*, *Nemadoras humeralis, Ossancora asterophysa\*, Psectrogaster amazônica\**, *Mesonauta festivus* Heckel 1840, *Satanoperca pappaterra* Heckel 1840, *Brochis multiradiatus*, *Nemadoras cristinae*\*, *Bujurquina cordemadi*\*, *Leporinus moralesi\** Fowler 1942, *Roeboides* sp., *Biotodoma cupido*, *Opsodoras boulengeri*\*, *Schizodon fasciatus* Spix & Agassiz 1829, *Psectrogaster amazônica\**, *Anodus elongatus*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Gama River and Môa River- Acre and Amazonas.

**Genus** *Ichthyouris* Inglis, 1968

**Specie** *Ichthyouris brasiliensis* Moravec, Kohn & Fernandes 1992.

**Hosts:** *Cyphocharax spilurus\**, *Mesonauta festivus, Laemolyta taeniata*\*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Crôa River,Gama River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Specie** *Ichthyouris laterifilamenta* Moravec, Kohn & Fernandes 1992

**Hosts:** *Nemadoras humeralis, Metynnis luna* cope, 1878, *Myloplus rubripinnis* Müller & Troschel 1844*, Pygocentrus nattereri, Trachydoras brevis, Schizodon borellii* Boulenger 1900, *Tetragonopterus argenteus* Cuvier, 1816, *Curimatella* sp., *Pseudorinelepis genibarbis* Valenciennes 1840, *Aguarunichthys* sp., *Pterodoras granulosus*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Paranã River, Juruá River, Crôa River, Gama River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Genus** *Travnema* Pereira, 1938.

**Specie** *Travnema araujoi* Fernandes, Campos e Artigas, 1983.

**Host:** *Cyphocharax spilurus*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Gama River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Specie** *Travnema travnema* Pereira, 1938

**Hosts:** *Cyphocharax spilurus, Curimatella meyeri*, *Loricaria cataphracta* Linnaeus 1758, *Bryconops caudomaculatus* Günther 1864.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Juruá River, Gama River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Infraorder Spiruromorpha De Ley & Blaxter, 2002.**

**Superfamily Camallanoidea Travassos, 1920.**

**Family Camallanidae Railliet & Henry, 1915.**

**Genus** *Procamallanus* Baylis, 1923.

**Subgenus** *Procamallanus* (*Spirocamallanus*) Olsen, 1952.

**Specie** *Procamallanus* (*Spirocamallanus*) sp..

**Hosts:** *Biotodoma cupido*, *Corydoras armatus*\*, *Brachychalcinus copei*\* Steindachner 1882, *Roeboides affinis*\* Günther 1868, *Charax pauciradiatus*\* Günter 1864, *Biotodoma cupido*, *Anodus elongatus*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Juruá River, Gama River and Môa River - Acre.

**Specie***Procamallanus* (*Procamallanus*) *peraccuratus* Pinto, Fábio, Noronha & Rolas, 1976.

**Hosts:** *Crenicichla* sp., *Trachelyopterus galeatus*, *Biotodoma cupido, Laetacara flavilabris\** Cope 1870, *Potamorhina altamazonica* cope 1878, *Pygocentrus nattereri*, *Leporinus jamesi* Garman 1929.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Santa Rosa River, Juruá River, Gama River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Specie** *Procamallanus* (*Spirocamallanus*) *inopinatus* Travassos, Artigas & Pereira, 1928. **Hospedeiro:** *Crenicichla* sp., *Trachelyopterus galeatus, Biotodoma cupido, Potamorhina altamazonica, Erythrinus erythrinus*, *Pygocentrus nattereri*, *Sorubim lima*, *Roeboides myersii\**, *Satanoperca jurupari*, *Pimelodus pictus\**, *Leporinus jamesi*, *Myloplus rubripinnis*, *Cheirocerus* *eques\** Eigenmann 1917, *Serrasalmus maculatus*, *Sternarchella terminalis\** Eigenmann & Allen 1942, *Pimelodus blochii*, *Thoracocharax stellatus, Charax pauciradiatus\** Günter 1864, *Rhaphiodon vulpinus*, *Tetragonopterus argenteus Cuvier* 1816, *Triportheus trifurcatus*\* Castelnau 1855, *Platydoras costatus*, *Ageneiosus inermis*, *Curimatella* sp., *Auchenipterichthys coracoideus\** Eigenmann & Allen 1942, *Heros severus*, *Serrasalmus eigenmanni*\*, *Chalceus epakros*\* Zanata & Toledo-Piza 2004, *Curimatella dorsalis* \* Eigenmann & Eigenmann 1889, *Myloplus arnoldi\*, Pimelodina flavipinnis*, *Squaliforma squalina\** Jardine 1841, *Thoracocharax stellatus*, *Cynodon gibbus*, *Ageneiosus* sp., *Cheirocerus* *eques*\* Eigenmann, 1917, *Astyanax bimaculatus* Linnaeus 1758, *Propimelodus* *caesius*\* Parisi,  Lundberg & Do Nascimiento 2006, *Mesonauta festivus*, *Ossancora asterophysa*\*, *Amblydoras affinis\**, *Auchenipterus ambyiacus*\* Fowler 1915, *Hoplias malabaricus* , *Acestrorhynchus falcirostris*, *Curimatella dorsalis*\* Eigenmann & Eigenmann 1889, *Cynodon gibbus*, *Leporinus moralesi\** Fowler 1942, *Auchenipterus brachyurus\** Cope 1878, *Triportheus angulatus* Spix & Agassiz 1829, *Prochilodus nigricans, Anodus orinocensis\**, *Metynnis luna*\* Cope 1878, *Serrasalmus rhombeus* Linnaeus 1766, *Acestrorhynchus heterolepis*, *Bryconops caudomaculatus*, *Auchenipterichthys thoracatus*\* Kner 185, *Nemadoras humeralis* Kner 1855, *Roeboides* sp., *Epapterus dispilurus\** Cope 1878, *Brachychalcinus copei*\* Steindachner 1882, *Tetragonopterus chalceus, Astyanax bimaculatus* Linnaeus 1758, *Steindachnerina bimaculata\** Steindachner 1876 , *Ctenobrycon* sp., *Charax pauciradiatus*\* Günter 1864.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Santa Rosa River, Juruá River, Gama River and Môa River - Acre and Amazonas.

# Espécie *Procamallanus* (Spirocamallanus) *pimelodus* Pinto, Fábio, Noronha & Rolas, 1975.

# **Hosts**: *Heros severus*, *Serrasalmus maculatus*, *Pimelodus blochii*, *Bujurquina cordemadi\*, Nemadoras humeralis, Solea senegalensis\*,* adult, intestine.

**Specie:** *Procamallanus* (*Spirocamallanus*) *pintoi*Kohn & Fernandes 1988.

**Hosts:** *Corydoras trilineatus*\* Cope 1872, *Brochis multiradiatus*, *Biotodoma cupido*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Santa Rosa River, Juruá River, Gama River and Môa River - Acre and Amazonas.

**Superfamily Habronematoidea Ivaschkin, 1961**

**Family Cystidicolidae Skrjabin, 1946**

**Genus** *Pseudoproleptus* Khera, 1953

**Specie** *Pseudoproleptus* sp.

**Hosts:** *Ossancora asterophysa\**, *Acestrorhynchus* sp., *Acestrorhynchus heterolepis*, *Loricaria cataphracta*, *Acestrorhynchus falcirostris, Biotodoma cupido, Pimelodella* sp, *Aguarunichthys* sp., *Bujurquina cordemadi\*,* *Laetacara* sp., *Hoplias malabaricus*, *Charax pauciradiatus*\* Günter 1864, *Steindachnerina bimaculata\** , T*rachelyopterus* sp., *Amblydoras affinis\*, Pseudoplatystoma reticulatum, Sorubim lima, Limatulichthys griséus*\*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Gama River and Môa River - Acre and Amazonas, .

**Genus** *Spinitectus* Fourment, 1883

**Specie** *Spinitectus asperus* Travassos, Artigas & Pereira, 1928.

**Hosts:** *Prochilodus nigricans*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Gama River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Specie:** *Spinitectus rodolphiheringi* Vaz & Pereira 1934.

**Hosts:** *Myloplus arnoldi\**.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Paranã River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Specie** *Spinitectus asperus* Travassos, Artigas & Pereira, 1928.

**Hosts:** *Prochilodus nigricans*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Gama River, Paranã River and Môa River- Acre and Amazonas, first report of occurrence in the Western Amazon.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Superfamily Physalopteroidea Railliet, 1893**

**Family Physalopteridae Railliet, 1893**

**Subfamily Proleptinae Schulz, 1927.**

**Genus Heliconema Travassos, 1919.**

**Specie** *Heliconema izecksohni* Fabio, 1982

**Hosts:** *Pimelodella humeralis* Slobodian, Akama & Dutra 2017, *Crenicichla* sp..

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River, Juruá River, Paranã River and Môa River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Superfamily Spiruroidea Oerley, 1885**

**Family Spirocercidae Chitwood & Wehr, 1932**

**Genus** *Physocephalus* Diesing, 1861

**Specie** *Physocephalus sexalatus* Molin, 1860

**Host:** *Sorubim lima*.

**Infestation site:** Intestine.

**Development phase:** Adult.

**Local:** Crôa River and Paranã River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**PENTASTOMIDA**

**Phylum Arthropoda von Siebold, 1848.**

**SubPhylum Crustacea Brünnich, 1772**

**Superclass Oligostraca Zrzavý, Hypša & Vlášková, 1997.**

**Class Ichthyostraca Zrzavý, Hypša & Vlášková, 1997**

**Subclass Pentastomida Diesing, 1836**

**Order Porocephalida Heymons, 1935**

**Superfamily Porocephaloidea Sambon, 1922**

**Family** [**Sebekidae**](https://ala-bie.sibbr.gov.br/ala-bie/species/260153#classification) **Fain, 1961**

**Subfamily Sebekinae Sambon, 1922**

**Genus** *Sebekia* Sambon, 1922

**Specie** *Sebekia* sp.

**Hosts:** *Calophysus macropterus*, *Dianema longibarbis\**, *Megalechis* *thoracata*, *Electrophorus voltai\**, *Megalechis* *thoracata*.

**Infestation site:** Mesenterio.

**Development phase:** Larva

**Local:** Crôa River and Paranã River - Acre and Amazonas.

**Espécie** *Sebekia oxycephala*Diesing, 1836 - *Dianema* sp.\*, *Megalechis* *thoracata*, *Nemadoras cristinae\**.

**Infestation site:** Mesenterio.

**Development phase:** Larva

**Local:** Crôa River, Juruá River and Paranã River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Subfamily** [**Leiperiinae**](https://ala-bie.sibbr.gov.br/ala-bie/species/270808#classification) **Christoffersen & De Assis, 2013**

**Genus** *Leiperia* Sambon, 1922

**Specie** *Leiperia* sp. Sambon 1922.

**Hosts:** *Pimelodella humeralis, Megalechis* *thoracata*, *Pseudoplatystoma punctifer*.

**Infestation site:** Mesenterio.

**Development phase:** Larva

**Local:** Crôa River, Môa River and Paranã River - Acre and Amazonas.

**Specie** *Leiperia gracilis* Diesing 1836

**Hosts** *Megalechis* *thoracata*, *Megalechis picta\**, *Pimelodina flavipinnis*.

**Infestation site:** Mesenterio.

**Development phase:** Larva

**Local:** Crôa River, Gama River and Paranã River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Superfamily Linguatuloidea Haldeman, 1851.**

**Family Subtriquetridae Fain, 1961.**

**Genus** *Subtriquetra* Sambon, 1922.

**Specie** *Subtriquetra* sp.

**Host:** *Brochis multiradiatus* Orcés V., 1960.

**Infestation site:** Swimming bladder.

**Development phase:** Larva.

**Local:** Crôa River, Gama River and Paranã River - Acre and Amazonas, first report of occurrence in the Western Amazon.

**Specie** *Subtriquetra subtriquetra* Diesing, 1836

**Hosts** *Bujurquina cordemadi*\* Kullander 1998, *Bunocephalus coracoideus\** Cope 1874.

**Infestation site:** Swimming bladder.

**Development phase:** Larva.

**Local:** Crôa River, Gama River and Paranã River- Acre and Amazonas, first report of occurrence in the Western Amazon.