Appendix 1: List of hosts and parasites reported from the Amambai River, Mato Grosso do Sul, Brazil.

**ACANTHOCEPHALA Laporte, 1833**

**EOACANTHOCEPHALA Van Cleave, 1936**

**Neoechinorhynchida Southwell and MacFie, 1925**

**Neoechinorhynchidae Ward, 1917**

*Neoechinorhynchus curemai* Noronha, 1973

**Host:** *Prochilodus lineatus*

**References:** Santos et al. (2003, 2005); Belo et al. (2013)

**ARTHROPODA Latreille, 1829**

**CRUSTACEA Pennant, 1777**

**MAXILLOPODA Dahl, 1956**

**Cyclopoida Burmeister, 1834**

**Ergasilidae Von Nordmann, 1832**

*Ergasilus* sp*.*

**Host:** *Serrasalmus marginatus, Prochilodus lineatus, Salminus brasiliensis*

**References:** Lizama et al. (2005);Azevedo et al. (2011)

**SECERNENTEA Linstow, 1905**

**ASCARIDIDA Skrjabin and Shulz, 1940**

**Atractidae Railliet, 1917**

*Rondonia rondoni* Travassos, 1920

**Hosts:***Pterodoras granulosus,**Pterygoplichthys ambrosettii* (\*NHR)

**References:** Dias et al. (2004); Kohn et al. (2011)

**SEURATOIDEA**

**Cucullanidae Cobbold, 1864**

*Cucullanus* sp*.*

**Hosts:** *Sorubim lima* (\*NHR).

**SECERNENTEA Linstow, 1905**

**SPIRURIDA Chitwood, 1933**

**Camallanidae Railliet et Henry, 1915**

*Procamallanus* (*Spirocamallanus*) *inopinatus* Travassos, Artigas e Pereira, 1928

**Host:** *Serrasalmus marginatus, Raphiodon vulpinus* (\*NHR)

**References:** Takemoto and Lizama, 2010; Kohn et al., 2011

**Rhabdochonidae Travassos, Artigas e Pereira, 1928**

Rabdochona gen. sp.

**Hosts:***Prochilodus lineatus*

*Rabdochona acuminata (*Molin, 1860)

**Hosts:***Auchenipterus osteomystax* (\*NHR).

**PLATYHELMINTHES Gegenbaur, 1859**

**CESTODA Van Beneden, 1849**

**Proteocephalidae La Rue, 1911**

*Monticellia belavistensis* Pavanelli, Machado, Takemoto & Santos, 1994

**Host:** *Pterodoras granulosus*

**References:** Pavanelli et al. (1994)

*Choanoscolex abscissum* Riggenbach, 1895

**Host:** *Pseudoplatystoma corruscans*

**References:** Rego (2002); Thatcher (2006)

**MONOGENEA Van Beneden, 1858**

**DACTYLOGYRIDEA BYCHOWSKY, 1937**

**Dactylogyridae Bychowsky, 1933**

Dactylogyridae gen. sp*.*

**Host:** *Pseudoplatystoma corruscans, Salminus hilarii*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Amphocleithrum paraguayenses* Price & Romero, 1969

**Host:** *Pseudoplatystoma corruscans, Salminus brasiliensis*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Anacanthorus bicuspidatus* Cohen, Kohn & Boeger, 2012

**Host:** *Salminus brasiliensis*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Anacanthorus contortus* Cohen, Kohn & Boeger, 2012

**Host:** *Salminus brasiliensis*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Anacanthorus daulometrus* Cohen, Kohn & Boeger, 2012

**Host:** *Salminus brasiliensis*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Anacanthorus douradensis* Cohen, Kohn & Boeger, 2012

**Host:** *Pterodoras granulosus*

**References:** Thatcher (2006);Cohen et al. (2012,2013)

*Annulotrematoides bryconni* Cugliana, Cordeiro & Luque, 2003

**Host:** *Salminus brasiliensis*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Cosmethocleithrum bulbocirrus* Kritsky, Thatcher & Boeger, 1986

**Host:** *Pterodoras granulosus*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Jainus iocenses* Cohen, Kohn & Boeger, 2012

**Host:** *Salminus brasilienses*

**References:** Thatcher (2006);Cohen et al. **(**2013)

*Vancleaveus janaucaenses* Kritsky, Thatcher & Boeger, 1986

**Host:** *Pterygoplichthys ambroseti*

**References:** Cohen et al. (2013); Graça et al. (2013)

*Tereancistrum* sp.

**Host:** *Pterygoplichthys ambroseti*

**References:** Cohen et al. (2012); Karling et al. (2014)

*Mymarothecium* sp. Kritsky, Boeger & Jégu, 1996

**Host:** *Pterygoplichthys ambrosettii*(\*NHR)

**Classe Trematoda Rudolphi, 1808**

**Subclasse Digenea Carus, 1863**

**Família Cladorchiidae Fischoeder, 1901**

Cladorchiidaegen. sp.

**Host:** *Pterygoplichthys ambroseti*

**References:** Kohn et al. (2007)

**DadaytremaTravassos, 1931**

*Dadaytrema oxycephala* Travassos, 1931

**Host:** *Pterodoras granulosus*

**References:** Kohn et al. (2007)