**Supplementary Table S1**. List of records of helminth species occurrence in *Didelphis albiventris*, including locality, infection site and data references. Brazilian localities are with municipality and state.

|  |  |  |  |
| --- | --- | --- | --- |
| **Helminths** | **Locality** | **Infection site** | **References** |
| **Nematoda** |  |  |  |
| *Ancylostoma* sp. | Viçosa, AL | Faeces | Silva *et al.* (2017) |
| *Aspidodera raillieti* | ParaguayBrazilMoreno, ArgentinaPampulha, MGCrato, CEPelotas, RSBelo Horizonte, MGJuiz de Fora, MGPiauíMamanguape, PBPorto Alegre, RS | Large IntestineLarge IntestineCecumLarge IntestineLarge IntestineLarge IntestineFaecesLarge IntestineLarge Intestine, CecumLarge IntestineLarge Intestine | Vicente (1966)Santos *et al.* (1990)Navone & Suriano (1992)Quintão e Silva & Costa (1999)Noronha *et al.* (2002)Müller (2005)Pinto *et al.* (2014)Souza *et al.* (2017)Santos *et al.* (2019)Present studyPresent study |
| *Aspidodera* sp. | Palotina, PRMonte Mor, SP | Large IntestineLarge Intestine, Cecum | Zabott *et al.* (2017)Teodoro *et al.* (2019) |
| *Aspidodera subulata* | ParaguayBrazilPiauí | Large IntestineLarge IntestineLarge Intestine, Cecum | Vicente (1966)Santos *et al.* (1990)Santos *et al.* (2019) |
| *Capillaria* sp. | Pampulha, MGPelotas, RS | Large IntestineEsophagus, trachea, pharynx and lung | Quintão e Silva & Costa (1999)Müller (2005) |
| *Cruzia tentaculata* | Nerópolis, GOPampulha, MGPelotas, RSBelo Horizonte, MGCuiabá, MTPalotina, PRMonte Mor, SPMamanguape, PBPorto Alegre, RS | CecumLarge IntestineLarge IntestineFaecesSmall IntestineLarge IntestineLarge Intestine, CecumLarge IntestineLarge Intestine | Komma *et al.* (1972)Quintão e Silva & Costa (1999)Müller (2005)Pinto *et al.* (2014)Ramos *et al.* (2016)Zabott *et al.* (2017)Teodoro *et al.* (2019)Present studyPresent study |
| *Didelphostrongylus hayesi* | Pelotas, RS | Lungs | Müller (2005) |
| *Gnathostoma didelphis* | Nerópolis, GO | Stomach | Komma *et al.* (1972) |
| *Gnathostoma* sp. | Pelotas, RS | Stomach, Liver | Müller (2005) |
| *Gongylonema* sp. | Pampulha, MG | Esophagus | Quintão e Silva & Costa (1999) |
| *Hoineffia* sp. | Mamanguape, PB | Small Intestine | Present study |
| *Pterygodermatites (Paucipectines) kozeki* | Moreno, Argentina | Small Intestine | Navone & Suriano (1992) |
| *Toxocara cati* | Belo Horizonte, MG | Faeces | Pinto *et al.* (2014) |
| *Toxocara* sp. | Viçosa, AL | Faeces | Silva *et al.* (2017) |
| *Travassostrongylus orloffi* | Pampulha, MGPelotas, RSMamanguape, PBPorto Alegre, RS | Small IntestineSmall IntestineSmall IntestineSmall Intestine | Quintão e Silva & Costa (1999)Müller (2005)Present studyPresent study |
| *Travassostrongylus* sp. | Monte Mor, SP | Small Intestine | Teodoro *et al.* (2019) |
| *Travassostrongylus travassosi* | Exu, PE | Small Intestine | Durette-Desset (1968) |
| *Trichinella spiralis* | Argentina | Muscle | Zubieta *et al.* (2014) |
| *Trichuris didelphis* | Pampulha, MGPelotas, RSMamanguape, PBPorto Alegre, RS | Large IntestineLarge IntestineLarge IntestineLarge Intestine | Quintão e Silva & Costa (1999)Müller (2005)Present studyPresent study |
| *Trichuris minuta* | Pelotas, RSMamanguape, PBPorto Alegre, RS | Small IntestineLarge IntestineLarge Intestine | Müller (2005)Present study Present study |
| *Trichuris* sp. | Viçosa, AL Palotina, PR | FaecesLarge Intestine | Silva *et al.* (2017)Zabott *et al.* (2017) |
| *Turgida turgida* | Nerópolis, GOMoreno, ArgentinaPampulha, MGAnápolis, GOGoiásCrato, CEPelotas, RSCampo Grande, MSPalotina, PRMonte Mor, SPMamanguape, PBPorto Alegre, RS | CecumEstomachEstomachEstomachEstomachEstomachEstomachEstomach, IntestineEstomachEstomachEstomachEstomach | Komma *et al.* (1972)Navone & Suriano (1992)Quintão e Silva & Costa (1999)Noronha *et al.* (2002)Noronha *et al.* (2002)Noronha *et al.* (2002)Müller (2005)Humberg *et al.* (2011)Zabott *et al.* (2017)Teodoro *et al.* (2019)Present studyPresent study |
| *Viannaia hamata* | Pampulha, MGPelotas, RSMamanguape, PBPorto Alegre, RS | Small IntestineSmall IntestineSmall IntestineSmall Intestine | Quintão e Silva & Costa (1999)Müller (2005)Present studyPresent study |
| *Viannaia skrjabini* | Exu, PE | Small Intestine | Durette-Desset (1968) |
| *Viannaia* sp. | Monte Mor, SPMamanguape, PB | Small IntestineSmall Intestine | Teodoro *et al.* (2019)Present study |
| *Viannaia viannaia* | Exu, PE | Small Intestine | Durette-Desset (1968) |
| **Platyhelminthes** |  |  |  |
| **Class Trematoda** |  |  |  |
| *Brachylaima advena*= *B. migrans* | Pampulha, MGPelotas, RSArgentinaMamanguape, PBPorto Alegre, RS | Small IntestineSmall IntestineIntestineSmall IntestineSmall Intestine | Quintão e Silva & Costa (1999)Müller (2005)Fernandes *et al.* (2015)Present estudyPresent estudy |
| *Brachylaimus* sp.= *Brachylaema* sp. | Nerópolis, GO | Cecum, Small Intestine | Komma *et al.* (1972) |
| *Bursotrema tetracotyloides* | Argentina | Intestine | Dubois (1976) |
| *Didelphodiplostomum nunezae* | Argentina | Intestine | Dubois (1976) |
| *Didelphodiplostomum variabile* | Pelotas, RS | Small Intestine | Müller (2005) |
| *Duboisiella proloba* | Argentina | Intestine | Fernandes *et al.* (2015) |
| *Echinostoma revolutum* | Pelotas, RS | Small Intestine | Müller (2005) |
| *Plagiorchis didelphidis* | Pelotas, RS | Small Intestine | Müller (2005) |
| *Rhopalias baculifer* | Pelotas, RSArgentina | Small IntestineIntestine | Müller (2005)Fernandes *et al.* (2015) |
| *Rhopalias coronatus* | Nerópolis, GOPampulha, MGPelotas, RSParaguayArgentinaPalotina, PRMonte Mor, SPPorto Alegre, RS | CecumLarge IntestineSmall IntestineSmall IntestineIntestineSmall IntestineSmall IntestineSmall Intestine | Komma *et al.* (1972)Quintão e Silva & Costa (1999)Müller (2005)Haverkost & Gardner (2008)Fernandes *et al.* (2015)Zabott *et al.* (2017)Teodoro *et al.* (2019)Present study |
| *Rhopalias horridus* | Argentina | Intestine | Fernandes *et al.* (2015) |
| *Rhopalias macracanthus* | Argentina | Intestine | Fernandes *et al.* (2015) |
| *Rhopalias* sp. | Nerópolis, GO | Small Intestine | Komma *et al.* (1972) |
| *Schistosoma mansoni* | Paulista, PEBrazilSão Paulo, SP | IntestineVenous systemFaeces, Intestine | Barbosa & Coelho (1954)Travassos *et al.* (1969)Kawazoe *et al.* (1978) |
| *Skrjabinus goliath* | Argentina | Bile ducts | Fernandes *et al.* (2015) |
| **Class Cestoda** |  |  |  |
| Diphyllobothriidae  | Pelotas, RS | Small Intestine, Esophagus | Müller (2005) |
| *Mathevotaenia argentinensis* | Moreno, Argentina | Small Intestine | Campbell *et al.* (2003) |
| *Mathevotaenia bivittata* | Brazil | Not notified | Travassos (1965) |
| *Mathevotaenia* sp. | Moreno, Argentina | Small Intestine | Navone & Suriano (1992) |
| Pseudophyllidea | Nerópolis, GO | Small Intestine | Komma *et al.* (1972) |
| **Acanthocephala** |  |  |  |
| *Centrorhynchus* sp. | Pelotas, RS | Small Intestine | Müller (2005) |
| *Oligacanthorhynchus microcephala*= *Hamanniella microcephala* | ParaguayMoreno, ArgentinaPelotas, RSJuiz de Fora, MGPalotina, PR | Small Intestine Small IntestineSmall Intestine Small IntestineSmall Intestine | Schmidt (1977)Navone & Suriano (1992)Müller (2005)Souza *et al.* (2017)Zabott *et al.* (2017) |
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