Table 1. Helminth parasites prevalence\* (%) of 11 sympatric anuran species from Pantanal wetland, Brazil. Host species are Dn = *Dendropsophus* *nanus*, Hr = *Hypsiboas raniceps*, Lc = *Leptodactylus chaquensis*, Lf = *Leptodactylus fuscus*, Lp = *Leptodactylus podicipinus*, Pa = *Phyllomedusa azurea*, Py = *Physalaemus albonotatus*, Pl = *Pseudis limellum*, Pp = *Pseudis platensis*, Sn = *Scinax nasicus* and Tt = *Trachycephalus typhonius.*

|  |  |
| --- | --- |
| **Parasite taxa** | **Host species** |
| **Dn** | **Hr** | **Lc** | **Lf** | **Lp** | **Pa** | **Py** | **Pl** | **Pp** | **Sn** | **Tt** |
| **Acanthocephala** |  |  |  |  |  |  |  |  |  |  |  |
| Undertermined cystacanth | - | 2.8 | 15 | 6.7 | 5.7 | 13.8 | - | - | 2.7 | - | 36.4 |
| **Nematoda** |  |  |  |  |  |  |  |  |  |  |  |
| **Ascarididae** |  |  |  |  |  |  |  |  |  |  |  |
| Ascarididae gen. sp. | - | - | 10 | 3.3 | 11.4 | 6.9 | - | - | 8.1 | 30 | 18.2 |
| *Brevimulticaecum* sp. | 20 | 19.4 | 30 | 26.7 | 5.7 | 6.9 | - | - | 5.4 | 10 | 36.4 |
| *Porrocaecum* sp. | - | 5.6 | 5 | 10 | - | 3.4 | - | - | - | - | 9.1 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Atractidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Schrankiana formosula* | - | - | 35 | 30 | - | 17.2 | - | - | - | - | - |
| *Schrankiana fuscus* | - | - | - | 6.7 | - | - | - | - | - | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cosmocercidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Aplectana hylambatis* | - | - | - | - | - | - | - | - | - | - | 81.8 |
| *Aplectana* sp. 1 | - | - | 15 | - | 11.4 | - | - | - | - | - | - |
| *Aplectana* sp. 2 | - | - | - | - | - | - | 66.7 | - | - | - | - |
| *Cosmocerca parva* | - | - | - | - | - | 3.4 | - | - | - | - | - |
| *Cosmocerca podicipinus* | 20 | 11.1 | 55 | 23.3 | 57.1 | 6.9 | - | - | - | - | - |
| *Cosmocercella phyllomedusae* | - | - | - | - | - | 3.4 | - | - | - | - | - |
| *Raillietnema minor* | - | - | - | - | - | 27.6 | - | - | - | - | - |
| *Raillietnema* sp. | - | - | 40 | 16.7 | 11.4 | 3.4 | - | - | - | - | - |
| **Kathlaniidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Oxyascaris oxyascaris* | - | 22.2 | - | - | - | - | - | - | - | - | 45.5 |
| *Oxyascaris* sp. | - | - | 25 | 23.3 | - | - | - | - | - | - | - |
| **Pharyngodonidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Parapharyngodon* sp. | - | - | - | - | - | - | - | - | - | - | 72.7 |
| **Rhabdiasidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Rhabdias* sp. | - | - | 30 | - | 37.1 | - | - | - | 2.7 | - | - |
| **Physalopteridae** |  |  |  |  |  |  |  |  |  |  |  |
| *Physaloptera* sp. | - | 2.8 | 20 | - | - | - | 11.1 | - | - | - | 18.2 |
| *Physalopteroides venancioi* | - | 13.9 | 30 | 16.7 | 5.7 | - | - | - | - | 10 | 45.5 |
| **Spirocercidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Physocephalus* sp. 1 | - | 2.8 | 10 | 13.3 | 14.3 | - | 11.1 | - | 2.7 | - | 9.1 |
| *Physocephalus* sp. 2 | - | - | - | - | 14.3 | - | - | - | - | - | - |
| *Physocephalus* sp. 3 | - | - | 10 | 6.7 | - | - | - | - | 2.7 | 10 | 36.4 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Rhabdochonidae** |  |  |  |  |  |  |  |  |  |  |  |
| Rhabdochonidae gen. sp. | - | - | - | - | - | - | - | - | - | - | 18.2 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Molineidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Oswaldocruzia* sp. | - | 2.8 | 5 | - | - | - | - | - | - | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Platyhelminthes** |  |  |  |  |  |  |  |  |  |  |  |
| **Trematoda** |  |  |  |  |  |  |  |  |  |  |  |
| **Diplostomidae** |  |  |  |  |  |  |  |  |  |  |  |
| Diplostomoidea fam. gen. sp. | - | - | - | - | - | - | - | - | - | 10 | - |
| *Diplostomulum* sp. | - | - | 5 | - | 2.9 | 3.4 | - | - | 2.7 | 10 | - |
| *Neascus* sp. | - | - | 5 | - | - | - | - | - | - | - | - |
| **Diplodiscidae** |  |  |  |  |  |  |  |  |  |  |  |
| *Catadiscus pygmaeus* | - | - | - | - | - | - | - | 14.3 | - | - | - |
| *Catadiscus* sp. | - | 2.8 | 40 | 3.3 | 40 | 13.8 | - | - | 51.4 | - | - |
| **Glypthelminthidae** |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Glypthelmins palmipedis* | - | - | - | - | - | - | - | - | 51.4 | - | - |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Undertermined helminth cyst | - | - | 70 | 16.7 | 37.1 | 3.4 | - | - | 40.5 | - | 9.1 |

\*Calculated according Bush *et al.* (1997)