

TABLE S1 | Taxonomic composition, size classes, reproductive strategy, and vouchers of fish captured throughout the study in the rice field in São Borja, Rio Grande do Sul, Brazil. Size class: S = small; M = medium; L = large. Reproductive strategy: LM = long migration; S = sedentary. *Threatened species in the Uruguay River basin. NUP = Núcleo de Pesquisas em Limnologia, Ictiologia e Aquicultura (Nupélia), at the Universidade Estadual de Maringá, Maringá, Paraná, Brazil.

Taxa	Strategy reproductive	Size	Vouchers
CHARACIFORMES			
Acestrorhamphidae			
<i>Astyanax lacustris</i> (Lütken, 1875)	S	S	NUP 20572
<i>Megalamphodus eques</i> (Steindachner, 1882)	S	S	
<i>Moenkhausia bonita</i> Benine, Castro & Sabino, 2004	S	S	NUP 20590
<i>Oligosarcus jenynsii</i> (Günther, 1864)	S	S	NUP 20548
<i>Psalidodon henseli</i> (de Melo & Buckup, 2006)	S	S	NUP 20607
<i>Psalidodon rutilus</i> (Jenyns, 1842)	S	S	NUP 20603
<i>Psalidodon xiru</i> (Lucena, Castro & Bertaco, 2013)	S	S	NUP 20542
<i>Psalidodon</i> sp.	S	S	
Anostomidae			
<i>Leporinus amae</i> Godoy, 1980	S	M	
<i>Brevidens striatus</i> (Kner, 1858)	S	M	NUP 20643
<i>Megaleporinus obtusidens</i> (Valenciennes, 1837)	LM	L	NUP 20627
<i>Schizodon nasutus</i> Kner, 1858	S	M	NUP 20598
Bryconidae			
<i>Brycon orbignyanus</i> (Valenciennes, 1850)*	LM	L	NUP 20593
<i>Salminus brasiliensis</i> (Cuvier, 1816)*	LM	L	NUP 20561
Characidae			
<i>Aphyocharax anisitsi</i> Eigenmann & Kennedy, 1903	S	S	
<i>Charax leticiae</i> Lucena, 1987	S	S	NUP 21948
<i>Holoshesthes pequirá</i> (Steindachner, 1882)	S	S	NUP 20652
<i>Roeboides microlepis</i> (Reinhardt, 1851)	S	S	NUP 21995
<i>Roeboides descavadensis</i> Fowler, 1932	S	S	
<i>Serrapinnus calliurus</i> (Boulenger, 1900)	S	S	
Crenuchidae			
<i>Characidium serrano</i> Buckup & Reis, 1997	S	S	NUP 20570
Curimatidae			
<i>Cyphocharax saladensis</i> (Meinken, 1933)	S	S	NUP 22029
<i>Cyphocharax voga</i> (Hensel, 1870)	S	S	
<i>Steindachnerina brevipinna</i> (Eigenmann & Eigenmann, 1889)	S	S	NUP 20581
Erythrinidae			
<i>Hoplias australis</i> Oyakawa & Mattox, 2009	S	L	NUP 20622
<i>Hoplias misionera</i> Rosso, Mabrugaña, González-Castro, Delpiani, Avigliano, Schenone & Díaz de Astarloa, 2016	S	L	NUP 20599
Parodontidae			
<i>Apareiodon affinis</i> (Steindachner, 1879)	S	S	NUP 20583
Prochilodontidae			
<i>Prochilodus lineatus</i> (Valenciennes, 1837)	LM	L	NUP 20559
Serrasalminidae			
<i>Serrasalmus maculatus</i> Kner, 1858	S	L	NUP 20650



TABLE S1 | (Continued)

Taxa	Strategy reproductive	Size	Vouchers
Stevardiidae			
<i>Bryconamericus iheringii</i> (Boulenger, 1887)	S	S	NUP 22025
<i>Piabarchus stramineus</i> (Eigenmann, 1908)	S	S	NUP 20574
<i>Diapoma alburnus</i> (Hensel, 1870)	S	S	
CICHLIFORMES			
Cichlidae			
<i>Cichlasoma dimerus</i> (Heckel, 1840)	S	M	NUP 20601
<i>Crenicichla missioneira</i> Lucena & Kullander, 1992	S	M	NUP 20664
<i>Crenicichla vittata</i> Heckel, 1840	S	M	NUP 20661
<i>Geophagus iporangensis</i> Haseman, 1911	S	M	NUP 22032
<i>Gymnogeophagus</i> sp.	S	M	
<i>Saxatilia lepidota</i> (Heckel, 1840)	S	M	NUP 20662
ACANTHURIFORMES			
Sciaenidae			
<i>Pachyurus bonariensis</i> Steindachner, 1879	S	M	NUP 20591
SILURIFORMES			
Aspredinidae			
<i>Bunocephalus doriae</i> Boulenger, 1902	S	S	NUP 20648
Auchenipteridae			
<i>Auchenipterus osteomystax</i> (Miranda Ribeiro, 1918)	S	M	NUP 20605
<i>Trachelyopterus galeatus</i> (Linnaeus, 1766)	S	M	NUP 20579
<i>Trachelyopterus lucenai</i> Bertolotti, da Silva & Pereira, 1995	S	M	NUP 20575
Callichthyidae			
<i>Hoplosternum littorale</i> (Hancock, 1828)	S	S	NUP 20594
Doradidae			
<i>Rhinodoras dorbignyi</i> (Kner, 1855)	S	M	NUP 20584
Heptapteridae			
<i>Pimelodella gracilis</i> (Valenciennes, 1835)	S	S	NUP 20658
<i>Rhamdella longiuscula</i> Lucena & da Silva, 1991	S	S	
<i>Rhamdia quelen</i> (Quoy & Gaimard, 1824)	S	L	NUP 20628
Loricariidae			
<i>Hypostomus roseopunctatus</i> Reis, Weber & Malabarba, 1990	S	M	NUP 20626
<i>Loricariichthys platymetopon</i> Isbrücker & Nijssen, 1979	S	M	NUP 20608
<i>Rineloricaria</i> sp.	S	M	
Pimelodidae			
<i>Iheringichthys labrosus</i> (Lütken, 1874)	S	M	NUP 20541
Trichomycteridae			
<i>Paravandellia oxyptera</i> Miranda Ribeiro, 1912	S	S	

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