

Table S1. List of fish species captured in the Salto Osório Reservoir, Iguassu River basin, Paraná State, Brazil, from July 2003 to February 2022 used to estimate length–weight (LWR), length–length (LLR) relationships and length at first maturity (L_{50}) and the corresponding voucher specimens.

Specie	Voucher
CHARACIFORMES	
Parodontidae	
<i>Apareiodon vittatus</i> Garavello, 1977	CIG 3262
Curimatidae	
<i>Cyphocharax</i> cf. <i>santacatarinae</i> (Fernández-Yépez, 1948)	CIG 4072
Characidae	
<i>Astyanax dissimilis</i> Garavello & Sampaio, 2010	CIG 2712, 2731, 2732
<i>Astyanax lacustris</i> (Lütken, 1875)	CIG 2704
<i>Astyanax minor</i> Garavello & Sampaio, 2010	CIG 2673
<i>Bryconamericus ikaa</i> Casciotta, Almirón & Azpelicueta, 2004	CIG 2671
<i>Psalidodon bifasciatus</i> (Garavello & Sampaio, 2010)	CIG 2675, 2678, 2702, 2718, 2719
<i>Psalidodon gymnodontus</i> Eigenmann, 1911	CIG 1394
<i>Oligosarcus longirostris</i> Menezes & Géry 1983	CIG 4060
Erythrinidae	
<i>Hoplias</i> sp.	CIG 2706
SILURIFORMES	
Callichthyidae	
<i>Corydoras</i> aff. <i>longipinnis</i> Knaack, 2007	CIG 1270
Loricariidae	
<i>Hypostomus commersoni</i> Valenciennes, 1836	CIG 2709
<i>Hypostomus derbyi</i> (Haseman, 1911)	CIG 2252
Heptapteridae	
<i>Rhamdia branneri</i> Haseman, 1911	CIG 2708
<i>Rhamdia voulezi</i> Haseman, 1911	CIG 2705, 2736
Auchenipteridae	
<i>Glanidium ribeiroi</i> Haseman, 1911	CIG 1803
<i>Tatia jaracatia</i> Pavanelli & Bifi, 2009	CIG 1798
Pimelodidae	
<i>Pimelodus britskii</i> Garavello & Shibatta, 2007	CIG 3560
<i>Pimelodus ortmanni</i> Haseman, 1911	CIG 3252
ATHERINIFORMES	
Atherinopsidae	
<i>Odontesthes bonariensis</i> (Valenciennes, 1835)	CIG 4663
CICHLIFORMES	
Cichlidae	
<i>Coptodon rendalli</i> (Boulenger, 1897)	CIG 3189
<i>Crenicichla iguassuensis</i> Haseman, 1911	CIG 2738
<i>Crenicichla tesay</i> Casciotta & Almirón, 2009	CIG 3269
<i>Crenicichla yaha</i> Casciotta, Almirón & Gómez, 2006	CIG 459
<i>Geophagus iporanguensis</i> Haseman, 1911	CIG 4071