

SUPPLEMENTARY MATERIAL TABLE 2 | Diet, feeding tactic, habitat use, and preferences of the fish species sampled. ¹Casatti (2002), Casatti et al. (2003), and Teresa & Casatti (2012); ²Casatti et al. (2001), Casatti (2002), and personal notes. Please see Table S1 for abbreviations of species names.

Species	Diet ¹	Feeding tactic ²	Position in the water column ¹	flow preference ¹	Preference for stable substrate ¹
<i>A. cf. paranae</i>	omnivore	drift feeder	nektonic	slow	moderate
<i>A. bockmanni</i>	omnivore	drift feeder	nektonic	slow	moderate
<i>A. fasciatus</i>	omnivore	drift feeder	nektonic	slow	moderate
<i>H. marginatus</i>	omnivore	drift feeder	nektonic	slow	moderate
<i>H. eques</i>	insectivore	drift feeder	margins	slow	low
<i>M. sanctaefilomenae</i>	omnivore	drift feeder	nektonic	intermediate	low
<i>O. pintoii</i>	insectivore	drift feeder	margins	slow	low
<i>P. argentea</i>	omnivore	drift feeder	nektonic	intermediate	low
<i>P. stramineus</i>	insectivore	drift feeder	nektonic	slow	moderate
<i>S. heterodon</i>	detritivore	drift feeder	nektonic	slow	low
<i>S. notomelas</i>	detritivore	drift feeder	nektonic	slow	low
<i>C. zebra</i>	insectivore	furtive predator	benthic	fast	high
<i>C. naegeli</i>	detritivore	digger	nektobenthic	slow	low
<i>C. vanderi</i>	detritivore	digger	nektobenthic	slow	low
<i>S. insculpta</i>	detritivore	digger	nektobenthic	slow	low
<i>H. malabaricus</i>	carnivore	furtive predator	margins	slow	low
<i>C. paranaense</i>	omnivore	digger	nektobenthic	slow	low
<i>C. britskii</i>	insectivore	furtive predator	margins	intermediate	low
<i>C. cf. haroldoi</i>	insectivore	furtive predator	margins	intermediate	low
<i>G. brasiliensis</i>	omnivore	digger	nektobenthic	slow	low
<i>A. fuscoguttatus</i>	insectivore	substrate speculator	benthic	fast	moderate
<i>C. callichthys</i>	omnivore	furtive predator	benthic	fast	low
<i>C. aeneus</i>	omnivore	substrate speculator	benthic	intermediate	low
<i>C. iheringi</i>	insectivore	substrate speculator	benthic	fast	high
<i>I. mirini</i>	insectivore	substrate speculator	benthic	fast	high
<i>I. schubarti</i>	insectivore	substrate speculator	benthic	fast	moderate
<i>R. quelen</i>	insectivore	furtive predator	benthic	intermediate	moderate
<i>H. francirochai</i>	periphytivore	grazer	margins	intermediate	low
<i>C. insperatus</i>	periphytivore	grazer	margins	intermediate	low
<i>H. ancistroides</i>	periphytivore	grazer	benthic	intermediate	moderate
<i>H. nigromaculatus</i>	periphytivore	grazer	benthic	fast	high
<i>H. variipictus</i>	periphytivore	grazer	benthic	fast	high
<i>P. harpagos</i>	detritivore	drift feeder	surface	slow	low
<i>P. reticulata</i>	detritivore	drift feeder	surface	slow	low
<i>G. sylvius</i>	insectivore	furtive predator	margins	intermediate	low
<i>S. marmoratus</i>	carnivore	furtive predator	margins	intermediate	low