

## SUPPLEMENTARY MATERIAL S2

**TABLE S2** | Eighty fish taxa summary information. Scientific names, most common local name utilised on the Purus River (personal judgement), and standardised body mass as landed by Purus fishers as calculated and utilised in biomass calculations. Taxa are ordered by percentage contribution to the total biomass recorded in this study and are also separated by season. All figures are rounded to two decimal places.

Species	Local name	Body mass (g)	Relative biomass (%)	
			Total	High-water
<i>Mylossoma albiscopum</i>	Pacu comum	162.35	19.12	32.38
<i>Osteoglossum bicirrhosum</i>	Aruanã	1625.00	14.33	2.44
<i>Arapaima gigas</i>	Pirarucu	25716.84	9.87	1.65
<i>Colossoma macropomum</i>	Tambaqui	2733.75	9.10	17.23
<i>Pseudoplatystoma punctifer</i>	Surubim	2712.93	4.60	0.59
<i>Cichla monoculus</i>	Tucunaré	499.38	3.95	0.73
<i>Phractocephalus hemiliopterus</i>	Pirarara	3273.45	3.64	0.71
<i>Pimelodus blochii</i>	Mandi comum	115.92	3.38	6.70
<i>Prochilodus nigricans</i>	Curimatã	492.00	3.07	0.97
<i>Triportheus angulatus</i>	Sardinha chata	94.99	2.99	0.70
<i>Triportheus auritus</i>	Sardinha comprida	259.85	2.86	0.79
<i>Pterygoplichthys pardalis</i> (mainly)	Bodó	615.91	2.28	2.31
<i>Pygocentrus nattereri</i>	Piranha caju	404.00	2.27	4.66
<i>Semaprochilodus insignis</i>	Jaraquí escama grossa	508.83	1.78	3.86
<i>Brycon amazonicus</i>	Matrinxã	481.18	1.48	4.03
<i>Astronotus</i> spp.	Cará açu	232.03	1.39	0.49
<i>Schizodon fasciatus</i>	Piau comum	227.49	1.32	1.72
<i>Oxydoras niger</i>	Cuiú	880.00	1.06	1.37
<i>Piaractus brachypomus</i>	Pirapitinga	2690.48	0.96	2.39
<i>Potamorhina latior</i>	Branquinha comum	218.31	0.89	1.70
<i>Mylossoma aureum</i>	Pacu branco	175.00	0.84	0.77
<i>Pellona castelnaeana</i>	Sardinhão	1830.52	0.81	0.10
<i>Brachyplatystoma filamentosum</i>	Filhote	6150.00	0.77	0.29
<i>Hypophthalmus edentatus</i>	Mapará	660.00	0.72	1.58
<i>Zungaro zungaro</i>	Jaú	6583.33	0.70	1.00
<i>Plagioscion squamosissimus</i>	Pescada	730.00	0.62	0.86
<i>Pseudoplatystoma tigrinum</i>	Caparari	1962.96	0.56	0.11
<i>Leiarius marmoratus</i>	Jundiá	5635.15	0.47	0.33
<i>Chaetobranchopsis orbicularis</i>	Cará tucumã	9.72	0.42	0.00
<i>Serrasalmus maculatus</i>	Piranha olho de fogo	470.00	0.38	1.03



TABLE S2 I (Continued)

Species	Local name	Body mass (g)	Relative biomass (%)	
			Total	High-water
<i>Brycon melanopterus</i>	Jatuarana	308.40	0.29	0.67
<i>Ageneiosus inermis</i>	Mandubé	506.51	0.29	0.79
<i>Mylopleus rubripinnis</i>	Pacu	409.23	0.27	0.62
<i>Brachyplatystoma platynemum</i>	Babão	1264.23	0.22	0.00
<i>Pinirampus pirinampu</i>	Piranambu	1450.00	0.21	0.37
<i>Lithodoras dorsalis</i>	Bacu pedra	1636.63	0.20	0.45
<i>Rhaphiodon vulpinus</i>	Cachorrão	700.00	0.18	0.35
<i>Serrasalmus striolatus/Serrasalmus gouldingi</i>	Piranha branca	93.76	0.18	0.47
<i>Semaprochilodus taeniurus</i>	Jaraqui escama fina	238.13	0.15	0.41
<i>Calophysus macropterus</i>	Piracatinga	158.76	0.14	0.36
<i>Hoplias malabaricus</i>	Traíra	621.43	0.14	0.36
<i>Cynodon gibbus</i>	Cachorro	415.00	0.11	0.26
<i>Mylopleus schomburgkii</i>	Pacu burro	908.92	0.11	0.28
<i>Brachyplatystoma juruense</i>	Camisa de meia	536.16	0.11	0.07
<i>Sorubimichthys planiceps</i>	Peixe lenha	4409.89	0.10	0.00
<i>Potamorhina altamazonica</i>	Branquinha cabeça lisa	344.12	0.10	0.23
<i>Hoplosternum littorale</i>	Tamoatá	70.05	0.09	0.00
<i>Rhytidodus microlepis</i>	Piau pau de nego	123.21	0.09	0.22
<i>Potamorhina pristigaster</i>	Peito de aço	249.00	0.08	0.20
<i>Serrasalmus rhombeus</i>	Piranha preta	781.97	0.07	0.18
<i>Pellona flavipinnis</i>	Apapá branco	996.04	0.05	0.00
<i>Sorubim lima</i>	Bico de pato	250.67	0.03	0.01
<i>Leporinus agassizi</i>	Piau	81.23	0.02	0.02
<i>Anostomoides laticeps</i>	Piau	95.15	0.02	0.05
<i>Curimata inornata</i>	Branquinha olhuda	94.68	0.02	0.04
<i>Hemisorubim platyrhynchos</i>	Braço de moça	278.67	0.01	0.00
<i>Metynnis lippincottianus</i>	Pacu galo	20.09	0.01	0.02
<i>Hydrolycus scomberoides</i>	Ze d'or	706.24	0.01	0.00
<i>Geophagus proximus</i>	Cará roi roi	159.00	0.01	0.00
<i>Leporinus trifasciatus</i>	Piau	180.70	0.01	0.01
<i>Hoplerythrinus unitaeniatus</i>	Jeju	261.33	0.01	0.01
<i>Psectrogaster amazonica</i>	Branquinha cascuda	63.64	0.01	0.01
<i>Chaetobranchius flavescens</i>	Cará	52.22	0.00	0.00



TABLE S2 | (Continued)

Species	Local name	Body mass (g)	Relative biomass (%)	
			Total	High-water
<i>Laemolyta varia</i>	Piau	49.18	0.00	0.01
<i>Heros efasciatus</i>	Cará	64.33	0.00	0.01
<i>Anodus elongatus</i>	Cubiu	42.18	0.00	0.00
<i>Chalceus erythrurus</i>	Arari	72.03	0.00	0.01
<i>Leporinus fasciatus</i>	Piau flamengo	117.79	0.00	0.01
<i>Satanoperca liliith</i>	Cará	186.12	0.00	0.01
<i>Acestrorhynchus falcirostris</i>	Dente de cão	145.43	0.00	0.00
<i>Caquetaia spectabilis</i>	Cará	127.06	0.00	0.00
<i>Crenicichla cincta</i>	Jacundá	22.30	0.00	0.00
<i>Hypselecara temporalis</i>	Cará	48.04	0.00	0.00
<i>Auchenipterus nuchalis</i>	Mandi manteiga	13.57	0.00	0.00
Anostomidae “piau” sp.	Piau manteiga	227.49	0.00	0.00
<i>Loricaria cataphra</i>	Cari cachimbo	66.51	0.00	0.00
<i>Megalodoras uranoscopus</i>	Bacu amarela	1602.42	0.00	0.00
Serrasalminidae “pacu” sp.	Pacu toba	908.92	0.00	0.00
<i>Electrophorus electricus</i>	Poraquê	3247.00	0.00	0.00
Gymnotiformes	Sarapó	195.00	0.00	0.00

## Neotropical Ichthyology



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