

SUPPLEMENTARY MATERIAL

Table S1. List of species, abundance and standard length (cm) recorded in pampean streams, Buenos Aires province, Argentina. P: pampean species, R: riverine species.

	P-R	Lst (cm)	R1	R2	R3	Z2	Z3	P1	P2	P3	B1	B2	B3	JB	Voucher number, CFA-IC
CLUPEIFORMES															
Clupeidae															
<i>Ramnogaster melanostoma</i> (Eigenmann, 1907)	R	3.3 ± 0.5 (2.3-4.5)								11					2173
CYPRINIFORMES															
Cyprinidae															-
<i>Cyprinus carpio</i> Linnaeus, 1758	P	15.6 ± 10.1 (6.4-30.1)						6	8			2		10	
CHARACIFORMES															
Parodontidae															
<i>Apareidon affinis</i> (Steindachner, 1879)	R	4.2								1					2174
Curimatidae															
<i>Cyphocharax voga</i> (Hensel, 1870)	P	8.6 ± 3.0 (1.1-15.5)					27	104	12	39	6	78	8	22	2194
<i>Gyphocharax platanus</i> (Günther, 1880)	R	15.0 ± 4.2 (8.8 ± 19.0)							4			2			2193
<i>Cyphocharax spilotos</i> (Vari, 1987)	R	5.7												1	-
<i>Steindachnerina biornata</i> (Braga & Azpelicueta, 1987)	R	4.2 ± 1 (3.1-5.2)						2				1			2166
Prochilodontidae															
<i>Prochilodus lineatus</i> (Valenciennes, 1837)	R	12.2 ± 3 (1.6-16)			4		10	18	286	187	130	305	46	36	2201
Anostomidae															
<i>Megaleporinus obtusidens</i> (Valenciennes, 1837)	R	13.4 ± 3.4 (1.6-19.8)							14		2	2	2		2196
<i>Schizodon platatae</i> (Garman, 1890)	R	18.4 ± 1.7 (16.5-19.8)							3						2205

Table S1. (continuation)

	P-R	Lst (cm)	R1	R2	R3	Z2	Z3	P1	P2	P3	B1	B2	B3	JB	Voucher number, CFA-IC
Erythrinidae															
<i>Hoplias argentimensis</i> (Bloch, 1794)	P	14.6 ± 7.6 (2.7-31)					1	3	16		3	5	1	13	2208
Characidae															
<i>Brycon orbignyanus</i> (Valenciennes, 1850)	R	14.5												1	-
<i>Charax stenopterus</i> (Cope, 1894)	P	5.5 ± 1.7 (3.0-8.1)						52	3	1	9	6			2168
<i>Cynopotamus argenteus</i> (Valenciennes, 1836)	R	4.7 ± 1.5 (3.6-5.8)											2		2192
<i>Cheirodon interruptus</i> (Jenyns, 1842)	P	2.9 ± 1.7 (1.4-4.4)	4	3			9	1,681	2,938	51	8	35	8	67	2187
<i>Raphiodon vulpinus</i> Spix & Agassiz, 1829	R	7.0 ± 0.8 (6.2-8.5)								8					2206
<i>Salminus brasiliensis</i> (Cuvier, 1816)	R	22.2 ± 5.3 (18-30)							3	1		1			2203
<i>Bryconamericus iheringii</i> (Boulenger, 1887)	P	3.6 ± 0.6 (2-5)						17	1,265	68			1	21	2161
<i>Diapoma terofali</i> (Géry, 1964)	P	4.0 ± 0.5 (3.4-4.9)						5		1				2	2165
<i>Pseudocorynopoma doriae</i> Perugia, 1891	P	4.4 ± 0.9 (2.3-6.2)						71	291					11	-
<i>Astyanax eigenmanniorum</i> (Cope, 1894)	P	3.6 ± 0.8 (2.5-4.8)		1			1	26	289		9		1	8	2175
<i>Astyanax rutilus</i> (Jenyns, 1842)	P	5.8 ± 1.3 (1.7-10)						215	72	70	76	208	136	280	2182
<i>Astyanax abramis</i> (Jenyns, 1842)	R	7.9 ± 0.6 (7-9)											15		2177
<i>Astyanax lacustris</i> Géry, 1972	R	6.5												1	2158

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	P-R	Lst (cm)	R1	R2	R3	Z2	Z3	P1	P2	P3	B1	B2	B3	JB	Voucher number, CFA-IC
<i>Oligosarcus oligolepis</i> (Steindachner, 1867)	P	8.4 ± 3.8 (2.2-21)	43					6	56	3	32	5	74	2198	
<i>Oligosarcus jenkinsii</i> (Günther, 1864)	P	5.3 ± 1.9 (4.2-11)	25					24					7	2184	
<i>Hyphessobrycon meridionalis</i> Ringuelet, Miquelarena & Menni, 1978	P	3.6 ± 1 (2.0-5.1)	42							8				2181	
<i>Hyphessobrycon anisitsi</i> (Eigenmann, 1907)	P	3.5 ± 0.2 (3.3-3.8)							1					2186	
<i>Hyphessobrycon luetkenii</i> (Boulenger, 1887)	P	4.4	1										2	-	
Crenuchidae															
<i>Characidium rachovii</i> Regan, 1913	P	2.7 ± 3.9 (2.2-3.4)	1							5	1		8	2167	
SILURIFORMES															
Auchenipteraidae															
<i>Ageneiosus militaris</i> Valenciennes, 1835	R	16.5									1			-	
<i>Auchenipterus osteomystax</i> (Miranda Ribeiro, 1918)	R	5.3-7.4 (6.6-0.8)							1					2183	
Pimelodidae															
<i>Iheringichthys labrosus</i> (Lütken, 1874)	R	5 ± 1.4 (3-8.6)							183				521	2169	
<i>Parapimelodus valenciennis</i> (Lütken, 1874)	R	5.2 ± 3.6 (2.2-19)						1	764				756	2190	
<i>Pimelodus maculatus</i> Lacépède, 1803	R	10.5 ± 2.2 (4.2-16)	11					29	86	5	46	58	30	2200	
<i>Pimelodus albicans</i> (Valenciennes, 1840)	R	13.3 ± 2.1 (10-17)						2	3		2	15		2199	
<i>Pseudoplatystoma corruscans</i> (Spix & Agassiz, 1829)	R	41							1			1		2202	
Pseudopimelodidae															

Table S1. (continuation)

	P-R	Lst (cm)	R1	R2	R3	Z2	Z3	P1	P2	P3	B1	B2	B3	JB	Voucher number, CFA-IC
<i>Microglanis cottoides</i> (Boulenger, 1891)	R	5.0 ± 0.2 (4.7-5.3)							12						2185
Heptapteridae															
<i>Pimelodella laticeps</i> Eigenmann, 1917	P	5.3 ± 1 (3.1-7.7)						26	308	16		3	6	201	2180
<i>Rhamdia quelen</i> (Quoy & Gaimard, 1824)	P	13.6 ± 5.9 (1.6-21.5)	1				2	5	2	1		9		23	-
Aspredinidae															
<i>Bunocephalus doriae</i> Boulenger, 1902	R								1	1					2162
<i>Pseudobunocephalus iheringii</i> (Boulenger, 1891)	R	3.8 ± 1.7 (2.0-8.2)						11	1					1	2176
Callichthyidae															
<i>Corydoras paleatus</i> (Jenyns, 1842)	P	4 ± 1.2 (1.5 ± 8.8)	10	3		88	1,504	1,483	288	121	1	1		18	2188
Loricariidae															
<i>Otocinclus arnoldi</i> Regan, 1909	P	3.4 ± 0.6 (1.7-4.6)		1		1	116	33	227	6	1		1	1	2170
<i>Loricariichthys anus</i> (Valenciennes, 1836)	P	15.5 ± 8.7 (2.2-31)						11	47	5				35	2197
<i>Hypostomus commersoni</i> Valenciennes, 1836	P	8.7 ± 8.1 (2.1-32)					5		17				6	25	2195
ATHERINIFORMES															
Atherinopsidae															
<i>Odontesthes bonariensis</i> (Valenciennes, 1835)	R	2.8								1			2		-
CYPRINODONTIFORMES															
Poeciliidae															
<i>Cnesterodon decemmaculatu</i> (Jenyns, 1842)	P	2 ± 0.5 (1.1-3.1)	10	13	218		9	24	55		139		1	74	2163
Anablepidae															

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	P-R	Lst (cm)	R1	R2	R3	Z2	Z3	P1	P2	P3	B1	B2	B3	JB	Voucher number, CFA-IC
<i>Jenynsia lineata</i> (Jenyns, 1842)	P	3.0 ± 0.5 (1.7-3.7)							105	1	1		1	32	2160
SYBRANCHIFORMES															
Synbranchidae															
<i>Synbranchus marmoratus</i> Bloch, 1795	P	52.3 ± 8.2 (44.5-61.0)							3	1				1	2204
CICHLIFORMES															
Cichlidae															
<i>Crenicichla scottii</i> (Eigenmann, 1907)	R	8.8								1					2191
<i>Gymnogeophagus meridionalis</i> Reis & Matabarba, 1988	P	5.0 ± 1.4 (3.5-6.6)					1		6	3					2164
<i>Australoheros facetus</i> (Jenyns, 1842)	P	8.8 ± 3.9 (1.4-14)							1		2	1		71	-
PERCIFORMES															
Sciaenidae															
<i>Pachyurus bonariensis</i> Steindachner, 1879	R	4.7 ± 0.6 (3.7-6.3)								61			106		2189
<i>Plagioscion ternetzi</i> Boulenger, 1895	R	4 ± 0.9 (2.8-7.9)								15			74		2179
TOTAL RICHNESS			4	4	3	2	10	26	33	32	17	20	24	29	