

Table 2. Abundance, percentage and frequency of occurrence (F.O.) of species collected in the study sites in the semi-arid region of Brazil. Seridó stream (SE), Cipó stream (CI) and Recanto reservoir (RE) (Piranhas-Açu catchment), Escama-Peixe stream (EP, Moxotó River), Mulungu reservoir (MU, Ipanema River) and Salobro reservoir (SA, Una River).

	SE	CI	RE	EP	MU	SA	%	F.O.
Characiformes								
Curimatidae							4.1	
<i>Curimatella lepidura</i> (Eigenmann & Eigenmann, 1889)	0	0	0	21	0	0	0.2	4.3
<i>Psectrogaster rhomboides</i> Eigenmann & Eigenmann, 1889	1	0	0	0	0	0	0.01	4.3
<i>Steindachnerina notonota</i> (Miranda-Ribeiro, 1937)	205	0	0	0	0	0	2.3	17.4
<i>Cyphocharax gilbert</i> (Quoy & Gaimard, 1824)	50	0	0	81	0	0	1.5	8.7
Parodontidae							0.3	
<i>Apareiodon hasemani</i> Eigenmann, 1916	0	0	0	27	0	0	0.3	8.7
Prochilodontidae							3.1	
<i>Prochilodus brevis</i> Steindachner, 1874	243	5	6	15	1	0	3.1	47.8
Anostomidae							0.2	
<i>Leporinus piau</i> Fowler, 1941	6	6	2	1	0	0	0.2	34.8
<i>Leporinus melanopleura</i> Günther, 1864	0	0	0	2	0	0	0.02	4.3
<i>Leporinus taeniatus</i> Lütken, 1875	0	0	0	1	0	0	0.01	4.3
Crenuchidae							8.1	
<i>Characidium bimaculatum</i> Fowler, 1941	3	0	702	0	0	0	8.1	21.7
Characidae							36.6	
<i>Astyanax bimaculatus</i> (Linnaeus, 1758)	542	40	697	126	857	21	26.1	87.0
<i>Astyanax fasciatus</i> (Cuvier, 1819)	123	1	8	24	0	2	1.8	43.5
<i>Colossoma macropomum</i> (Cuvier 1816) *	0	0	2	0	0	0	0.02	4.3
<i>Compsura heterura</i> Eigenmann, 1915	1	0	0	0	0	0	0.01	4.3
<i>Hemigrammus marginatus</i> Ellis, 1911	2	0	0	0	0	0	0.02	8.7
<i>Moenkhausia costae</i> (Steindachner, 1907)	0	0	0	1	0	0	0.01	4.3
<i>Moenkhausia</i> sp.	40	0	0	0	0	0	0.5	8.7
<i>Serrapinnus heterodon</i> (Eigenmann, 1915)	141	17	4	134	0	0	3.4	43.5
<i>Serrapinnus piaba</i> (Lütken, 1875)	68	0	0	0	0	0	0.8	4.3
<i>Serrasalmus rhombeus</i> (Linnaeus, 1766)	1	0	0	0	0	0	0.01	4.3
<i>Tetragonopterus chalcus</i> Spix & Agassiz, 1829	0	0	0	134	0	0	1.5	8.7
<i>Triportheus signatus</i> (Garman, 1890)	181	0	0	27	0	0	2.4	26.1
Erythrinidae							1.2	
<i>Hoplias malabaricus</i> (Bloch, 1794)	53	21	31	3	1	0	1.2	60.9
Siluriformes								
Loricariidae							0.8	
<i>Hypostomus puseurum</i> (Starks, 1913)	66	4	0	1	0	0	0.8	30.4
<i>Pseudancistrus papariae</i> Fowler 1941	1	0	0	0	0	0	0.01	4.3
Heptapteridae							0.1	
<i>Pimelodella enochi</i> Fowler, 1941	6	0	0	0	0	0	0.1	4.3
Cyprinodontiformes								
Poeciliidae							15.2	
<i>Poecilia reticulata</i> Peters, 1860 *	25	0	0	0	322	0	4.0	21.7
<i>Poecilia vivipara</i> Bloch & Schneider, 1801	622	137	0	0	219	0	11.2	47.8
Synbranchiformes								
Synbranchidae							0.01	
<i>Synbranchus marmoratus</i> Bloch, 1785	0	1	0	0	0	0	0.01	4.3
Perciformes								
Cichlidae							30.4	
<i>Cichla ocellaris</i> Bloch & Schneider, 1801 *	0	64	0	6	0	0	0.8	21.7
<i>Cichlasoma orientale</i> Kullander, 1983	104	39	0	0	0	0	1.6	30.4
<i>Crenicichla menezesi</i> Ploeg, 1991	27	0	1	0	0	0	0.3	21.7
<i>Geophagus brasiliensis</i> (Quoy & Gaimard, 1824)	7	0	1	29	911	72	11.7	65.2
<i>Oreochromis niloticus</i> (Linnaeus, 1758) *	324	0	1	79	19	415	9.6	69.6
<i>Parachromis managuensis</i> (Günther, 1867) *	0	0	0	0	0	553	6.3	17.4
Total	2842	335	1455	712	2330	1063		

* = Non-native species.