

Appendice 1

Composition and abundance of the ichthyofauna of the forested (FO), intermediate (IN) and pasture (PA) streams sampled in the middle portion of the Machado River Basin, RO.

Family, order, species	Acronym	Sampling site		
		FO	IN	PA
Characiformes		FO	IN	PA
Acestrorhynchidae				
<i>Acestrorhynchus falcatus</i> (Bloch, 1794)	Af	1	0	0
<i>Acestrorhynchus falcistrostris</i> (Cuvier, 1819)	Afl	1	0	0
Characidae				
<i>Astyanax bimaculatus</i> (Linnaeus, 1758)	Ab	0	12	0
<i>Astyanax maximus</i> (Steindachner, 1877)	Am	2	0	0
<i>Brachychalcinus copei</i> (Steindachner, 1882)	Bc	25	2	19
<i>Bryconops caudomaculatus</i> (Günther, 1864)	Bcl	0	30	8
<i>Bryconops giacopini</i> (Fernández-Yépez, 1950)	Bg	70	64	75
<i>Bryconops</i> sp.	Bs	0	0	189
<i>Creagrutus anary</i> Fowler, 1913	Ca	89	153	210
<i>Hyphessobrycon copelandi</i> Durbin, 1908	Hc	2	1	0
<i>Knodus heteresthes</i> (Eigenmann, 1908)	Kh	0	43	521
<i>Moenkhausia collettii</i> (Steindachner, 1882)	Mc	1	0	9
<i>Moenkhausia comma</i> Eigenmann, 1908	Mc1	1	0	0
<i>Moenkhausia oligolepis</i> (Günther, 1864)	Mo	14	0	0
<i>Myleus asterias</i> (Müller & Troschel, 1844)	Ma	1	0	0
<i>Mylossoma duriventre</i> (Cuvier, 1818)	Md	1	0	0
<i>Phenacogaster beni</i> Eigenmann, 1911	Pb	1	0	0
<i>Phenacogaster retropinnus</i> Lucena & Malabarba, 2010	Pr	0	0	1
<i>Serrapinnus notomelas</i> (Eigenmann, 1915)	Sn	4	0	2
<i>Serrapinnus microdon</i> (Eigenmann, 1915)	Sm	0	4	0
Chilodontidae				
<i>Caenotropus labyrinthicus</i> (Kner, 1858)	Cl	1	0	0
Crenuchidae				
<i>Characidium zebra</i> Eigenmann, 1909	Cz	46	8	6
<i>Characidium</i> sp.	Cs	0	2	3
Erythrinidae				
<i>Hoplias malabaricus</i> (Bloch, 1794)	Hm	0	4	0
Anostomidae				
<i>Leporinus friderici</i> (Bloch, 1794)	Lf	2	0	0
Siluriformes				
Callichthyidae				
Callichthyidae (undetermined)	Cu	0	0	2
<i>Corydoras</i> sp.	Cs	0	0	2
<i>Corydoras trilineatus</i> Cope, 1872	Ct	4	0	0
<i>Hoplosternum littorale</i> (Hancock, 1828)	Hl	0	1	0
Loricariidae				

<i>Ancistrus dubius</i> Eigenmann & Eigenmann, 1889	Ad	28	47	5
<i>Ancistrus</i> sp.	As	0	5	12
<i>Farlowella oxyrryncha</i> (Kner, 1853)	Fo	35	0	0
<i>Hypostomus</i> sp.1	Hs	13	0	0
<i>Hypostomus</i> sp. 2	Hs1	0	0	7
<i>Hypostomus hoplonites</i> Rapp Py-Daniel, 1988	Hh	0	2	0
Loricariidae (undetermined)	Ls	11	9	0
<i>Rineloricaria phoxocephala</i> (Eigenmann & Eigenmann, 1889)	Rp	55	0	0
<i>Rineloricaria</i> sp.	Rs	2	9	0
<i>Rineloricaria</i> sp. 1	Rs1	0	4	0
Heptapteridae				
<i>Cetopsorhamdia</i> sp.	Cs	6	4	2
<i>Imparfinis stictonotus</i> (Fowler, 1940)	Is	4	0	10
<i>Phenacorhamdia</i> sp.	Ps	1	1	1
<i>Pimelodella howesi</i> Fowler, 1940	Ph	9	0	12
<i>Pimelodella</i> sp.	Ps1	3	0	1
<i>Rhamdia quelen</i> (Quoy & Gaimard, 1824)	Rq	0	2	0
Trichomycteridae				
<i>Ituglanis amazonicus</i> (Steindachner, 1882)	Ia	2	7	0
Auchenipteridae				
<i>Trachelyopterus galeatus</i> (Linnaeus, 1766)	Tg	1	0	0
<i>Tatia aulopygia</i> (Kner, 1858)	Ta	0	0	2
Perciformes				
Cichlidae				
<i>Aequidens tetramerus</i> (Heckel, 1840)	At	7	88	9
<i>Crenicichla lepidota</i> Heckel, 1840	Cl	7	15	0
<i>Crenicichla regani</i> Ploeg, 1989	Cr	0	2	0
<i>Crenicichla santosi</i> Ploeg, 1991	Cs1	1	23	3
<i>Satanoperca jurupari</i> (Heckel, 1840)	Sj	5	0	4
Gymnotiformes				
Apteronotidae				
<i>Parapteronotus</i> sp.	Ps2	1	0	0
Sternopygidae				
<i>Eigenmannia</i> sp.	Es	1	0	0
<i>Sternopygus macrurus</i> (Bloch & Schneider, 1801)	Sm	2	0	0
Rhamphichthyidae				
<i>Gymnorhamphichthys rondoni</i> (Miranda Ribeiro, 1920)	Gr	0	0	4
Gymnotidae				
<i>Gymnotus carapo</i> Linnaeus, 1758	Gc	15	2	0
Synbranchiformes				
Synbranchidae				
<i>Synbranchus caripuna</i>	Sc	1	0	0
