

Table S1. Environmental variables of the twelve streams located in the transition zone between the Amazon and Cerrado Biomes in headwaters of Xingu River, Brazil. [HII—habitat integrity index; EVI—enhanced vegetation index; NDVI—normalized difference vegetation index; pH—potential of hydrogen; Cond—conductivity; Turb—turbidity; AT—air temperature; WT—water temperature; DO—dissolved oxygen; Dep—depth; Wid—width; Nitr—nitrate; Pho—phosphorus; TH—total hardness; Ca—calcium; Mg—magnesium].

Streams names	Abbreviations	HII	EVI	NDVI	pH	Cond	Turb	AT	WT	DO	Dep	Wid	Nitr	Pho	TH	Ca	Mg	Land use
Brejão stream	CRBJ	0.71	0.442	0.57	5.13	0.8	2.3	30	23.7	8.5	0.73	100	0.1	0.3	3.36	0.96	2.4	Agriculture
Lúcio stream	CRL	0.74	0.404	0.54	4.59	0.6	42	28	22.5	8.4	0.77	3.42	0.3	0.08	2.92	0.96	1.96	Forest
Sucuri stream	CRSRI	0.6	0.517	0.57	4.86	0.9	88.1	33	25.5	7.5	0.83	100	0.4	0.05	3.49	1.4	2.09	Agriculture
Transição-brejo stream	CRTB	0.39	0.38	0.52	4.11	1	49.9	31	23.8	9.9	0.2	1.37	0.3	0.03	3.27	1.09	2.18	Agriculture
Betis river 1	RIBET1	0.64	0.438	0.71	5.37	1.2	110	26	24.3	7.3	0.31	1.27	0.6	0.11	4.14	1.09	3.05	Agriculture
Betis river 2	RIBET2	0.49	0.429	0.56	5.67	1.3	67.8	26	24.2	6.1	0.12	4.83	0.4	0.04	4.58	1.74	2.83	Agriculture
Darro river	RID	0.69	0.037	0.09	4.62	0.6	52.3	33	25.7	6.3	3.42	100	0.4	0.06	3.79	0.92	2.88	Forest
Piabanha river	CRPB	0.65	0.424	0.55	4.47	0.3	65.3	31	23.9	9.8	1.07	5.96	0.4	0.08	2.75	0.87	1.87	Forest
Suiá-Missu river 1	RISU1	0.58	0.369	0.49	4.97	0.5	50.4	31	23.5	8.6	1.32	1.32	0.4	0.06	19.18	15.26	3.92	Forest
Suiá-Missu river 2	RISU2	0.67	0.332	0.46	4.5	0.4	63.4	29	23.4	9.7	1.43	9.66	0.3	0.04	2.88	0.96	1.92	Forest
Suiá-Missu river 3	RISU3	0.73	0.417	0.47	4.86	0.9	88.1	27	25.5	7.5	3.4	73	0.3	0.07	3.49	1.53	1.96	Forest