

TABLE S1 | Sites, coordinates (in decimals), and area (in hectares, ha) of each stream reach sampled in the four protected areas of Pará State, Brazil.

Sites	Longitude	Latitude	Area (ha)
Parque Nacional da Amazônia (PARNA AM)			
PPN4	-56.4142	-4.6087	99.994
PPN9	-56.7401	-4.7091	13.459
PPN12	-56.8522	-4.8749	57.911
PFN7	-56.3502	-4.2881	129.376
PFN6	-56.1495	-4.3468	198.661
PFN1	-56.3448	-4.3800	768.104
PF19B	-56.3471	-4.3126	16.113
PFN5	-56.1192	-4.2826	21.705
PF14	-56.3178	-4.3539	186.055
PPN3	-56.4186	-4.6059	47.201
PPN5	-56.3972	-4.6166	57.722
PPN6	-56.7869	-4.8129	592.191
PF1	-56.3051	-4.4388	20.094
PF17	-56.2763	-4.4404	13.175
PFN4	-56.2762	-4.4316	22.273
PP21	-56.5237	-4.6772	640.908
PPN2	-56.2862	-4.4680	24.359
PFN3	-56.1026	-4.2950	45.874
PFN2	-56.1490	-4.2545	682.138
PPN11	-56.8204	-4.8559	2219.483
PF58	-56.0731	-4.2883	54.689
PPN8	-56.4146	-4.6410	13.269
PPN7	-56.5474	-4.6412	433.528
PPN1	-56.2919	-4.4723	23.600
PP20	-56.5144	-4.6797	17.724
PP1	-56.2793	-4.4749	310.597
PP11	-56.3137	-4.5587	169.658
PP2	-56.2728	-4.4786	203.494
PP52	-56.3054	-4.5278	515.039
Parque Nacional do Jamanxim (PARNA JX)			
PJF07	-56.0383	-5.2780	2917.038
PJF30	-55.9496	-5.3073	1553.602
PJ11	-55.7324	-5.5192	321.630
PJ08	-55.7976	-5.4784	194.318
PJ14	-55.7277	-5.5149	51.100
PJN01	-55.8425	-5.4377	215.491
PJ04	-55.8483	-5.4289	284.824
PJF21	-55.8876	-5.4006	287.844
PJN02	-55.8430	-5.4278	197.433
PJN03	-55.8931	-5.4083	433.036
PJN04	-55.8508	-5.5127	246.885
PJ27	-55.8551	-5.4874	767.741
PJN05	-55.9359	-5.3650	103.624
PJN07	-55.9136	-5.3865	212.721
PJ07	-55.8725	-5.4012	174.371
PJN06	-55.9294	-5.3687	106.455
PJF29	-55.8203	-5.5583	724.828
PJ38	-55.7387	-5.7704	3485.082
PJFN09	-55.6894	-6.0027	4251.784
PJFN26	-55.5921	-6.1203	178.463
PJF26	-55.6153	-6.1273	229.237
PJFN10	-55.6877	-6.0205	249.905
PJF19	-55.5977	-6.2930	322.857
PJFN11	-55.6160	-6.2530	474.990
PJ36	-55.7259	-5.8228	2625.325



TABLE S1 | (Continued)

Sites	Longitude	Latitude	Area (ha)
PJFN12	-55.5699	-6.1140	3040.670
PJF15	-56.0206	-5.2271	513.023
PJF28	-55.8225	-5.6205	124.103
Floresta Nacional Saracá-Taquera (FLONA ST)			
PSTUN5	-56.5306	-1.8772	300.031
PSTM4	-56.4566	-1.7420	380.176
PSTM3	-56.4595	-1.7513	269.206
PSTM2	-56.5535	-1.7699	125.802
PSTM1	-56.5672	-1.7784	249.281
PSTU3	-56.5446	-1.7720	66.096
PSTU1	-56.5450	-1.7606	114.276
PSTU2A	-56.5336	-1.7639	180.930
PSTF9	-56.5545	-1.9284	1551.975
PSTF5B	-56.5133	-1.9422	2391.846
PSTU29	-56.5651	-1.7595	150.998
PSTF7	-56.3958	-1.8946	1903.560
PSTF6	-56.4456	-1.9187	2861.638
PSTF8	-56.4118	-1.9089	303.247
PSTU10	-56.4982	-1.8310	257.948
PSTU11	-56.4858	-1.8335	270.188
PSTU18	-56.6017	-1.7828	403.585
PSTU17	-56.5958	-1.8114	952.361
PSTU8	-56.5552	-1.8244	198.799
PSTU19	-56.6068	-1.7678	158.146
PSTU25	-56.5790	-1.7493	352.835
PSTF2	-56.4705	-1.8684	491.146
PSTU14	-56.4815	-1.8480	204.607
PSTF10	-56.6107	-2.0086	2663.732
Reserva Biológica Nascentes da Serra do Cachimbo (REBIO SC)			
SCD01	-54.6347	-8.7387	1080.294
SCD02	-54.6175	-8.7422	257.616
SCD03	-54.6438	-8.7277	189.147
SCD04	-54.6721	-8.7094	269.598
SCD05	-54.7053	-8.6726	877.264
SCD06	-54.5253	-8.9999	371.541
SCD07	-54.5971	-9.0529	1057.471
SCD08	-54.6238	-9.0590	263.797
SCD09	-54.6527	-9.0717	1075.349
SCD10	-54.5444	-8.8031	725.870
SCD11	-54.5343	-8.8018	238.311
SCD12	-54.5070	-8.8040	166.704
SCD13	-54.5169	-8.7911	348.053
SCD14	-54.6834	-9.0848	1583.259
SCD15	-54.8592	-9.0899	453.324
SCD16	-54.8853	-9.0899	542.144
SCD17	-54.7665	-8.6645	1460.204
SCD18	-54.5802	-8.7696	122.199



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