

Table S1. Site characterization of three riparian buffer types, with significant differences in bold.

Environmental Variables	GRASS	AGROFOREST-REHAB	AGROFOREST-NATURAL	F (<i>p</i> -Value)
Gravimetric soil moisture	32.34 ± 3.25 ^a	55.40 ± 9.10 ^a	99.69 ± 13.90 ^b	14.64 (<0.01)
Soil C/N	14.49 ± 0.26 ^a	15.12 ± 0.72 ^a	14.93 ± 0.30 ^a	0.46 (0.64)
NH ₄	10.63 ± 1.08 ^a	13.75 ± 2.37 ^a	32.63 ± 2.22 ^b	31.75 (<0.01)
NO ₃	12.21 ± 1.46 ^a	4.08 ± 0.85 ^b	3.79 ± 1.05 ^b	8.95 (<0.01)

^{a,b} Means in rows followed by the same letter are not significantly different at $p < 0.05$.