

Challenges using extrapolated family-level macroinvertebrate metrics in moderately disturbed tropical streams: a case-study from Belize

Hydrobiologia

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Online Resources 3 Mean (SE) values of environmental characteristics for treatment groups in silicate streams

Parameter	Forest	Milpa	Multiple Stressor
Dissolved Oxygen	8.74 (0.09)	8.60 (0.20)	7.85 (0.26)
Conductivity	81.87 (8.13)	65.27 (1.44)	61.03 (1.40)
pH	7.87 (0.13)	7.55 (0.21)	7.09 (0.04)
Turbidity	0.99 (0.08)	1.72 (0.44)	3.29 (0.51)
NO ₃ ⁻ N	0.17 (0.02)	0.17 (0.02)	0.34 (0.10)
PO ₄ ³⁻	0.19 (0.03)	0.22 (0.01)	0.22 (0.02)
SVAP ^a	8.83 (0.27)	8.44 (0.12)	5.79 (0.25)
Riparian Width	29.55 (0.46)	7.69 (2.59)	0.23 (0.18)
%Gravel	42.07 (4.38)	40.04 (0.74)	41.56 (1.86)
%Sand	12.96 (2.88)	13.47 (2.68)	24.57 (2.21)
%Fines	10.03 (1.82)	17.94 (2.01)	27.78 (2.54)
%Embeddedness	45.10 (4.67)	50.71 (2.78)	65.24 (4.70)
Riparian Canopy	63.63 (4.29)	63.90 (2.36)	51.43 (4.30)
Stream Size	1224.38 (313.35)	1417.49 (58.75)	1132.62 (178.51)
Distance Sea	63.47 (1.70)	61.44 (0.97)	46.94 (1.78)

^aStream Visual Assessment Protocol Score