

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

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Online Resources 2. Taxon assignments from which membership to trait classifications CG, SC, SH, CF, SW, CL, BU* were analysed.

Class/ Order	Family	Functional Feeding Group		Locomotory Group	
		Classification	Reference	Classification	Reference
Ephemeroptera					
	Baetidae	CG, SC	Tomonova et al. 2008	SW, CL	Tomonova et al. 2008
	Caenidae	CG, SC	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Euthyplociidae	CF, SH	Tomonova et al. 2008	BU	Tomonova et al. 2008
	Heptageniidae	SC, CG	Merritt et al. 2008	CL, SW	Merritt et al. 2008
	Leptohyphidae	CG, SC	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Leptophlebiidae	CG, SC	Tomonova et al. 2008	CL	Tomonova et al. 2008
Odonata					
	Calopterygidae	PR	Merritt et al. 2008	CL	Merritt et al. 2008
	Coenagrionidae	PR	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Gomphidae	PR	Tomonova et al. 2008	BU, CL	Tomonova et al. 2008
	Libellulidae	PR	Tomonova et al. 2008	BU, CL	Tomonova et al. 2008
	Megapodagrionidae	PR	Merritt et al. 2008		
	Perilestidae	PR	Merritt et al. 2008		
	Platystictidae	PR	Merritt et al. 2008		
	Polythoridae	PR	Tomonova et al. 2007	CL	Tomonova et al. 2007
	Protoneuridae	PR	Merritt et al. 2008		
Plecoptera					
	Perlidae	PR	Tomonova et al. 2008	CL	Tomonova et al. 2008
Blattodea					
Hemiptera					
	Belostomatidae	PR	Merritt et al. 2008	CL, SW	Merritt et al. 2008
	Gerridae	PR	Merritt et al. 2008	SW	Merritt et al. 2008
	Naucoridae	PR (PI)	Tomonova et al. 2008	SW	Tomonova et al. 2008
	Veliidae	PR	Merritt et al. 2008	SK	Merritt et al. 2008
Trichoptera					
	Calamoceratidae	SH	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Ecnomidae	CF	Merritt et al. 2008	CL	Merritt et al. 2008
	Glossosomatidae	CG, SC	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Helicopsychidae	CG, SC	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Hydrobiosidae	PR	Tomonova et al. 2007	CL	Tomonova et al. 2007
	Hydropsychidae	CF	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Hydroptilidae	SC, PI	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Leptoceridae	SH, CG, SC	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Odontoceridae	CG, SC	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Philopotamidae	CF	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Polycentropodidae	PR	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Xiphocentronidae	CG	Tomonova et al. 2008		
Lepidoptera					
	Pyalidae	PI, SH	Tomonova et al. 2008	CL, BU	Tomonova et al. 2008
Megaloptera					
	Corydalidae	PR	Tomonova et al. 2008	CL	Tomonova et al. 2008
Coleoptera					
	Chrysomelidae	SH	Merritt et al. 2008	CL	Merritt et al. 2008
	Dryopidae	SH, SC	Merritt et al. 2008	CL, BU	Merritt et al. 2008
	Dytiscidae	PR	Merritt et al. 2008	CL, SW	Merritt et al. 2008
	Elmidae	CG, SH	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Lutrochidae	SH	Merritt et al. 2008	CL	Merritt et al. 2008
	Gyrinidae	PR	Merritt et al. 2008	CL, SW	Merritt et al. 2008
	Hydrophilidae	SH, CG	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Psephenidae	SC, CG	Tomonova et al. 2008	CL	Tomonova et al. 2008
	Ptilodactylidae	SH, SC	Tomonova et al. 2007	CL, BU	Tomonova et al. 2007
	Scirtidae	SC, CG	Merritt et al. 2008	CL	Merritt et al. 2008
	Staphylinidae	CG, SH	Tomonova et al. 2007	CL	Tomonova et al. 2007

Diptera					
Athericidae	PI, PR	Tomonova et al. 2007	CL	Tomonova et al. 2007	
Ceratopogonidae	PR	Tomonova et al. 2008	BU, CL	Tomonova et al. 2008	
Chironomidae	CG	Tomonova et al. 2008	CL, BU	Tomonova et al. 2008	
Dixidae	CG	Tomonova et al. 2007	SW	Tomonova et al. 2007	
Dolichopodidae	PR	Tomonova et al. 2007	CL	Tomonova et al. 2007	
Empididae	PR	Tomonova et al. 2008	CL, BU	Tomonova et al. 2008	
Psychodidae	CG, SH	Tomonova et al. 2008	CL	Tomonova et al. 2008	
Simuliidae	CF	Tomonova et al. 2008	CL	Tomonova et al. 2008	
Stratiomyidae	SH, CG	Tomonova et al. 2008	SW, CL, BU	Tomonova et al. 2008	
Tipulidae	CG, PR	Tomonova et al. 2007	BU	Tomonova et al. 2007	
Collembola					
Acari					
Hydracarina	PI	Tomonova et al. 2008	CL	Tomonova et al. 2008	
Ostracoda					
Gastropoda					
Ampullariidae	SC	Tomonova et al. 2008	BU	Tomonova et al. 2008	
Planorbidae (Ancylini)	SC	Tomonova et al. 2008	CL	Own observation	
Pachychilidae	SC, SH	Own observation	BU, CL	Own observation	
Physidae	SC	Tomonova et al. 2008	BU	Tomonova et al. 2008	
Thiaridae	SC	Tomonova et al. 2008	BU	Tomonova et al. 2008	
Bivalvia					
Sphaeriidae	CF	Tomonova et al. 2008	CL	Tomonova et al. 2008	
Hirudinea					
Glossiphoniidae	PR	Tomonova et al. 2008	CL	Tomonova et al. 2008	
Oligochaeta	CG	Tomonova et al. 2008	BU	Tomonova et al. 2008	
Tricladida					
Planariidae	PR	Tomonova et al. 2008	CL	Tomonova et al. 2008	

*CG – Collector-gatherer, SH – Shredder, SC – Scraper, CF – Collector-filterer, PI – Piercer, PR – Predator, CL – Clinger/Climber/Crawler, SW – Swimmer, BU – Burrower, SK - Skater