Table S3. Chironomidae assemblage metrics employed for the Chironomidae Index of Biotic Integrity (CIBI) in estuaries of the Caribbean coast of Costa Rica.

Metric Type	Metric Name	Metric Calculation Description	Response to Disturbance	Theoretical Range
Richness	Total species richness	Total number of species	Decrease	0-∞
Richness	Margalef's Diversity Index	Margalef's Diversity Index score is based on species richness	Decrease	0-16
Relative Richness	% Tolerance	Relative richness (%) of specimens in sample with tolerance values greater than 7, using Southeast USA-derived tolerance values	Increase	0-100
Relative Richness	% Intolerance	Relative richness (%) of specimens in sample with tolerance values less than 3, using Southeast USA-derived tolerance values	Decrease	0-100
Relative Abundance	Berger-Parker Index of Dominance	Relative abundance of dominant species	Increase	0-8
Relative Abundance	% Orthocladiinae	Relative abundance (%) of Orthocladiinae	Decrease	0-100
Relative Abundance	% Chironomini	Relative abundance (%) of Chironomini	Increase	0-100
Relative Abundance	% Tanytarsini	Relative abundance (%) of Tanytarsini	Decrease	0-100
Biotic Index	Hilsenhoff's Biotic Index	Abundance weighted average of each genus using Southeast USA-derived tolerance values.	Increase	0-10
Diversity	Shannon's Diversity Index	Shannon's Diversity Index score is based on species richness and evenness	Decrease	0-4