

Table 1. Index of Biotic Integrity metrics used in various regions of North America

[IBI, Index of Biotic Integrity, X = metric used in region. Taken from Karr and others (1986), Hughes and Gammon (1987), Ohio Environmental Protection Agency (1987), Miller and others (1988), Steedman (1988), Lyons (1992). Many of these variations are applicable elsewhere]

Alternative IBI metrics	Mid-west	New England	Ontario	Central Appalachia	Colorado Front Range	Western Oregon	Sacramento/San Joaquin	Wisconsin
1. Total number of species	X	X		X	X		X	
Number of native fish species	X		X			X		X
Number of salmonid age classes ¹ . .						X	X	
2. Number of darter species	X			X	X			X
Number of sculpin species						X		
Number of benthic insectivore species.		X						
Number of darter and sculpin species.	X	X						
Number of salmonid yearlings (individuals). ¹						X	X	
Percentage of round-bodied sucker.	X							
Number of sculpins (individuals) . .							X	
3. Number of sunfish species	X				X			X
Number of cyprinid species						X		
Number of water-column species . .		X						
Number of sunfish and trout species.			X					
Number of salmonid species							X	
Number of headwater species	X							
4. Number of sucker species	X	X				X		X
Number of adult trout species ¹						X	X	
Number of minnow species	X				X			
Number of sucker and catfish species.			X					
5. Number of intolerant species	X	X			X	X		X
Number of sensitive species	X							
Number of amphibian species							X	
Presence of brook trout			X					
6. Percentage of green sunfish	X							
Percentage of common carp						X		
Percentage of white sucker		X			X			
Percentage of tolerant species	X							X
Percentage of creek chub				X				
Percentage of dace species			X					