

Maine Stream Explorers

Expanded Field Data Sheet


















A treasure hunt for healthy streams in Maine. Your objective is to find aquatic insects and other macroinvertebrates. The "Sensitive" macroinvertebrates prefer streams with good habitat and cold, clean water. The "Moderately Sensitive" bugs are a little more tolerant of pollution and habitat alteration. The "Tolerant" ones are least sensitive to pollution but they are not bad, they are just tough. Thank you and have fun!

Stream Name:		Town:		Collection Date:	
Latitude:		Longitude:		Photos: upstream downstream	
Description of Sample Location:					
Names of Collectors:					
Total time at the stream:			Time spent sorting and identifying macroinvertebrates:		
Number of samples collected: Rocks Tree roots and undercut banks Logs and branches Plants					









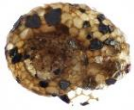




















Abundance Categories: 1-5 = Few (F), 6-25 = Common (C), more than 25 = Abundant (A)

PICTURES ARE NOT TO SCALE

Sensitive to pollution	Brush-legged Mayfly 	Spiny Crawler Mayfly 	Two-tailed Mayfly 	Roach-like Stonefly 	Giant Stonefly 	Common Stonefly 
Sensitive to pollution	Short-tailed Stonefly 	Tiny Stoneflies 		Other Small Stoneflies 		
Sensitive to pollution	Free-living Caddisfly 	Saddle-case Caddis. 	Log Cabin Caddis. 	Wood Panel Caddis. 	Watersnipe Fly 	Clubtail Dragonfly 

Comments:



Moderately Sensitive to pollution	Minnow Mayflies 	Flat-headed Mayfly 	Prong-gilled Mayfly 	Square-gilled Mayfly 	Little Stout Crawler 	Dobsonfly 
Moderately Sensitive to pollution	Tubenet Caddisfly 	Netspinning Caddis. 	Snailcase Caddisfly 	Long-horned Caddis. 	Other Casemaking Caddisflies 	
Moderately Sensitive to pollution	Darner Dragonfly 	Jewelwings 	Narrow-winged Damselfly 	Blackfly 	Crane fly 	Aquatic Dance Fly 
Moderately Sensitive to pollution	Midge (white, yellow) 	Riffle Beetle 	Water Penny 	Crayfish 	Limpet 	Mud Snail 
Tolerant of pollution	Amphipod 	Isopod 	Leech 	Aquatic Worm 	Midge (red, orange) 	Other Snails 

Sensitive (# of kinds)	Moderately Sensitive (# of kinds)	Tolerant (# of kinds)

Please return this form to Hannah Young at Maine Audubon, Gisland Farm

Please e-mail pictures of sites and macroinvertebrates to Hannah Young at conserve@maineaudubon.org

If you questions about the macroinvertebrate keys, contact Tom Danielson at thomas.j.danielson@maine.gov

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