

Maine Marsh Explorers

Field Sheet



A treasure hunt for healthy freshwater marshes in Maine. Your objective is to find aquatic insects and other macroinvertebrates.















The "Sensitive" macroinvertebrates prefer marshes with good habitat and 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!

Marsh Name:		Town:		Collection Date:
Latitude:		Longitude:	Photos:	
Description of Sample Location:				
Names of Collectors:				
Total time at the marsh:		Time identifying macroinvertebrates:		Number of Samples:

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



























PICTURES ARE NOT TO SCALE

Sensitive to pollution	Mayfly 		Caddisfly 		Stonefly 	Whirligig Beetle 
Sensitive to pollution	Dragonfly 		Damselfly 		Aquatic Moth 	Mud Snail 
Moderately Sensitive to pollution	Water Boatman 	Backswimmer 	Water Strider 	Creeping Water Bug 	Giant Water Bug 	Water Scorpion 

Please return this form to Phillip Keefe at Maine Audubon, Gisland Farm

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

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

Moderately Sensitive to pollution	Mosquito	Non-biting Midge	Biting Midge	Crane Fly	Horse and Deer Flies	Phantom Midge
						
Moderately Sensitive to pollution	Crawling Water Beetle	Riffle Beetle	Other Beetles			
						
Moderately Sensitive to pollution	Limpet	Fingernail Clam	Other Snails	Crayfish	Water Mite	Alderfly
						
Tolerant of pollution	Amphipod	Isopod	Leech	Aquatic Worm	Chinese Mystery Snail	Bladder Snail
						
Tolerant of pollution	Aquatic Soldier Fly (T)	Midge (red, orange)				
						

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

Comments: