Maine Stream Explorers







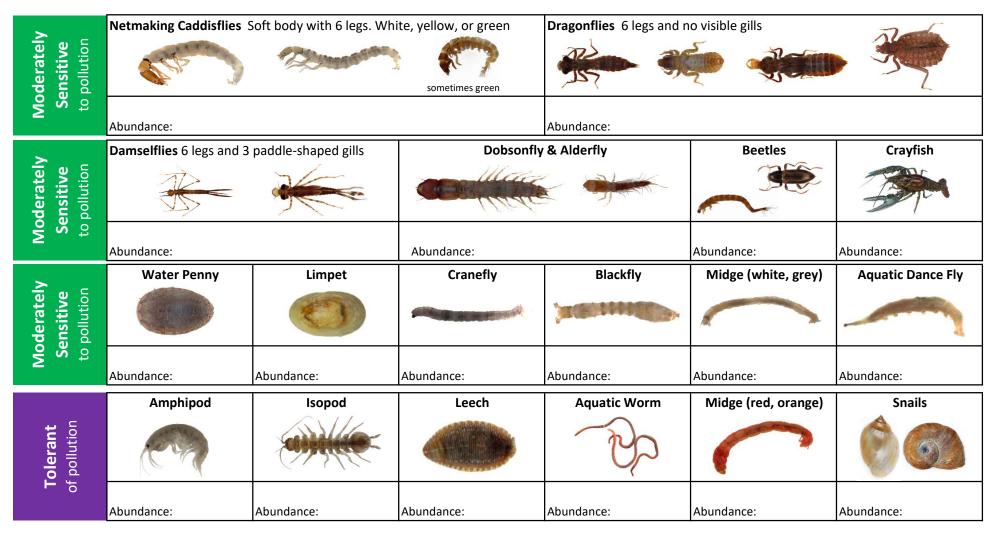




Basic Field Data Sheet

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:	m Name: Town:		Collection Date:			
Latitude: Longitude:	de: Longitude:		upstream	downsti	ream	
Description of Sample Location:						
Names of Collectors:						
Total time at the stream:	Time spent sorting and	d identifying	macroinver	tebrates:		
Number of samples collected: Rocks Tree roots a	samples collected: Rocks Tree roots and undercut banks Logs and branch		branches	Plants		
Abundance Categories : 1-5 = Few (F), 6-25 = Common (C),	more than 25 = Abundan	t (A)		PICT	URES ARE NOT TO SCALE	
Mayflies Look for 6 legs, 3 thin tails (sometimes) Abundance:	es 2), and gills on the abdor	men. Some h	ave protectiv	e plates over gills.		
Stoneflies Look for 6 legs, 2 thin tails, and no standard the standard test and the stan	gills on the abdomen. Some	e may have fu	izzy gills in the	eir "arm pits."		
Casemaking Caddisflies They have a grub-like Abundance:	body with 6 legs. Usually a	creamy color		Freeliving Caddisfly Sometimes green Abundance:	Water Snipe Fly Abundance:	
/ Ibalidance.				, warrauriee.	1, ibarradirec.	



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

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

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

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

Funded by the Onion Foundation and the Maine Outdoor Heritage Fund

Comments: