

Culverts and Stream Ecology Stream Information Worksheet

Name _____

Giving your macroinvertebrates a home stream

As you learned when researching your macroinvertebrates, and listening to the macroinvertebrate presentations from other people, you know that different macros like different types of streams. Some like warm, slow moving water, some like cold, fast-moving water. Some like streams with a mucky bottom, some like streams with a cobble-y bottom.

Using the information about your macroinvertebrates (from the Macroinvertebrate activity) and the information below (about streams) find the best stream—or streams—for your invertebrate and explain WHY you have chosen to put your macroinvertebrate in that stream or streams.

Stream name	Stream information					
	How fast the water is moving	What is on the stream bottom	How acidic or basic the water is	How warm or cold the water is	What color is the water?	How much oxygen is in the water
	Flow rate cubic feet per second (cfs)	Substrate description	pH	Water temperature °C	Color description	Dissolved Oxygen milligrams per liter (mg/L)
Baker Brook	0.0	Leaves and muck	5.5	24.0	Tea colored	9.8
Union River near Amherst	18.2	Pebbles, cobbles, and big rocks	7.1	21.0	Weak tea color	7.8
Heath Brook	5.2	Sand, plants growing on the stream's edges	5.8	27.6	Clear	7.6

Type of macroinvertebrate _____

Stream(s) you have put it in _____

Why did you choose that stream or those streams?

Once you have explained your stream selection put an image of your macroinvertebrate on the classroom image of that stream (or those streams).