

ALABAMA WATER WATCH STREAM BIOMONITORING DATA FORM

online

Group Name: Stream #2 crew! (Urban Ecology class)

Collector(s): _____ Address: _____

City: AUBURN State: AL Zip: _____ Phone #: _____

Sample Date: Sept. 23rd, 2010 Sample Time: _____ AWW Site Code: _____

Watershed: _____ Waterbody: Parkerson Mill County & State: AL

Sampling site location: Parkerson Mill Creek
(Notify the AWW office about any changes in sampling site location.)

Waterbody condition: <input type="checkbox"/> Adequate Depth <input type="checkbox"/> Inadequate Depth <input type="checkbox"/> Dry <input type="checkbox"/> No Access					
Tidally influenced streams and rivers: <input type="checkbox"/> Rising Tide <input type="checkbox"/> Falling Tide <input type="checkbox"/> Uncertain					
Group I Taxa	Letter Code *	Group II Taxa	Letter Code *	Group III Taxa	Letter Code *
Stonefly (10)	R	Dragonfly	C	Midge	R(1)
Mayfly	A	Damselfly	A	Aquatic Worm	R(1)
Caddisfly (11)	C	Cranefly		Leech	R(1)
Riffle Beetle		Blackfly		Pouch Snail***	A
Water Penny Beetle	C	Filtering Caddisfly**	R(2)		
Snail	C	Hellgramite	R(1)		
		Scud			
		Sowbug			
		Crayfish			
		Asiatic Clam			
Number of Taxa = <u>4</u>		Number of Taxa = <u>4</u>		Number of Taxa = <u>4</u>	
Multiply by 3 = <u>12</u> (Index Value)		Multiply by 2 = <u>8</u> (Index Value)		Multiply by 1 = <u>4</u> (Index Value)	

* Letter Code: R = 0 to 3 (Rare); C = 4 to 9 (Common); A = 10 or more (Abundant)

** Filtering Caddisflies are in the Family Hydropsychidae (gills on abdomen; common caddisfly)

*** Pouch snails are in the Family Physidae (shell opens to the left; air-breathing snail)

STREAM BIOTIC INDICES		STREAM QUALITY ASSESSMENT	
<i>(Check box corresponding to Cumulative Index Value)</i>			
Total Number of Taxa <i>(Sum of Number of Taxa in each group)</i>	12	POOR <11	FAIR 11-16
Cumulative Index Value <i>(Sum of Index Values for each group)</i>	24	GOOD 17-22	EXCELLENT >22