

Unit 2, Station 3, Activity 3—Critter Cube Count

Group 1: These are sensitive to pollutants. Circle each animal found.



Stonefly Larva



Dobsonfly Larva

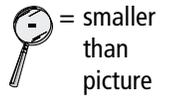
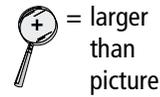


Alderfly Larva



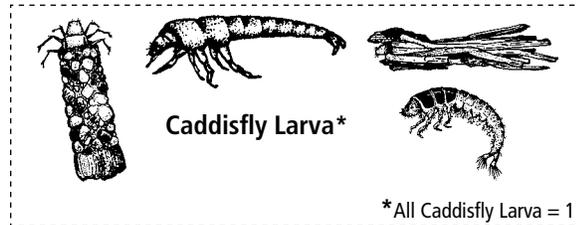
Water Snipe Fly Larva

Relative Size Key:



Number of group 1 animals circled:

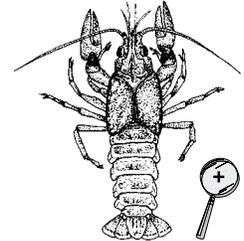
Group 2: These are semi-sensitive to pollutants. Circle each animal found.



Dragonfly Larva



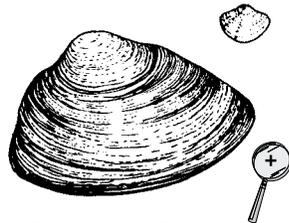
Water Penny



Crawfish



Crane Fly Larva



Freshwater Mussel or Fingernail clam



Mayfly Larva



Damselfly Larva



Damselfly tail (side view)



Riffle Beetle Larva*

Riffle Beetle Adult*

Number of group 2 animals circled:

Group 3: These are semi-tolerant of pollutants. Circle each animal found.



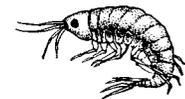
Black Fly Larva



Non-Red Midge Larva



Snails: Orb or Gilled (right side opening)



Amphipod or Scud

Number of group 3 animals circled:

Group 4: These are tolerant of pollutants. Circle each animal found.



Pouch Snail (left side opening)



Isopod or Aquatic Sowbug



Bloodworm Midge Larva (red)



Leech



Tubiflex Worm

Number of group 4 animals circled:

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Water Action Volunteers

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Unit 2, Station 3, Activity 3—Critter Cube Count

Macroinvertebrate Tally Sheet Recording Form *

Name: _____ Date: _____

Stream Name: _____ Time: _____
(make up a name)

Number of animal types from Group 1: Sensitive _____ x 4 = _____

Number of animal types from Group 2: Semi-sensitive _____ x 3 = _____

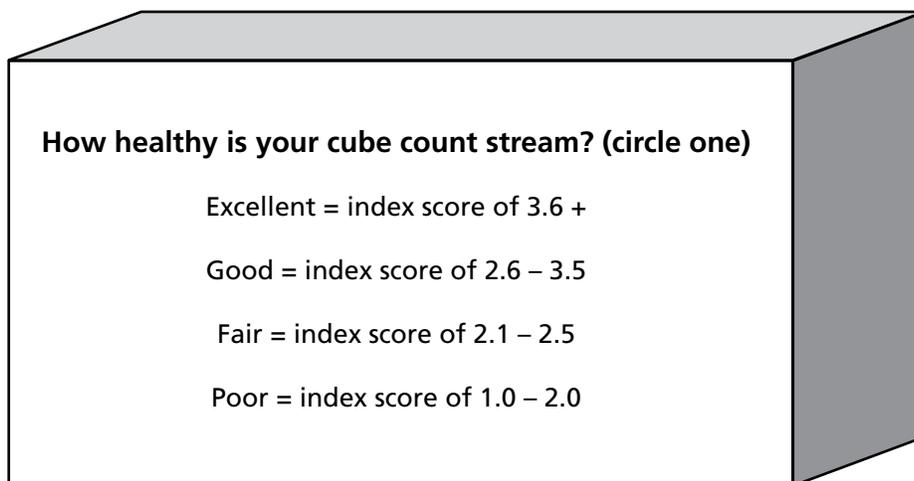
Number of animal types from Group 3: Semi-tolerant _____ x 2 = _____

Number of animal types from Group 4: Tolerant _____ x 1 = _____

TOTAL NUMBER OF ANIMAL TYPES (A) _____ TOTAL VALUE (B) _____

Index score (C) = The total value (B) divided by the total number of animal type (A)
(C = B / A)

My stream had an index score of: _____



* Adapted from *Water Action Volunteers*, Univ. of Wisconsin-Extension and Wisconsin Dept. of Natural Resources, 2008.