

WORLD OF THE POND DATA SHEET

Name: _____

Date: _____

Air temperature: _____ Water temperature: _____

Weather: _____
(Examples: cloudy, clear, rainy, windy, humid, snowy)

Sample Site:

Aquatic Macroinvertebrate Species	Pollution sensitivity	Check if observed	Record pollution sensitivity # here	Aquatic Macroinvertebrate Species	Pollution sensitivity	Check if observed	Record pollution sensitivity # here
Stonefly nymph	9			Crawling water beetle	5		
Mayfly nymph	8			Water strider	5		
Caddisfly larva	7			Giant water bug	4		
Water scorpion	7			Water boatman	4		
Water mite	7			Crayfish	4		
Dragonfly nymph	6			Mosquito larva	3		
Damselfly nymph	6			Flatworm (planaria)	3		
Freshwater snail	5			Water spider	2		
Backswimmer	5			Aquatic worm	1		
Freshwater clam	5			Leech	1		
Scud (side-swimmer)	5			Other:			
Water sowbug (isopod)	5			Other:			
Diving water beetle	5			Other:			
Whirligig beetle	5			Totals	-----		
Totals	-----			GRAND TOTALS (add totals columns)	-----	Species Total	Pollution Index

Species Total	How Healthy is Your Site's Environment?
0 - 4	This site is a very poor environment for aquatic macroinvertebrates
5 - 9	This site provides an environment that only a few different types of aquatic macroinvertebrates can live in
10 - 14	This site provides a moderately healthy environment for many aquatic macroinvertebrates
15 - 24+	This site provides a fairly healthy environment for many aquatic macroinvertebrates to live in

POLLUTION INDEX

0-20	Poor
21 - 30	Fair
31 - 40	Good
41 - 50	Very Good
51+	Excellent

Other Plant & Animal Species Observed	Pond	Marsh	Other Plant & Animal Species Observed	Pond	Marsh
Cattail			Great blue heron		
Water lily			Green heron		
Duckweed			Mallard duck		
Algae			Canada goose		
Purple loosestrife			Muskrat		
Common reed (<i>Phragmites</i>)			White-tailed deer		
Water snake			Dragonfly		
Leopard frog			Damselfly		
Bullfrog			Fish		
Green frog			Other:		