

# Aquatic Macroinvertebrate Record Sheet

## Basic Level

	Common Name	Scientific Order (unless otherwise indicated)	Pollution Sensitivity	Tick here if you see it	Put the sensitivity no. here	
<b>SENSITIVE</b>	Mayfly nymph	Ephemeroptera	10			
	Caddis fly larva	Trichoptera	10			
	Stonefly nymph	Plecoptera	9			
	Riffle beetle adult	Coleoptera	8			
	Riffle beetle larva	Coleoptera	8			
	Crane fly larva	Diptera	6			
<b>TOLERANT</b>	Water mite	Acariformes	6			
	Water flea	Cladocera (suborder)	5			
	Whirligig beetle adult	Coleoptera	5			
	Whirligig beetle larva	Coleoptera	5			
	Black fly larva	Diptera	5			
	Water measurer	Hemiptera	4			
	Damselfly larva	Odonata	4			
	Dragonfly larva	Odonata	4			
	Freshwater yabby	Decapoda	4			
	Scud	Amphipoda	4			
	Freshwater shrimps & prawns	Decapoda	4			
	Biting midge larva	Diptera	4			
	Copepod	Copepod (subclass)	4			
	Water strider	Hemiptera	4			
	Seed Shrimp	Ostracoda	4			
	Soldier fly larva	Diptera	4			
	<b>VERY TOLERANT</b>	Water scorpion	Hemiptera	3		
		Freshwater slater (isopod)	Isopoda	3		
Freshwater mussel		Bivalvia (class)	3			
Scavenger water beetle adult		Coleoptera	3			
Scavenger water beetle larva		Coleoptera	3			
Mosquito larva/pupae		Diptera	3			
Flatworm		Turbellaria (class)	3			
Non-biting midge larva		Diptera	3			
Freshwater crab		Decapoda	2			
Freshwater snail		Gastropoda (class)	2			
Back Swimmer		Coleoptera	2			
Hydra		Hydrozoa	2			
Leech		Hirudinea (class)	2			
Predacious diving beetle adult		Coleoptera	2			
Predacious diving beetle larva		Coleoptera	2			
Roundworm		Nematoda (phylum)	2			
Water boatman		Hemiptera	1			
Segmented Worm		Oligochaeta (class)	1			

<b>How healthy is your site's environment?</b>	This site is a very poor environment for aquatic macroinvertebrates.
<b>Taxa Richness</b>	This site provides an environment that only a few different types of aquatic macroinvertebrates can live in.
<b>0-5</b>	This site provides a moderately healthy environment for many aquatic macroinvertebrates.
<b>6-10</b>	This site provides a fairly healthy environment for many aquatic macroinvertebrates to live in.
<b>11-15</b>	
<b>15-23</b>	

POLLUTION INDEX	
0-40	Poor
41-51	Fair
52-69	Good
70-106	Very Good
106+	Excellent

Add up the different number of water bugs you find and put that number here.  
This is the **TAXA RICHNESS**

The total of the above numbers is the  
**POLLUTION INDEX**