

Aquatic Macroinvertebrate Record Sheet

Advanced Level

	Common Name	Scientific Order (unless otherwise indicated)	Pollution Sensitivity	Tick here if you see it	Put the sensitivity no. here	
SENSITIVE	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			
TOLERANT	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			
	VERY TOLERANT	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			
Hydra		Hydrozoa	2			
Back Swimmer		Coleoptera	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			

How healthy is your site?

Rating Categories Sensitivity Score (S)

S > 4.5 3.5 < S < 4.5 S < 3.5

Good	Moderate	Moderate
Moderate	Moderate	Poor
Moderate	Poor	Poor

Taxa	x > 9
Richness	3 ≤ x ≤ 9
	x < 3

Good: many taxa (high diversity), sensitive taxa present

Moderate: medium numbers of taxa (moderate diversity)
some sensitive taxa present.

Poor: few taxa (low diversity), sensitive taxa present, tolerant taxa predominant.

Add up the different number of taxa groups you find and put the total number here.
This is the sites **Taxa Richness (x)**

This total divided by the number of taxa groups is the sites **Sensitivity Score (S)**