

What waterbugs can you find?



Name: _____ Date: _____

Waterbody: _____

The waterbugs (aquatic macroinvertebrates) found can indicate the health of a waterbody. Sample your site and tick the circle if you find the waterbug. Waterbugs have different sensitivities to pollution and changes, and therefore different SIGNAL* scores.

Very Sensitive **8-10** Sensitive **5-7** Tolerant **3-4** Very tolerant **1-2**

*SIGNAL - Stream Invertebrate Grade Number - Average Level

How healthy is your waterbody? = $\frac{\text{Total of waterbug SIGNAL values}}{\text{Number of different waterbugs}}$ = =

Waterway Health Score: > 6 Excellent 5 to 6 Very good 4 to 5 Poor < 4 Very poor

The size of waterbugs are not to scale.

IN AMONGST PLANTS

IN AMONGST WOODY HABITAT

IN OPEN WATER

IN AMONGST COBBLES/ROCKS

<p>ON THE SURFACE</p> <p>Fishing spiders 5</p> <p>Whirligig beetles 4</p> <p>Water striders 4</p> <p>Water treaders 1</p>	<p>Poggs 4</p> <p>Slender water scorpions/needlebugs/stick bugs 2</p> <p>Water beetles 2</p> <p>Waterboatmen 2</p> <p>Freshwater mussels and clams 3</p> <p>Worms 2</p>	<p>Marsh beetle larvae 6</p> <p>Leafy water scorpions 4</p> <p>Mosquito larvae, wrigglers 1</p> <p>Water mites 5</p> <p>Backswimmers 1</p> <p>Free-living caddis larvae 8</p> <p>Water pennies 6</p> <p>Freshwater crayfish or yabbies 1</p>	<p>Water beetles 2</p> <p>Whirligig beetle larvae 4</p> <p>Scavenger beetle larvae 2</p> <p>Water tigers 2</p> <p>Damselfly larvae 3</p> <p>Dragonfly larvae 3</p> <p>Leeches 1</p> <p>Fly larvae 3</p> <p>Stonefly nymphs 10</p>	<p>Slender water scorpions/needlebugs/stick bugs 2</p> <p>Marsh beetle larvae 6</p> <p>Leafy water scorpions 4</p> <p>Mosquito larvae, wrigglers 1</p> <p>Water mites 5</p> <p>Backswimmers 1</p> <p>Free-living caddis larvae 8</p> <p>Water pennies 6</p> <p>Freshwater crayfish or yabbies 1</p> <p>Toebiters 10</p>	<p>Water beetles 2</p> <p>Waterboatmen 2</p> <p>Freshwater mussels and clams 3</p> <p>Worms 2</p> <p>Mayfly nymphs 9</p> <p>Chironomids, blood worms 4</p> <p>Sideswimmers or scuds 3</p> <p>Freshwater snails 1</p> <p>Flatworms 2</p> <p>Gordian worms 6</p> <p>Cased caddis larvae 8</p> <p>Black fly larvae 5</p>
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