

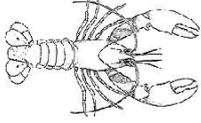
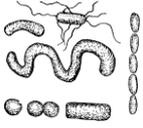


# Who lives under the water?

You can see lots of things living above the water but who lives under it?



The Urrbrae Wetland is a body of fresh water that is home to lots of different animals. Circle the ones you think might live under the water

|  |   |   |   |
|--|---|---|---|
| <br><i>Shark</i>    | <br><i>Yabby</i> | <br><i>Snake</i>  | <br><i>Fish</i>          |
| <br><i>Bacteria</i> | <br><i>Duck</i>  | <br><i>Turtle</i> | <br><i>Water Boatman</i> |



One group of animals who live under the water don't have a backbone like you do. Talk about which ones you think might belong to this group.

We sometimes call this group the water bugs but their proper name is the **aquatic macroinvertebrates**.



Aquatic macroinvertebrates;

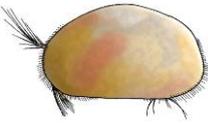
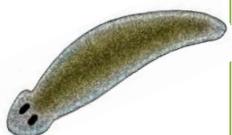
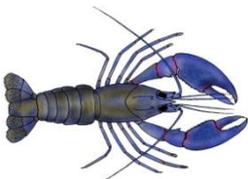
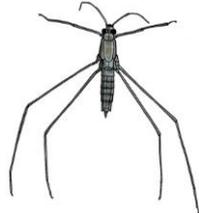
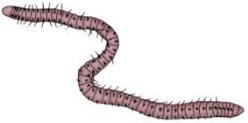
- can be small like a boatman or big like a yabby,
- need to stay wet,
- are a good food source for lots of different animals,
- eat dead stuff off the bottom of the wetland, aquatic plants and even each other.

If you were like this where would you choose to live at the Urrbrae Wetland and who would you have to live with? Draw a picture to show your answer.





The Urrbrae Wetland has lots of different aquatic macroinvertebrates; see how many you can find and then tick them off in the table below.

|   |  |  |  |  |
|---|--|--|--|--|
| <br>Seed Shrimp<br>1       | <br>Water Flea<br>2       | <br>Copepod<br>3          | <br>Non-biting Midge Larvae<br>3 | <br>Flatworm<br>2           |
| <br>Back Swimmer<br>1      | <br>Water Boatman<br>2    | <br>Fishing Spider<br>2   | <br>Hydra<br>2                  | <br>Roundworm<br>3          |
| <br>Caddisfly Larvae<br>8 | <br>Damselfly Nymph<br>3 | <br>Stonefly Nymph<br>10 | <br>Dragonfly Nymph<br>3        | <br>Needle Bug<br>3        |
| <br>Mosquito Larvae<br>1 | <br>Yabby<br>4          | <br>Water Strider<br>4  | <br>Segmented Worm<br>2        | <br>Whirligig Beetle<br>4 |

Images courtesy of NRM Education. More resources and activities can be found on the website <http://www.nrmeducation.net.au/>

Each macro invertebrate has been given a score out of 10 to tell you what sort of water it likes.

Circle your answers about the macroinvertebrates you found.



What was the highest score you found?

1 2 3 4 5 6 7 8 9 10



What was the lowest score you found?

1 2 3 4 5 6 7 8 9 10



How clean do you think the Urrbrae wetland water is?

very clean      not too bad      dirty      very dirty



As a group discuss your answers to the last question and your reasons for these answers.

A high score means the

