



Results

Additional copies of the results forms can be downloaded from the OPAL website.



✓ Please tick the appropriate boxes

1. Date of survey _____

2. Time of survey _____

3. How did you participate in the survey today? school volunteer group family or friends

4. Had you been pond dipping before you did the OPAL survey? yes no

5. How would you describe the weather today? sunny cloudy but no rain raining



Describe the pond

You can upload pictures of the pond when you send us your results on-line.

6. What is the name of the pond? _____

7. Record the location of the pond (postcode / OS map reference / GPS reading)

8. Which of these describe the area immediately around the lake or pond? Tick any which apply.

urban garden park school farmland grassland wood or forest heath or moorland

9. What does the edge of the pond mainly look like?

concrete/paving stone mown grass long grass / tall plants trees bare ground

10. Can you see any of the following signs of pollution?



a Industrial chimneys



b Rubbish in the pond



c Discharge pipes



d Foam on the water surface



e Road less than 20 metres away



f Algal bloom



Activity 1: How clear is the water?

11. How many OPAL logos could you see when you looked into the bottle?

0 1 2 3 4 5 6 7 8 9 10 11 12

12. If the water appeared coloured, what colour was it? brown green other

If you answered 'other' describe the colour _____

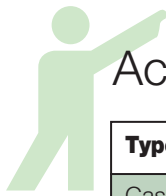


Activity 2: Is the water acid or alkaline?

13. When you used the dip strip, what was the pH of the water?

4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0





Activity 3: How healthy is the pond?

Type of pond animal	✓	Quality index	Score
Cased caddisfly larvae		Score 10 if you found cased caddisfly larvae	
Dragonfly larvae		Score 10 if you found dragonfly larvae	
Alderfly larvae		Score 10 if you found alderfly larvae	
Damselfly larvae		Score 10 if you found damselfly larvae	
Caseless caddisfly larvae		Score 10 if you found caseless caddisfly larvae	
Mayfly larvae		Score 5 if you found mayfly larvae	
Water beetles and/or larvae		Score 5 if you found water beetles	
Water bugs		Score 5 if you found water bugs	
Pond skaters		Score 5 if you found pond skaters	
Water shrimps		Score 5 if you found water shrimps	
Water snails		Score 1 if you found water snails	
Water slaters		Score 1 if you found water slaters	
Worm-like animals		Score 1 if you found worm-like animals	
Total score =			

What your results mean

31 or more
This lake or pond is very healthy

Score 6-30
This lake or pond is quite healthy

Score 0-5
This lake or pond could be improved

Example: Suppose you found some dragonfly larvae, alderfly larvae, adult beetles and water snails.

Dragonfly larvae	✓		10
Alderfly larvae	✓		10
Water beetles	✓		5
Water snails	✓		1
Total score =			26

The pond score is **26** and the pond is therefore quite healthy



Activity 4: What else lives at the pond?

Use the tables below to tell us about any other animals or plants you saw while doing the water survey. Use the other charts included in the pack to help you identify them.

Dragonflies / damselflies	
	✓
Brown Hawker	
Emperor Dragonfly	
Common Darter	
Broad-bodied Chaser	
Common Blue Damselfly	
Large Red Damselfly	

Duckweeds	
	✓
Rootless Duckweed	
Greater Duckweed	
Fat Duckweed	
Least Duckweed	
Common Duckweed	
Ivy-leaved Duckweed	

Amphibians	
	✓
Common Frog	
Common Toad	
Marsh Frog	
Smooth Newt	
Palmate Newt	
Great Crested Newt*	
Tadpoles (any species)	
Spawn/eggs (any species)	

Other animals	
	✓
Water flea	
Water mite	
Water spider	

*Great Crested Newt is a protected species. If accidentally you catch one, return it straight away to the place you found it.

Complete your survey

Enter your results on the OPAL website www.OPALexploreNature.org

Or post your completed workbook to: Freepost RSCH-CKYJ-HYYC, OPAL, Centre for Environmental Policy, Imperial College London, London SW7 2AZ.

