

Your name

Date and time

Lake survey location

Survey location (GPS or 10 digit NGR)

Source of lake name (tick one)

Map data

Lake name

Local knowledge

Personally assigned

Physical naturalness

Naturalness class (circle one)

1 2 3 4 5

Confidence class (circle one)

High Medium Low

Sub-categories assessed (naturalness class score)

Shoreline condition

Lake morphology (if of artificial origin)

Riparian land

Hydrological naturalness

Naturalness class (circle one)

1 2 3 4 5

Confidence class (circle one)

High Medium Low

Sub-categories assessed (naturalness class score)

Structures

Inflows and outflows

Water level fluctuations

Chemical naturalness

Naturalness class (circle one)

1 2 3 4 5

Confidence class (circle one)

High Medium Low

Form(s) of assessment (tick all that apply)

Water clarity

Water chemistry test

Algae

Biological sampling

Plant distribution

Biological naturalness

Naturalness class (circle one)

1 2 3 4 5

Confidence class (circle one)

High Medium Low

Sub-categories assessed (naturalness class score)

Non-native plants

Non-native animals

Representativeness

Is the site representative of the whole lake? (tick one)

Yes

No

Uncertain

Notes

Plant functional groups (tick all that apply)

- | | |
|---|--|
| <input type="checkbox"/> Rosette forming short stiff leaves | <input type="checkbox"/> Submerged fine/dissected leaves |
| <input type="checkbox"/> Free floating | <input type="checkbox"/> Emergent broad leaves |
| <input type="checkbox"/> Floating leaves but rooted | <input type="checkbox"/> Emergent narrow leaves |
| <input type="checkbox"/> Submerged linear leaves | <input type="checkbox"/> Filamentous algae |
| <input type="checkbox"/> Submerged broad leaves | |

Species of interest

Mammals (tick all that apply)

- Otter (*Lutra lutra*)
- Water vole (*Arvicola terrestris*)

Herpetofauna (tick all that apply)

- Common frog (*Rana temporaria*)
- Grass snake (*Matrixatrix*)

Birds (tick all that apply)

- Great crested grebe (*Podiceps cristatus*)
- Pochard (*Athya ferina*)
- Gadwall (*Anas strepera*)

Invertebrates (tick all that apply)

- White-clawed crayfish (*Austro. pallipes*)

Plants (tick all that apply)

- Common reed (*Phragmites australis*)
- Peat moss (*Sphagnum* sp.)

Fish (tick all that apply)

- Bullhead (*Cottus gobio*)
- Pike (*Esox lucius*)
- Brown trout (*Salmo trutta*)
- Perch (*Perca fluviatilis*)

Habitat features

Shoreline modification (tick one)

- None (natural)
- A few small structures
- <33% of the bank modified
- 33-66% modified
- >66% modified

Riparian zone (up to 10m from bank; tick one)

- All semi-natural land use
- Nearly all semi-natural land use
(patches of other use)
- >66% semi-natural land use
- 33-66% semi-natural land use
- <33% semi-natural land use

Perimeter trees (tick one)

- None
- Isolated scattered
- Occasional clumps

Shoreline with fringing marginal emergent vegetation (tick one)

- No emergent fringe
- Occasional clumps of emergent vegetation
- Large but isolated beds of emergent vegetation
up to 33% of the perimeter
- Extensive beds of emergent vegetation
33-66% of the perimeter
- Continuous emergent vegetation covering
>66% of the perimeter

Number of ditches flowing into the lake

Outflow structure (tick one)

- Absent
- Present

- Semi continuous
- Continuous