

# River/Stream Naturalness Assessment

Your name

Date and time

## Survey location

Downstream end of section (GPS/10 digit NGR)

Source of stream/river name (tick one)

Map data

Local knowledge

Personally assigned

Stream/river name

Is the site representative of the watercourse as defined by the on-line map layer? (tick one)

Yes

No

Uncertain

(This will have to be judged during on-line data entry)

## Physical naturalness

Naturalness class (circle one)

(High)

1

2

3

4

5

(Low)

Confidence class (circle one)

High

Medium

Low

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

Simple visual inspection

Modular River Survey (MoRPh)

River Habitat Survey (RHS)

Other (Use Notes field)

## Hydrological naturalness

Naturalness class (circle one)

(High)

1

2

3

4

5

(Low)

Confidence class (circle one)

High

Medium

Low

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

Simple visual inspection

Water Framework Directive data

EA abstraction information

Other (Use Notes field)

## Chemical naturalness

### Naturalness class (circle one)

(High)

1

2

3

4

5

(Low)

### Confidence class (circle one)

High

Medium

Low

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

Simple visual inspection

Water Framework Directive data

Test kit

Other (Use Notes field)

Bankside biological sampling

## Biological naturalness

### Naturalness class (circle one)

(High)

1

2

3

4

5

(Low)

### Confidence class (circle one)

High

Medium

Low

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

Simple visual inspection

Other recording initiative (please specify)

National Biodiversity Network data

Other (Use Notes field)

## Notes

(Description of site in relation to naturalness components, indicating features of interest and impacts of concern. Include any detail of 'Other' forms of assessment used)

## Intermittent flow

Does the site have a section containing no water (i.e. a section with intermittent flow)?

Yes  No

Is the lack of water natural?

Yes  No  Uncertain

## Habitat features (tick all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> Bankside/riparian flushes or springs        | <input type="checkbox"/> Sinuous or multiple channel |
| <input type="checkbox"/> Riparian trees interacting with the channel | <input type="checkbox"/> Riparian wetland            |
| <input type="checkbox"/> Woody material in-channel                   | <input type="checkbox"/> Exposed cobble/gravel/sand  |
| <input type="checkbox"/> Waterfall or cascade                        | <input type="checkbox"/> Moss-covered boulders       |
| <input type="checkbox"/> Natural mire-stream transition              | <input type="checkbox"/> Fern-filled ghyll/ravine    |

## Species of interest (tick all that apply)

### Mammals

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

### Birds

- Dipper (*Cinclus cinclus*)  
 Kingfisher (*Alcedo atthis*)  
 Grey wagtail (*Motacilla cinerea*)

### Fish

- Bullhead (*Cottus gobio*)  
 Brook lamprey (*Lampetra planerii*)  
 Brown trout (*Salmo trutta*)  
 Atlantic salmon (*Salmo salar*)

### Herpetofauna

- Common frog (*Rana temporaria*)  
 Grass snake (*Natrix natrix*)

### Invertebrates

- Plectrocnemia* sp (Caseless caddis-flies)  
 *Wormaldia* sp (Caseless caddis-flies)  
 *Lype* sp (Caseless caddis-flies)  
 White-clawed crayfish (*Austropotamobius pallipes*)

### Flowering plants

- Water crowfoots (*Ranunculus* sp)  
 Golden saxifrage (*Chrysosplenium* sp)

### Ferns

- Lady fern (*Athyrium Filix-femina*)  
 Oak fern (*Gymnocarpium dryopteris*)

### Bryophytes

- Fontinalis* sp (Mosses)  
 *Fissidens* sp (Mosses)  
 *Pellia* sp (Thallose liverworts)  
 *Sphagnum* sp