



Norwich Western Link

Environmental Statement

Chapter 10: Biodiversity

Appendix 10.12: Aquatic Ecology

Survey Report 2022

Sub Appendix B: Macrophyte

Taxon List

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Document Reference: 3.10.12b

Version Number: 00

Date: March 2024



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1 Appendix B – Macrophyte Taxon List

1.1.1 Macrophyte datasets, including species names, Ellenberg Light Indicator Values and percentage cover from the surveys of the River Wensum, Foxburrow Stream and ditch network are shown in Table 1-1.

Table 1-1 – Full macrophyte data (% cover) from the surveys of the River Wensum (RW), Foxburrow Stream (FS), and ditch network

Not Applicable	Not Applicable	RW	RW	FS	FS	Ditch A	Ditch A	Ditch B	Ditch B	Ditch C	Ditch C
Species	Ellenberg Light Indicator Value	Channel	Bank	Channel	Bank	Channel	Bank	Channel	Bank	Channel	Bank
<i>Angelica sylvestris</i>	7	0	0	0	0	0	0	0.1	0	0	0
<i>Apium nodiflorum</i>	7	5	0	50	0	2	1	25	0	5	0
<i>Callitriche sp.</i>	No data	2	0	0	0	0	0	0.1	0	5	0
<i>Carex sp.</i>	No data	0	0	0	0	0	0	0	0	0	0
<i>Epilobium hirsutum</i>	7	0	0	0	0.1	0	1	0	0	0	0
<i>Epilobium parviflorum</i>	7	0	0	0	0	0	0	0	0	0	0.1
<i>Equisetum palustre</i>	7	0	0	0	0	0	0	2	2	0	0
Filamentous green algae	No data	0	0	0	0	0	0	0	0	40	0
<i>Fontinalis antipyretica</i>	No data	1	0	0	0	0	0	0	0	0	0
<i>Glyceria maxima</i>	7	10	30	0	0	0	0	90	0	30	80
<i>Hydrocharis morsus-ranae</i>	7	0	0	0	0	3	0	0	0	0	0
<i>Jacobaea aquatica</i>	No data	0	1	0	0	0	0	0	0	0	0.1
<i>Juncus effusus</i>	7	0	0	0	3	0	0	0	2	0	0
<i>Juncus inflexus</i>	7	0	0	0	0	0	0	0	2	0	0
<i>Lemna minor</i>	7	2	0	0.5	0	0	0	40	0	0	0
<i>Mentha aquatica</i>	7	0	1	0	1	0	0	5	10	0	8
<i>Myosotis scorpiodes</i>	7	1	2	0	0	0	0	5	0	3	5
<i>Myriophyllum spicatum</i>	7	1	0	0	0	0	0	0	0	0	0

Not Applicable	Not Applicable	RW	RW	FS	FS	Ditch A	Ditch A	Ditch B	Ditch B	Ditch C	Ditch C
<i>Oenanthe sp.</i>	No data	0	0	0	0	0	0	1	0	0	0
<i>Persicaria amphibia</i>	7	1	0	0	0	0	0	0	0	0	0.1
<i>Phalaris arundinacea</i>	7	0	0	0	0	0	0	0	15	0	10
<i>Phragmites australis</i>	7	15	10	0	0	0	0	0	0	0	0
<i>Potamogeton crispus</i>	7	10	0	0	0	0	0	0	0	0	0
<i>Potamogeton perfoliatus</i>	7	60	0	0	0	0	0	0	0	0	0
<i>Potentilla anserina</i>	8	0	0	0	0	0	0	25	0	0	0
<i>Ranunculus penicillatus subsp. pseudofluitans</i>	7	15	0	0	0	0	0	0	0	0	0
<i>Ranunculus repens</i>	6	0	1	0	0	0	3	0	0	0	0
<i>Rorippa nasturtium-aquaticum</i>	7	0	0	0.1	0	0	0	0	0	1	0
<i>Rumex sp.</i>		0	0	0	0	0	0	0.1	0	0	0
<i>Sagittaria sagittifolia</i>	7	25	0	0	0	0	0	0	0	0	0
<i>Salix sp.</i>	No data	0	1	0	0	0	0	0	0	0	1
<i>Scutellaria galericulata</i>	7	0	0	0	0	0	0	0	1	0	0
<i>Solanum dulcamara</i>	7	0	0.1	0	0.5	0	0.1	0	0	0	0
<i>Sparganium emersum</i>	7	30	0	0	0	0	0	0	0	0	0
<i>Sparganium erectum</i>	7	0	20	0	0	0	0	0	0	0	0
<i>Stachys palustris</i>	7	1	0	0	0	0	0	0	0	0	0
<i>Stellaria aquatica</i>	No data	0	0	0	0	0	0	0	0	0	0.1

Not Applicable	Not Applicable	RW	RW	FS	FS	Ditch A	Ditch A	Ditch B	Ditch B	Ditch C	Ditch C
<i>Typha latifolia</i>	8	0	0	0	0	0	0	5	0	0	0
<i>Urtica dioica</i>	6	0	0	0	0	0	0	0	0	0	0
<i>Veronica anagalis-aquatica</i>	7	1	0	0	0	0	0	0	0	1	0.1
<i>Veronica beccabunga</i>	7	1	0	2	0	0	0	0	0	0	0