

Goulder, R. (2017). Freshwater plants and SSSI canals in the East Midlands and North of England 3: Leven Canal and Pocklington Canal. *The Naturalist* 142: 104-116.

Appendix 1.1. Aquatic plants (JNCC checklist species) in the Leven Canal SSSI, September 2015

	Canal length				
	1	2	3	4	5
Submerged and floating-leaved plants					
<i>Ceratophyllum demersum</i>	d/a	o/r	0	0	0
<i>Chara/Nitella</i>	0	o/r	0	0	0
<i>Eloдея canadensis</i>	o/r	o/r	0	o/r	0
<i>Hippuris vulgaris</i>	o/r	d/a	d/a	f	o/r
<i>Hottonia palustris</i>	0	o/r	0	0	0
<i>Lemna minor*</i>	o/r	o/r	0	0	o/r
<i>Lemna trisulca</i>	o/r	o/r	0	0	0
<i>Myriophyllum verticillatum</i>	o/r	0	0	0	0
<i>Nuphar lutea</i>	d/a	d/a	d/a	d/a	d/a
<i>Nymphaea alba</i>	o/r	o/r	o/r	d/a	f
<i>Potamogeton lucens</i>	0	o/r	d/a	0	0
<i>Potamogeton pectinatus</i>	0	o/r	0	0	0
<i>Ranunculus circinatus</i>	o/r	0	0	0	0
<i>Riccia fluitans</i>	o/r	f	0	0	0
<i>Sagittaria sagittifolia</i>	0	f	0	d/a	d/a
<i>Sparganium emersum</i>	0	0	0	o/r	0
<i>Utricularia vulgaris</i>	f	f	d/a	d/a	d/a
Emergent plants					
<i>Agrostis stolonifera</i>	o/r	o/r	o/r	0	0
<i>Berula erecta</i>	0	0	o/r	0	0
<i>Butomus umbellatus</i>	0	o/r	0	0	0
<i>Carex elata</i>	f	o/r	o/r	f	f
<i>Carex riparia</i>	o/r	o/r	f	f	d/a
<i>Carex rostrata</i>	0	0	o/r	0	0
<i>Equisetum fluviatile</i>	o/r	0	o/r	0	0
<i>Glyceria maxima</i>	o/r	f	0	o/r	f
<i>Iris pseudacorus</i>	f	f	d/a	f	d/a
<i>Juncus effusus</i>	o/r	o/r	f	0	o/r
<i>Mentha aquatica</i>	o/r	o/r	f	o/r	o/r
<i>Oenanthe fistulosa</i>	0	0	o/r	0	0
<i>Persicaria amphibia</i>	f	o/r	o/r	f	0
<i>Phalaris arundinacea</i>	f	o/r	0	0	o/r
<i>Phragmites australis</i>	f	d/a	d/a	d/a	d/a
<i>Rumex hydrolapathum</i>	0	0	0	0	o/r
<i>Schoenoplectus lacustris</i>	d/a	d/a	d/a	d/a	d/a
<i>Sium latifolium</i>	0	o/r	0	0	0
<i>Solanum dulcamara</i>	0	0	o/r	0	o/r
<i>Sparganium erectum</i>	d/a	d/a	d/a	d/a	d/a
<i>Typha latifolia</i>	0	o/r	0	0	0

**Lemna minuta* may also have been present.

d/a=dominant or abundant (infilled); f=frequent; o/r=occasional or rare; 0=not recorded.

Key to lengths

1. Southfield Farm to Sandholme Bridge (c. 0.4 km).
2. From Sandholme Bridge for 1.0 km westwards.
3. From 1.0 km west of Sandholme Bridge to Far Fox Aqueduct (c. 1.0 km).
4. Far Fox Aqueduct to Waterloo Bridge (c. 1.0 km).
5. Waterloo Bridge to River Hull Lock (c. 1.4 km).

Names of locations are from OS 1:25000 *Explorer* map sheet 295.

Goulder, R. (2017). Freshwater plants and SSSI canals in the East Midlands and North of England 3: Leven Canal and Pocklington Canal. *The Naturalist* 142: 104-116.

Appendix 1.2. Aquatic plants (JNCC checklist species) in 0.5 km lengths of the Pocklington Canal SSSI, July 2013 and June 2015

	Canal length						
	1	2	3	4	5	6	7
Submerged and floating-leaved plants							
<i>Chara/Nitella</i>	0	0	f	o/r	0	0	(0)
<i>Elodea canadensis</i>	f(f)	0	d/a	d/a	o/r	o/r(f)	(f)
<i>Elodea nuttallii</i>	0	d/a(d/a)	o/r	f	0	0	(0)
<i>Lemna minor</i>	f(o/r)	f(f)	f	f	f	d/a(d/a)	(d/a)
<i>Lemna trisulca</i>	0	o/r(o/r)	o/r	f	d/a	d/a(f)	(f)
<i>Nuphar lutea</i>	0	0	f	o/r	d/a	f(f)	(f)
<i>Potamogeton crispus</i>	d/a(f)	0	0	f	0	0	(0)
<i>Potamogeton lucens</i>	0	0	0	0	0	0	(f)
<i>Potamogeton natans</i>	0	0	0	0	o/r	0	(f)
<i>Potamogeton pectinatus</i>	f(o/r)	0	0	0	0	0	(0)
<i>Ranunculus circinatus</i>	f(o/r)	f(d/a)	0	0	0	0	(0)
<i>Sparganium emersum</i>	0	0	o/r	f	f	o/r(0)	(0)
Emergent plants							
<i>Agrostis stolonifera</i>	o/r(o/r)	o/r(o/r)	o/r	0	0	o/r(0)	(0)
<i>Alisma plantago-aquatica</i>	0	0	0	0	0	0(o/r)	(0)
<i>Berula erecta</i>	0	0	0	o/r	f	f(o/r)	(f)
<i>Butomus umbellatus</i>	0	0	0	0	f	o/r(d/a)	(d/a)
<i>Carex acutiformis</i>	0	0(o/r)	f	f	o/r	0	(0)
<i>Carex riparia</i>	0	0	o/r	o/r	0	o/r(0)	(0)
<i>Glyceria maxima</i>	d/a(d/a)	d/a(d/a)	d/a	d/a	f	d/a(d/a)	(d/a)
<i>Iris pseudacorus</i>	o/r(o/r)	0	o/r	o/r	f	o/r(o/r)	(f)
<i>Nasturtium officinale sensu stricta</i>	0	0	0	0	0	0(o/r)	(o/r)
<i>Persicaria amphibia</i>	0	0	0	0	f	o/r(0)	(o/r)
<i>Phalaris arundinacea</i>	0	0	o/r	f	0	f(0)	(o/r)
<i>Phragmites australis</i>	0	0	d/a	d/a	d/a	d/a(d/a)	(d/a)
<i>Ranunculus sceleratus</i>	0(o/r)	0	0	0	0	0	(0)
<i>Solanum dulcamara</i>	0	o/r(f)	0	0	0	o/r(o/r)	(f)
<i>Sparganium erectum</i>	0	0	f	f	o/r	o/r(o/r)	(o/r)
<i>Typha latifolia</i>	o/r(o/r)	0	0	f	f	f(f)	(f)
<i>Veronica beccabunga</i>	o/r(o/r)	0	0	0	0	0	(0)

Results in brackets are for June 2015.

d/a=dominant or abundant (>5% whole-channel cover) (infilled), f=frequent (0.1-5% cover), o/r=occasional or rare (<0.1% cover), (0) indicates not recorded.

Recorded in the Bielby Arm and adjacent main line of the canal in June 2015 but not otherwise in the SSSI were *Apium nodiflorum* and *Equisetum palustre*.

Key to lengths

1. 0-0.5 km downstream (roughly west) of Canal Head at Pocklington (SE 800473).
2. 0.5-1 km downstream of Canal Head.
3. 0-0.5 km upstream of Coat's Bridge (SE 785452).
4. 0-0.5 km downstream of Coat's Bridge.
5. 0-0.5 km upstream of Walbut Bridge (SE 771442).
6. 0-0.5 km downstream of Walbut Bridge.
7. 0.5-1 km downstream of Walbut Bridge.

Names of locations are from Anon. (2008) *The Pocklington Canal: a Guide to the Canal*. Pocklington Canal Amenity Society, York.