

**APPENDIX 1. Emergent aquatic plants and their abundance in 500m lengths of the Pocklington Canal, July 2013**

	Lengths along the non-navigable canal						Lengths along the navigable canal					
	1	2	3	4	5	6	7	8	9	10	11	12
<i>Agrostis stolonifera</i> Creeping Bent	1	1	1	-	-	1	1	1	1	1	2	2
<i>Alisma plantago-aquatica</i> Water-plantain	-	-	-	-	-	-	-	-	1	-	1	1
<i>Apium nodiflorum</i> Fool's-water-cress	-	-	-	-	-	-	1	1	-	1	-	1
<i>Berula erecta</i> Lesser Water-parsnip	-	-	-	1	2	2	1	2	2	1	2	1
<i>Butomus umbellatus</i> Flowering-rush	-	-	-	-	2	1	1	1	1	1	1	2
<i>Caltha palustris</i> Marsh-marigold	-	-	-	-	-	-	-	-	-	-	1	-
<i>Carex acutiformis</i> Lesser Pond-sedge	-	-	2	2	1	-	1	2	-	-	-	-
<i>Carex riparia</i> Greater Pond-sedge	-	-	1	1	-	1	1	-	-	-	-	-
<i>Eleocharis palustris</i> Common Spike-rush	-	-	-	-	-	-	-	-	-	-	-	1
<i>Equisetum palustre</i> Water Horsetail	-	-	-	-	-	-	-	-	-	-	-	1
<i>Galium palustre</i> Common Marsh-bedstraw	-	-	-	-	-	-	-	-	-	1	1	-
<i>Glyceria maxima</i> Reed Sweet-grass	3	3	3	3	2	3	3	3	3	3	3	3
<i>Iris pseudacorus</i> Yellow Iris	1	-	1	1	2	1	1	1	-	-	-	1
<i>Juncus articulatus</i> Jointed Rush	-	-	-	-	1	-	-	-	-	-	-	-
<i>Juncus bufonius</i> Toad Rush	-	-	-	-	-	-	-	1	-	-	-	1
<i>Juncus effusus</i> Soft-rush	-	-	-	-	-	-	-	-	-	-	-	1
<i>Juncus inflexus</i> Hard Rush	-	-	-	1	-	-	-	-	-	-	-	1
<i>Mentha aquatica</i> Water Mint	-	-	-	-	-	-	-	-	-	-	1	2
<i>Myosotis laxa</i> Tufted Forget-me-not	-	-	-	-	-	-	-	1	1	1	-	1
<i>Myosotis scorpioides</i> Water Forget-me-not	-	-	-	-	-	-	-	-	-	1	2	2
<i>Nasturtium officinale</i> agg. Water-cress	-	-	-	-	-	-	1	1	1	1	1	1
<i>Persicaria amphibia</i> Amphibious Bistort	-	-	-	-	2	1	1	1	-	1	1	1
<i>Phalaris arundinacea</i> Reed Canary-grass	-	-	1	2	-	2	3	3	3	2	1	1
<i>Phragmites australis</i> Common Reed	-	-	3	3	3	3	-	-	-	2	-	-
<i>Ranunculus sceleratus</i> Celery-leaved Buttercup	-	-	-	-	-	-	-	1	1	1	1	2
<i>Sagittaria sagittifolia</i> Arrowhead	-	-	-	-	-	-	2	2	2	2	2	1
<i>Solanum dulcamara</i> Bittersweet	-	1	-	-	-	1	1	-	2	1	1	1
<i>Sparganium erectum</i> Branched Bur-reed	-	-	2	2	1	1	2	1	1	2	1	3
<i>Typha latifolia</i> Bulrush	1	-	-	2	2	2	2	2	-	1	1	-
<i>Veronica beccabunga</i> Brooklime	1	-	-	-	-	-	-	-	-	-	-	1
<i>Veronica catenata</i> Pink Water-speedwell	-	-	-	-	-	-	-	-	-	-	-	1
<i>n</i> of taxa	5	3	8	10	10	12	15	16	12	17	17	24
∑Abundance scores	7	5	14	18	18	19	22	24	19	23	23	33
Hierarchical richness index	17	8	49	79	84	96	138	160	96	169	169	331

Included are Palmer & Newbold (1983) aquatic-plant checklist spp. + all *Juncus* spp. + stoneworts.

Values are abundance scores: 1=<0.1% whole-channel cover, 2=0.1-5% cover, 3=>5% cover. (-) indicates not recorded.

**APPENDIX 2. Submerged and floating-leaved aquatic plants and their abundance in 500m lengths of the Pocklington Canal, July 2013**

	Lengths along the non-navigable canal						Lengths along the navigable canal					
	1	2	3	4	5	6	7	8	9	10	11	12
<i>Callitriche</i> sp. Water-starwort	-	-	-	-	-	-	-	-	-	-	-	1
<i>Ceratophyllum demersum</i> Rigid hornwort	-	-	-	-	-	-	-	-	-	-	1	-
<i>Chara</i> sp. Stonewort	-	-	-	-	-	-	-	-	-	1	-	-
<i>Elodea canadensis</i> Canadian Waterweed	2	-	3	3	1	1	-	1	1	2	1	1
<i>Elodea nuttallii</i> Nuttall's Waterweed	-	3	1	2	-	-	1	2	3	3	3	3
<i>Lemna minor</i> Common Duckweed	2	2	2	2	2	3	1	1	1	1	1	1
<i>Lemna trisulca</i> Ivy-leaved Duckweed	-	1	1	2	3	3	1	1	2	2	2	1
<i>Nitella</i> sp. Stonewort	-	-	2	1	-	-	-	-	-	-	-	-
<i>Nuphar lutea</i> Yellow Water-lily	-	-	2	1	3	2	3	2	3	3	3	3
<i>Potamogeton crispus</i> Curled Pondweed	3	-	-	2	-	-	-	-	-	-	-	-
<i>Potamogeton friesii</i> Flat-stalked Pondweed	-	-	-	-	-	-	1	1	1	-	-	-
<i>Potamogeton lucens</i> Shining Pondweed	-	-	-	-	-	-	-	-	3	3	3	2
<i>Potamogeton natans</i> Broad-leaved Pondweed	-	-	-	-	1	-	-	-	-	-	2	-
<i>Potamogeton pectinatus</i> Fennel Pondweed	2	-	-	-	-	-	-	-	-	-	-	1
<i>Ranunculus circinatus</i> Fan-leaved Water-crowfoot	2	2	-	-	-	-	-	-	1	1	-	1
<i>Sparganium emersum</i> Unbranched Bur-reed	-	-	1	2	2	1	2	-	3	2	2	1
<i>n</i> of taxa	5	4	7	8	6	5	6	6	9	9	9	10
∑Abundance scores	11	8	12	15	12	10	9	8	18	18	18	15
Hierarchical richness index	31	17	39	58	34	24	25	24	70	66	72	64

Included are Palmer & Newbold (1983) aquatic-plant checklist spp. + all *Juncus* spp. + stoneworts.

Values are abundance scores: 1=<0.1% whole-channel cover, 2=0.1-5% cover, 3=>5% cover. (-) indicates not recorded.