

# Honeoye Lake Watershed Management Plan

Final Report – October 2007

Table SUP-8: Weedbed Survey Macrophyte Species Composition

Common Name	Species	1984					1994					2004				
		Average Density (g/m <sup>2</sup> )	% of sites	Relative Dominance	Relative Frequency	Relative Importance	Average Density (g/m <sup>2</sup> )	% of sites	Relative Dominance	Relative Frequency	Relative Importance	Average Density (g/m <sup>2</sup> )	% of sites	Relative Dominance	Relative Frequency	Relative Importance
Coontail	<i>Ceratophyllum demersum</i>	9.0	15	9.4	7.9	8.6	10.5	57	9.8	10.0	9.9	39.2	68	29.3	14.8	22.1
Eelgrass	<i>Vallisneria americana</i>	60.8	47	63.8	24.6	44.2	16.3	58	15.2	10.1	12.7	23.7	56	17.8	12.2	15.0
Eurasian Milfoil	<i>Myriophyllum spicatum</i>	2.8	18	2.9	9.4	6.2	57.5	92	53.7	16.1	34.9	18.1	65	13.5	14.1	13.8
Water Stargrass	<i>Heteranthera dubia</i>	5.3	20	5.5	10.5	8.0	5.1	32	4.8	5.6	5.2	16.1	49	12.1	10.7	11.4
Large-leaved Pondweed	<i>Potamogeton amplifolius</i>	3.9	20	4.1	10.5	7.3	6.0	48	5.6	8.4	7.0	13.0	48	9.7	10.4	10.1
Elodea	<i>Elodea canadensis</i>	5.5	14	5.8	7.3	6.5	4.7	59	4.3	10.3	7.3	10.6	55	8.0	12.0	10.0
Flat-stem Pondweed	<i>Potamogeton zosteriformis</i>	0.1	6	0.1	3.1	1.6	1.8	57	1.7	10.0	5.8	3.6	31	2.7	6.7	4.7
Starleafed Duckweed	<i>Lemna trisulca</i>	0.3	14	0.3	7.3	3.8	0.4	37	0.4	6.5	3.4	1.9	26	1.4	5.7	3.5
Filamentous Algae	<i>Algae</i>	0.1	3	0.1	1.6	0.9	0.2	10	0.2	1.7	1.0	1.9	18	1.4	3.9	2.7
Water Marigold	<i>Bidens beckii</i>	4.0	15	4.2	7.9	6.0	1.3	10	1.2	1.7	1.5	1.4	10	1.1	2.2	1.6
Pickerel Weed	<i>Pontederia cordata</i>	2.9	1	3.0	0.5	1.8	0.6	1	0.6	0.2	0.4	1.1	1	0.8	0.2	0.5
Small Pondweed	<i>Potamogeton pusillus</i>	0.0	0	0.0	0.0	0.0	0.1	10	0.1	1.7	0.9	1.1	8	0.8	1.7	1.3
Water Buttercup	<i>Ranunculus longirostris</i>	0.0	0	0.0	0.0	0.0	0.0	4	0.0	0.7	0.4	0.8	4	0.6	0.9	0.8
Green Arrow Arum	<i>Peltandra virginica</i>	0.0	0	0.0	0.0	0.0	0.1	1	0.1	0.2	0.1	0.4	1	0.3	0.2	0.3

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Curly Leafed Pondweed	<i>Potamogeton crispus</i>	0.2	11	0.2	5.8	3.0	0.5	44	0.5	7.7	4.1	0.3	5	0.2	1.1	0.7
Giant Bur-weed	<i>Sparganium eurycarpum</i>	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.2	1	0.2	0.2	0.2
Richardson's Pondweed	<i>Potamogeton richardsonii</i>	0.1	2	0.2	1.0	0.6	0.3	5	0.3	0.9	0.6	0.1	3	0.1	0.7	0.4
Ribbonleaf Pondweed	<i>Potamogeton epihydrus</i>	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	2	0.0	0.4	0.2
Slender Naiad	<i>Najas flexilis</i>	0.0	1	0.0	0.5	0.3	0.3	12	0.3	2.1	1.2	0.0	3	0.0	0.7	0.3
Water Naiad	<i>Najas guadalupensis</i>	0.0	0	0.0	0.0	0.0	1.0	17	0.9	3.0	1.9	0.0	3	0.0	0.7	0.3
Sago Pondweed	<i>Potamogeton pectinatus</i>	0.0	1	0.0	0.5	0.3	0.0	0	0.0	0.0	0.0	0.0	2	0.0	0.4	0.2
Duck weeds	<i>Lemna + Spirodela</i>	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	1	0.0	0.2	0.1
Nitella	<i>Nitella flexilis</i>	0.0	1	0.0	0.5	0.3	0.1	10	0.1	1.7	0.9	0.0	0	0.0	0.0	0.0
Whorl-leaf Watermilfoil	<i>Myriophyllum verticillatum</i>	0.0	0	0.0	0.0	0.0	0.3	3	0.3	0.5	0.4	0.0	0	0.0	0.0	0.0
Aquatic Moss	<i>Fontinalis spp.</i>	0.3	1	0.3	0.5	0.4	0.1	2	0.1	0.3	0.2	0.0	0	0.0	0.0	0.0
Green Algae	<i>Chara vulgaris</i>	0.0	0	0.0	0.0	0.0	0.0	2	0.0	0.3	0.2	0.0	0	0.0	0.0	0.0
Great Bladderwort	<i>Utricularia vulgaris</i>	0.0	1	0.0	0.5	0.3	0.0	1	0.0	0.2	0.1	0.0	0	0.0	0.0	0.0
<b>TOTAL</b>		<b>95.2</b>	<b>191</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>107.1</b>	<b>572</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>133.7</b>	<b>460</b>	<b>100</b>	<b>100</b>	<b>100</b>