

**Table 1: Taxa Detected During July 2006 Aquatic Plant Survey, Watersmeet Lake, Vilas County, Wisconsin**

Genus	Species	ID	Common Name	Category
<i>Brasenia</i>	<i>schreberi</i>	1	Watershield	Floating leaf
<i>Ceratophyllum</i>	<i>demersum</i>	2	Coontail	Submersed
<i>Elodea</i>	<i>canadensis</i>	3	Elodea, common waterweed	Submersed
<i>Lemna</i>	<i>minor</i>	4	Small duckweed	free floating
<i>Lemna</i>	<i>trisulca</i>	5	Forked duckweed	free floating
<i>Myriophyllum</i>	<i>sibiricum</i>	6	northern watermilfoil	Submersed
<i>Myriophyllum</i>	<i>spicatum</i>	7	Eurasian watermilfoil	Submersed
<i>Najas</i>	<i>flexis</i>	8	Slender naid/bushy pondweed	Submersed
<i>Nuphar</i>	<i>variegata</i>	9	Spatterdock	Floating leaf
<i>Nymphaea</i>	<i>odorata</i>	10	White water lily	Floating leaf
<i>Pontederia</i>	<i>cordata</i>	11	Pickerelweed	Emergent
<i>Potamogeton</i>	<i>amplifolius</i>	12	Large leaf pondweed, musky weed, cabbage	Submersed
<i>Potamogeton</i>	<i>pusillus</i>	13	Small pondweed	Submersed
<i>Potamogeton</i>	<i>richardsonii</i>	14	Claspping-leaf pondweed	Submersed
<i>Potamogeton</i>	<i>robinnsii</i>	15	Robbins pondweed, fern pondweed	Submersed
<i>Potamogeton</i>	<i>vaseyi</i>	16	Vasey's pondweed	Submersed
<i>Potamogeton</i>	<i>zosteriformis</i>	17	Flat-stem pondweed	Submersed
<i>Ranunculus</i>	<i>aquaticus</i>	18	Stiff water crowfoot	Submersed
<i>Sagittaria</i>	<i>sp.</i>	19	Arrowhead	Emergent
<i>Schoenoplectus</i>	<i>tabernaemontani</i>	20	Softstem bulrush	Emergent
<i>Sparganium</i>	<i>sp.</i>	21	Bur-reed	Emergent
<i>Typha</i>	<i>latifolia</i>	22	Braod-leaved cattail	Emergent
<i>Utricularia</i>	<i>vulgaris</i>	23	Common bladderwort	Submersed
<i>Valisneria</i>	<i>americana</i>	24	Wild celery	Submersed
<i>Zizania</i>	<i>palustris</i>	25	Northern wild rice	Emergent
		26	Filamentous algae	algal

**Table 2 : July 2006 Aquatic Plant Community Statistics, Watersmeet Lake, Vilas County, Wisconsin**

<b>Aquatic Plant Community Statistics</b>	<b>Jul-06</b>
Frequency of occurrence at sites shallower than maximum depth of plants	69%
Simpson Diversity Index	0.91
Maximum Depth of Plants (Feet)	12
Taxonomic Richness (Number Taxa)	26
Average Number of Species per Site (sites less than max depth of plant growth)	1.61
Average number of Species per Site (sites with vegetation)	2.33
Average Number of NATIVE Species per Site (sites less than max depth of plant growth)	1.36
Average Number of NATIVE Species per Site (sites with vegetation)	2.07

**Table 3 : 2006 Aquatic Plant Taxa-Specific Statistics, Watersmeet Lake, Vilas County, Wisconsin**

Species ID	Genus	Species	Common Name	Number of Intercept Points Where Detected	Frequency of Occurrence within vegetated areas	Frequency of Occurrence at sites shallower than max depth of plants	Relative Frequency of Occurrence	Average Density
1	<i>Brasenia</i>	<i>schreberi</i>	Watershield	9	2.5%	1.7%	1.1%	1
2	<i>Ceratophyllum</i>	<i>demersum</i>	Coontail	126	35.2%	24.3%	15.1%	1
3	<i>Elodea</i>	<i>canadensis</i>	Elodea, common waterweed	74	20.67	14.3%	8.9%	1
4	<i>Lemna</i>	<i>minor</i>	Small duckweed	2	0.6%	0.4%	0.2%	1
5	<i>Lemna</i>	<i>trisulca</i>	Forked duckweed	2	0.6%	0.4%	0.2%	1
6	<i>Myriophyllum</i>	<i>sibiricum</i>	Northern watermilfoil	12	3.4%	2.3%	14.0%	1
7	<i>Myriophyllum</i>	<i>spicatum</i>	Eurasian watermilfoil	121	33.8%	23.3%	14.5%	2
8	<i>Najas</i>	<i>flexis</i>	Slender naid/bushy pondweed	2	0.6%	0.4%	0.2%	1
9	<i>Nuphar</i>	<i>variegata</i>	Spatterdock	38	10.6%	7.3%	4.6%	1
10	<i>Nymphaea</i>	<i>odorata</i>	White water lily	19	5.3%	3.7%	2.3%	1
11	<i>Pontederia</i>	<i>cordata</i>	Pickerelweed	14	3.9%	2.7%	1.7%	1
12	<i>Potamogeton</i>	<i>amplifolius</i>	Large leaf pondweed, musky weed, cabbage	39	10.9%	7.5%	4.7%	1
13	<i>Potamogeton</i>	<i>pusillus</i>	Small pondweed	7	2.0%	1.4%	0.8%	1
14	<i>Potamogeton</i>	<i>richardsonii</i>	Claspping-leaf pondweed	3	0.8%	0.6%	0.4%	1
15	<i>Potamogeton</i>	<i>robinnsii</i>	Robbins pondweed, fern pondweed	23	6.4%	4.4%	2.8%	1
16	<i>Potamogeton</i>	<i>vaseyi</i>	Vasey's pondweed	2	0.6%	0.4%	0.2%	1
17	<i>Potamogeton</i>	<i>zosteriformis</i>	Flat-stem pondweed	81	22.6%	15.6%	9.7%	1
18	<i>Ranunculus</i>	<i>aquaticus</i>	Stiff water crowfoot	3	0.8%	0.6%	0.4%	1
19	<i>Sagittaria</i>	<i>sp.</i>	Arrowhead	4	1.1%	0.8%	0.5%	1
20	<i>Schoenoplectus</i>	<i>tabernaemontani</i>	Softstem bulrush	1	0.3%	0.2%	0.1%	1
21	<i>Sparganium</i>	<i>sp.</i>	Bur-reed	8	2.2%	1.5%	1.0%	1
22	<i>Typha</i>	<i>latifolia</i>	Braod-leaved cattail	1 (visual)				
23	<i>Utricularia</i>	<i>vulgaris</i>	Common bladderwort	7	2.0%	1.4%	0.8%	1
24	<i>Valisneria</i>	<i>americana</i>	Wild celery	97	27.1%	18.7%	11.6%	1
25	<i>Zizania</i>	<i>palustris</i>	Northern wild rice	135	37.7%	26.0%	16.2%	3
26			Filamentous algae	6	1.7%	1.2%	0.7%	1

**Table 4: July 2006 Floristic Quality Index, Watersmeet Lake, Vilas County, Wisconsin**

Genus	Species	Common Name	Coefficient of Conservatism C	Present	Coefficient of Conservatism C
<i>Brasenia</i>	<i>schreberi</i>	Watershield	7	1	7
<i>Ceratophyllum</i>	<i>demersum</i>	Coontail	3	1	3
<i>Elodea</i>	<i>canadensis</i>	Elodea, common waterweed	3	1	3
<i>Lemna</i>	<i>minor</i>	Small duckweed	5	1	5
<i>Lemna</i>	<i>trisulca</i>	Forked duckweed	6	1	6
<i>Myriophyllum</i>	<i>sibiricum</i>	northern watermilfoil	7	1	7
<i>Najas</i>	<i>flexis</i>	Slender naid/bushy pondweed	6	1	6
<i>Nuphar</i>	<i>variegata</i>	Spatterdock	6	1	6
<i>Nymphaea</i>	<i>odorata</i>	White water lily	6	1	6
<i>Pontederia</i>	<i>cordata</i>	Pickerelweed	9	1	9
<i>Potamogeton</i>	<i>amplifolius</i>	Large leaf pondweed, musky weed, cabbage	7	1	7
<i>Potamogeton</i>	<i>pusillus</i>	Small pondweed	7	1	7
<i>Potamogeton</i>	<i>richardsonii</i>	Claspping-leaf pondweed	5	1	5
<i>Potamogeton</i>	<i>robinnsii</i>	Robbins pondweed, fern pondweed	8	1	8
<i>Potamogeton</i>	<i>vaseyi</i>	Vasey's pondweed	10	1	10
<i>Potamogeton</i>	<i>zosteriformis</i>	Flat-stem pondweed	6	1	6
<i>Ranunculus</i>	<i>aquaticus</i>	Stiff water crowfoot	7	1	7
<i>Sagittaria</i>	<i>sp.</i>	Arrowhead	3	1	3
<i>Schoenoplectus</i>	<i>tabernaemontani</i>	Softstem bulrush	4	1	4
<i>Sparganium</i>	<i>sp.</i>	Bur-reed	5	1	5
<i>Typha</i>	<i>latifolia</i>	Braod-leaved cattail	1	1	1
<i>Utricularia</i>	<i>vulgaris</i>	Common bladderwort	7	1	7
<i>Valisneria</i>	<i>americana</i>	Wild celery	6	1	6
<i>Zizania</i>	<i>palustris</i>	Northern wild rice	8	1	8

N 24  
Mean C 5.916667  
**Floristic Quality Index (FQI) 28.98563**

Please note: There is no Coefficient of Conservatism for exotic species such as Eurasian Water-Milfoil.