

Standard Aquatic Vegetation Summary Sheet - Submersed Plants Only

Lake Name: Palmer Lake
 County: St. Joseph County
 Surveyor: Paul Hausler, Jared Laughlin
 Survey Date: 22-Jul-21
 Total Number of AVAS Sites: 135

Code No	Plant Name	Occurrence per Density Category				Relative Density Calculations				Relative Density for Entire Littoral Zone		Code No	Plant Name
		A	B	C	D	A x 1	B x 10	C x 40	D x 80	Sum	%		
1	Eurasian milfoil	8	8	11		8	80	440	0	528	3.9	1	<i>Myriophyllum spicatum</i>
2	Curly leaf pondweed		5			0	50	0	0	50	0.4	2	<i>Potamogeton crispus</i>
3	Chara					0	0	0	0	0	0.0	3	<i>Chara sp.</i>
4	Thinleaf pondweed		23	7		0	230	280	0	510	3.8	4	<i>Potamogeton sp.</i>
5	Flatstem pondweed					0	0	0	0	0	0.0	5	<i>Potamogeton zosteriformis</i>
6	Robbins pondweed					0	0	0	0	0	0.0	6	<i>Potamogeton robbinsii</i>
7	Variable pondweed		1			0	10	0	0	10	0.1	7	<i>Potamogeton gramineus</i>
8	Whitestem pondweed					0	0	0	0	0	0.0	8	<i>Potamogeton praelongus</i>
9	Richardsons pondweed		3			0	30	0	0	30	0.2	9	<i>Potamogeton richardsonii</i>
10	Illinois pondweed		3	6		0	30	240	0	270	2.0	10	<i>Potamogeton illinoensis</i>
11	Large leaf pondweed		3			0	30	0	0	30	0.2	11	<i>Potamogeton amplifolius</i>
12	American pondweed					0	0	0	0	0	0.0	12	<i>Potamogeton americanus</i>
14	Water stargrass		3	1	1	0	30	40	80	150	1.1	14	<i>Heteranthera dubia</i>
15	Wild celery					0	0	0	0	0	0.0	15	<i>Vallisneria americana</i>
16	Sagittaria					0	0	0	0	0	0.0	16	<i>Sagittaria sp.</i>
17	Northern milfoil					0	0	0	0	0	0.0	17	<i>Myriophyllum sibiricum</i>
18	M. verticillatum					0	0	0	0	0	0.0	18	<i>Myriophyllum verticillatum</i>
19	M. heterophyllum					0	0	0	0	0	0.0	19	<i>Myriophyllum heterophyllum</i>
20	Coontail		13	3		0	130	120	0	250	1.9	20	<i>Ceratophyllum demersum</i>
21	Elodea			1		0	0	40	0	40	0.3	21	<i>Elodea canadensis</i>
22	Utricularia spp.					0	0	0	0	0	0.0	22	<i>Utricularia vulgaris</i>
23	Bladderwort-mini					0	0	0	0	0	0.0	23	<i>Utricularia minor</i>
24	Buttercup					0	0	0	0	0	0.0	24	<i>Ranunculus sp.</i>
25	Najas flexilis		12	18	8	0	120	720	640	1,480	11.0	25	<i>Najas flexilis</i>
26	Brittle naiad		1	3		0	10	120	0	130	1.0	26	<i>Najas minor</i>
27	Sago pondweed					0	0	0	0	0	0.0	27	<i>Stuckenia pectinata</i>
44	Starry stonewort					0	0	0	0	0	0.0	44	<i>Nitellopsis obtusa</i>
50	Water smartweed	1	9	9	3	1	90	360	240	691	5.1	50	<i>Persicaria amphibia var. stipulacea</i>

Total: 30.9