

WOLF LAKE

- Argentina anserina* (L.) Rydb., **silver-weed**. c=4. Shore. 1979, 2003.
- Aster lanceolatus* Willd., **white paniced aster**. c=4. Shore. 2003.
- Bidens cernuus* L., **nodding beggar-ticks**. c=4. Shore. 2003.
- Carex crinita* Lam., **fringed sedge**. c=6. Shore. 2003.
- Carex hystericina* Muhl., **bottlebrush sedge**. c=3. Shore. 1979.
- Carex pellita* Muhl., **woolly sedge**. c=4. Shore. 2003.
- Carex viridula* Michx., **little green sedge**. c=6. Shore. 1979, 2003.
- Carex vulpinoidea* Michx., **fox sedge**. c=7. Shore. 1975, 1979, 2003.
- Ceratophyllum demersum* L., **coontail**. c=3. Submersed. 1972, 2003.
- Chara* sp., **stonewort**. [macrophytic algae]. No c value given. Submersed. 2003.
- Cornus stolonifera* Michx., **red-osier dogwood**. c=3. Shore. 1972.
- Cyperus bipartitus* Torrey, **slender flat-sedge**. c=3. Shore. 2003.
- Eleocharis acicularis* (L.) R. & S., **needle spikerush**. c=5. Emergent and on shore.
2003.
- Eleocharis erythropoda* Steudel, **bald spikerush**. c=3. Emergent and on shore. 1979,
2003.
- Epilobium ciliatum* Raf., **American willow-herb**. c=3. Shore. 2003.
- Equisetum laevigatum* Braun, **smooth horsetail**. c=2. Shore. 2003.
- Eupatorium perfoliatum* L., **boneset**. c=6. Shore. 2003.
- Euthamia graminifolia* (L.) Nutt., **grass-leaved goldenrod**. c=4. Shore. 2003.
- Glyceria striata* (Lam.) Hitchc., **fowl meadow grass**. c=4. Shore. 2003.
- Iva xanthifolia* Nutt., **burweed marsh-elder**. c=0. Shore. 2003.
- Juncus alpinoarticulatus* Chaix, **northern green rush**. c=6. Shore. 1975, 1979.
- Juncus arcticus* Willd., **wire rush**. c=5. Shore. 1979, 2003.
- Juncus dudleyi* Wieg., **Dudley's rush**. c=4. Shore. 1979.
- Juncus effusus* L., **common rush**. c=4. Shore and emergent. 2003.
- Juncus nodosus* L., **joint rush**. c=6. Shore. 1979.
- Juncus pelocarpus* E. Mey., **brown-fruited rush**. c=8. Submersed, emergent, and on
shore. 2003.
- Juncus tenuis* Willd., **path rush**. c=1. Shore. 2003.

Leersia oryzoides (L.) Sw., **rice cut-grass**. c=3. Shore. 2003.

Lycopus americanus Muhl., **cut-leaved water-horehound**. c=4. Shore. 2003.

Myriophyllum sibiricum Kom., **common water-milfoil**. c=6. Submersed. 2003.

Najas flexilis (Willd.) R. & S., **bush-pondweed**. c=6. Submersed. 2003.

Polygonum amphibium L., **amphibious smartweed**. c=5. Shore. 2003.

Potamogeton amplifolius Tuck., **broadleaf pondweed**. c=7. Submersed. 2003.

Potamogeton illinoensis Morong, **Illinois pondweed**. c=6. Submersed. 1981, 1983, 2003.

Potamogeton natans L., **floating-leaf pondweed**. c=5. Submersed and rooted with floating leaves. 2003.

Potamogeton nodosus Poiret, **longleaf pondweed**. c=7. Submersed. 2003.

Potamogeton praelongus Wulfen, **zig-zag pondweed**. c=8. Submersed. 1981, 2003.

Potamogeton robbinsii Oakes, **fernleaf pondweed**. c=8. Submersed. 2003.

Potamogeton zosteriformis Fern., **flat-stem pondweed**. c=6. Submersed. 2003.

Salix exigua Nutt., **sandbar willow**. c=2. Shore. 2003.

Salix petiolaris Sm., **meadow willow**. c=6. Shore. 2003.

Schoenoplectus acutus (Muhl.) A. & D.Love, **hard-stemmed bulrush**. c=6. Emergent. 1979, 2003.

Schoenoplectus tabernaemontani (Gmelin) Palla, **soft-stemmed bulrush**. c=4. Emergent. 1975, 1979, 2003.

Solidago gigantea Aiton, **late goldenrod**. c=3. Shore. 2003.

Spartina pectinata Link., **prairie cord-grass**. c=5. Shore. 2003.

Stuckenia pectinata (L.) Borner, **sago pondweed**. c=3. Submersed. 2003.

Typha latifolia L., **broad-leaved cattail**. c=1. Emergent. 2003.

Urtica dioica L., **stinging nettle**. c=1. Shore. 2003.

Verbena hastata L., **blue vervain**. c=3. Shore. 2003.

There are **49** species of aquatic macrophytes (**48** species of vascular plants plus one macrophytic alga) that have been found in Wolf Lake or in the wet areas of the surrounding shore line and adjacent wetland. This is above average for Portage County lakes. The average index of conservatism (c value) is **4.2**, which is slightly below

average. The floristic quality index is **29.2**, which is also below average for Portage County lakes. (Refer to section for information)

The shore line of Wolf Lake is undeveloped, except for a beach at the east end. With the low water levels in 2002 and 2003, the exposed sandy beach area is exceptionally wide. Silver-weed is very abundant, especially on the south and west shores. The flora of this area is typical of exposed lake beaches in Wisconsin, especially those which have alternating periods of high water inundating the shore, followed by dry years with wide exposed beaches. The beach and vegetation are similar to nearby Pickerel Lake, Plainfield Lake, and Second Lake, all of which have populations of Fassett's locoweed. There are reports of Fassett locoweed having been present at Wolf Lake, but there are apparently no herbarium voucher specimens. Nevertheless, the shore should be searched every June for Fassett's locoweed when that species would be in flower and fairly conspicuous. At other times of the year it would be difficult to find because it has the same grayish coloration and pinnately compound leaves as the very abundant silver-weed.

A fairly large wetland occurs at the west end of the lake, cut-off during dry years, but probably more-or-less connected to Wolf Lake during years of high water. This wetland appears to be a degraded rich fen. Seeds of some of the rare or more characteristic fen species could still be present in this wetland. If so, several years of protection from disturbance may lead to the re-appearance of some of these species.

Wolf