

## TREE LAKE

- Alnus incana* (L.) Moench., **tag alder**. c=4. Shore. 2003.
- Asclepias incarnata* L., **swamp milkweed**. c=5. Shore. 2003.
- Calamagrostis canadensis* (Michx.) Beauv., **blue-joint grass**. c=5. Shore. 2003.
- Calla palustris* L., **marsh calla-lily**. c=9. Shore. 2003.
- Carex lacustris* Willd., **lake sedge**. c=6. Shore. 2003.
- Ceratophyllum demersum* L., **coontail**. c=3. Submersed. 2003.
- Chara* spp., **stoneworts**. [macrophytic algae]. No c value given. Submersed. 2003.
- Cornus amomum* Miller, **silky dogwood**. c=4. Shore. 2003.
- Cornus stolonifera* Michx., **red-osier dogwood**. c=3. Shore. 2003.
- Eleocharis acicularis* (L.) R. & S., **needle spikerush**. c=5. Submersed, emergent, and on shore. 2003.
- Elodea canadensis* Michx., **Canadian waterweed**. c=3. Submersed. 1988, 2003.
- Equisetum laevigatum* Braun, **smooth horsetail**. c=2. Shore. 2003.
- Impatiens capensis* Meerb., **orange jewelweed**. c=2. Shore. 2003.
- Larix laricina* (DuRoi) K.Koch, **tamarack**. c=8. Shore. 2003.
- Leersia oryzoides* (L.) Sw., **rice cut-grass**. c=3. Emergent and on shore. 2003.
- Lemna turionifera* Landolt, **turion duckweed**. c=2. Free-floating. 2003.
- Myriophyllum sibiricum* Kom., **common water-milfoil**. c=6. Submersed. 1988, 2003.
- Najas flexilis* (Willd.) R. & S., **bush-pondweed**. c=6. Submersed. 1988, 2003.
- Nuphar variegata* Durand, **northern yellow-pond-lily**. c=6. Rooted with floating leaves. 2004.
- Nymphaea odorata* Aiton, **white water-lily**. c=6. Rooted with floating leaves. 2003.
- Phalaris arundinacea* L., **reed canary-grass**. alien; c=0. Shore. 2003.
- Potamogeton friesii* Rupr., **Fries' pondweed**. c=8. Submersed. 1988, 2003.
- Potamogeton illinoensis* Morong, **Illinois pondweed**. c=6. Submersed. 1988, 2003.
- Potamogeton praelongus* Wulfen, **zig-zag pondweed**. c=8. Submersed. 1988, 2003.
- Rumex orbiculatus* Gray, **great water dock**. c=8. Shore. 2003.
- Rumex verticillatus* L., **swamp dock**. c=6. Shore. 2003.
- Sagittaria latifolia* Willd., **broadleaved arrowhead**. c=3. Shore. 2003.
- Salix exigua* Nutt., **sandbar willow**. c=2. Shore. 2003.

*Salix nigra* Marshall, **black willow**. c=4. Shore. 2003.

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

*Solanum dulcamara* L., **bittersweet nightshade**. alien; c=0. Shore. 2003.

*Spartina pectinata* Link., **prairie cord-grass**. c=5. Emergent and on shore. 2003.

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

*Thuja occidentalis* L., **northern white cedar**. c=9. Shore. 2003.

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

*Vallisneria americana* Michx., **water-celery**. c=6. Submersed. 1988, 2003.

There are **38** species of aquatic macrophytes (**37** species of vascular plants plus one species of macrophytic algae) that have been found in Tree Lake or on the adjacent wet shore and wetland. This is below average for Portage County lakes. The average index of conservatism (**c** value) is **4.7**, which is average for Portage County lakes. The floristic quality index is **28.5**, which is below average.

Tree Lake has a relatively small aquatic flora, composed of species typical of fairly hard water lakes. No major invasive species have been found to date in the lake. Although much of the shoreline is developed or in park land, reed canary-grass is the only invasive alien species noted. Wetland complexes including swampy or boggy woods extend northwest from the northwestern shore and also along Klondike Creek to the southwest from the south shore of Tree Lake. If botanical inventories of these wetlands were added to the data for Tree Lake, the floristic quality index would probably increase substantially.

Tree