

Aquatic plant survey of Burnett County Boat Landings

Performed July and August 2013 by Russ Schaffenberg, Consultant

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Purpose

To search for the presence of non-native aquatic invasive plant species such as Eurasian water milfoil and curly leaf pondweed, and to document native aquatic plant species present at Burnett County boat landings.

Summary

Thirty boat landings were visited between July 11 and August 17. Most locations had good water clarity and a firm bottom, which allowed the area near the landing to be searched by wading. At some locations, a larger area was searched by kayak.

Curly-leaf pondweed and three invasive wetland species, purple loosestrife, Phragmites and reed canary grass were documented at a number of locations (shown in summary below in bold type). Since the focus was primarily aquatic plants, except for these invasive wetland species, no attempt was made to fully account for all the native emergent and shoreline plant species, although some are listed.

Seven species listed by the DNR as rare were documented, some at several locations (underlined in summary below). Selected specimens were submitted to the UW-Madison Herbarium (DNR E/T Permit #662).

List of Plant Genera and Species Found at Boat Landings

Lower Clam Lake, Highway 70 landing T39 R16 S34: *Nymphaea odorata*, *Sparganium*, coontail, *Najas flexilis*, *Stuckenia pectinata*, *S. filiformis* ssp. *occidentalis*, **curly-leaf pondweed**, **reed canary grass**

Lower Clam Lake, Midtown Road landing (carry-in) T39 R16, S27: A south wind brought blue-green surface scum into shore, visibility was zero, cattail, **reed canary grass**, **curly-leaf pondweed**

Little McGraw Lake, T42 R15 S13, 24: *Nymphaea odorata*, *Nuphar variegata*, *Dulichium*, *Sagittaria*, *Schoenoplectus torreyi*, *Eleocharis palustris*, *E. acicularis*, *Brasenia*, pipewort, cattail, *Sparganium fluctuans*, *Utricularia gibba*, *U. vulgaris*, *U. intermedia*, *Najas gracillima*, *Myriophyllum tenellum*, *M. sibericum*, aquatic moss, fresh water sponges, Potamogetons: fern, epihydrus, **reed canary grass**

McGraw Lake, T42 R14, S6: *Schoenoplectus pungens*, *S. tabernaemontanae*, *Nuphar variegata*, *Nymphaea odorata*, *Brasenia*, *Najas flexilis*, *N. gracillima*, *Eleocharis acicularis*, aquatic moss, Potamogetons: clasping-leaf, variable, large leaf, flat stem, fern, epihydrus

Webb Creek dam on Webb Lake, end of Dam Road T41 R14 S9: cattail, Sparganium, Sagittaria, Pontederia, Dulichium, soft stem bulrush, Nymphaea odorata, coontail, Vallisnaria, Utricularia vulgaris, Nitella, sago pondweed, Potamogetons: long leaf, flat stem, Stuckenia pectinata, S. filiformis ssp. occidentalis, **reed canary grass**

Little Bear Lake, private beach and boat landing (Voyageur Village) on north side of lake T41 R14 S31: Nuphar variegata, Elodea Canadensis, Vallisnaria, Najas flexilis, Myriophyllum tenellum, M. sibiricum, Chara, sago pondweed, Potamogetons: long leaf, pusillus ssp. tenuissimus, flat stem, clasping leaf, variable, alpinus, Illinoensis, white stem, large leaf, fern

Crooked Lake, park and boat landing SW side of lake, T38, R16, S8: Alisma subcordatum, soft stem bulrush, cattail, Brasenia, Sagittaria gramineus ssp. gramineus, Brasenia, Nymphaea odorata, Elatine mimina, Myriophyllum tenellum, Vallisnaria, Najas flexilis, Elodea nuttallii, Eleocharis acicularis, E. palustris, Potamogetons: flat stem, fern, large leaf, epiphydrus, **reed canary grass**

Clear Lake, Hwy. 35 park and boat landing NE side of lake, T38 R16 S17: Nymphaea odorata, Schoenoplectus pungens, S. tabernaemontanae, cattail, Vallisnaria, Myriophyllum tenellum, Potamogetons: large leaf, fern, epiphydrus, spirillus, pusillus ssp. tenuissimus, **reed canary grass**

Godfrey Lake, County park and boat ramp, west side of lake, T38 R16, S33: Cattail, Sagittaria, Nuphar variegata, Nymphaea odorata, Eleocharis palustris, Pontederia, Schoenoplectus tabernaemontanae, S. subterminalis, Brasenia, Ceratophyllum echinatum, Myriophyllum sibiricum, Utricularia gibba, U. intermedia, U. purpurea, Najas gracillima, Potamogetons: large leaf, variable, pusillus ssp. tenuissimus, vaseyii, pulcher, **reed canary grass**

East Elbow Lake, boat landing on Johnson Road, T38 R16, S31-32: Cattail, Pontederia, Sagittaria, Eleocharis palustris, Brasenia, Nymphaea odorata, Utricularia gibba, U. intermedia, U. vulgaris, Potamogetons: bicupulatus, pulcher, pusillus ssp. tenuissimus, epiphydrus, **reed canary grass**

Middle McKenzie Lake, T40 R14 S13: Nymphaea odorata, Sagittaria, Chara, coontail, Myriophyllum sibiricum, M. tenellum, Vallisnaria, Najas flexilis, Eleocharis acicularis, Heteranthera dubia, Ranunculus aquatilis var. diffusus, sago pondweed, Potamogetons: flat stem, clasping leaf, fern, variable, large leaf, alpinus, **reed canary grass**

Big McKenzie Lake, County Road E, just east of T40 R14 S24 (in Washburn County): cattail, Schoenoplectus pungens, sago pondweed, Vallisnaria, Najas flexilis, Myriophyllum sibiricum, M. tenellum, coontail, Heteranthera dubia, Potamogetons: illinoensis, clasping leaf, white stem, alpinus, pusillus ssp. tenuissimus, large leaf, flat stem, variable, **curly leaf**

Dubois Lake, on Dubois Road, T40 R14 S34: Eleocharis palustris, Carex comosa, Schoenoplectus torreyi, Nymphaea odorata, Nuphar variegata, Sagittaria, Brasenia, Dulichium, Utricularia intermedia, U. vulgaris, U. minor, U. gibba, U. purpurea, Potamogeton gramineus

Gaslyn Lake, County Road H landing, T39 R14 S4-5: cattail, soft stem bulrush, Pontederia, Sagittaria, Nuphar variegata, Myriophyllum sibiricum, Vallisnaria, Elodea Canadensis, Najas flexilis, Utricularia vulgaris, Potamogetons: large leaf, gramineus, **Phragmites**

Benoit Lake, Clearview Road, T39 R14 S10: Soft stem bulrush, cattail, Schoenoplectus pungens, Nymphaea odorata, Pontederia, Vallisnaria, Myriophyllum sibiricum, Najas flexilis, Elodea Canadensis, coontail, Megalodonta beckii, Potamogetons: white stem, variable, **reed canary grass, purple loostrife** (@creek outlet to Rice Lake)

Lipsett Lake, T39 R14 S13: cattail, wild rice, Nymphaea odorata, Nuphar variegata, Sagittaria, Vallisnaria, Ranunculus aquatilis var. diffusus, Myriophyllum sibiricum, sago pondweed, Chara, coontail, Najas flexilis, Heteranthera dubia, Potamogeton: clasping leaf, white stem, variable, flat stem, large leaf, **reed canary grass, Phragmites**

Rice Lake, T39 R14 S14-15: Cattail, Nymphaea odorata, Callitriche palustris, duckweed, Utricularia vulgaris, **Phragmites, purple loostrife, reed canary grass**

Spring Brook Springs, culvert under County Road EE, T37 R14 S4, 9: cattail, Potamogeton pusillus ssp. pusillus, **reed canary grass**

Bashaw Lake, T38 R14 S18, 19: Soft stem bulrush, cattail, Sagittaria, duckweed, Nuphar variegata, Nymphaea odorata, Vallisnaria, coontail, large leaf pondweed, **Phragmites, purple loostrife**

Pokegema Lake, Vesely Road on NE side, T38 R15 S10, 15: cattail, Nuphar variegata, Nymphaea odorata, Pontederia, Sagittaria, coontail, Myriophyllum sibiricum, Potamogetons: pusillus ssp. pusillus, epihydrus, nodosus, **curly leaf pondweed, purple loostrife**

Warner Lake, T38 R15 S4: cattail, Schoenoplectus pungens, Pontederia, Sagittaria, Brasenia, Vallisnaria, Myriophyllum tenellum, Najas flexilis, Potamogetons: large leaf, fern, Oakes', **reed canary grass, Phragmites**

Viola Lake, on Woodland Trail, T39 R15 S31: cattail, Schoenoplectus pungens, S. tabernaemontanae, Dulichium, Pontederia, Brasenia, Nymphaea variegata, Nuphar odorata, Myriophyllum tenellum, Elodea Canadensis, Eleocharis acicularis, Utricularia purpurea, Potamogetons: fern, spirillus, large leaf, epihydrus

Poquette Lake, Scenic View Lane, west side of lake, T38 R14 S3, 2: Sparganium, Nymphaea odorata, Vallisnaria, Eleocharis acicularis, Elodea Canadensis, Myriophyllum tenellum, Elatine minima, Potamogetons: fern, large leaf, spirillus, **purple loostrife, reed canary grass**

Big Sand Lake, Olsen Road, SW side of lake, T39 R15 S32: cattail, Sagittaria, Sparganium, Pontederia, Brasenia, Nymphaea odorata, Nuphar variegata, Najas flexilis, Vallisnaria, Elodea Canadensis, Eleocharis acicularis, Schoenoplectus subterminalis, Myriophyllum sibiricum, Heteranthera dubia, Potamogetons: flat stem, clasping leaf, fern, floating leaf, **reed canary grass**

Taylor Lake, T38 R16 S1: Schoenoplectus torreyi, Eleocharis palustris, E. robbinsii, Dulichium, Pontederia, Nymphaea odorata, Brasenia, pipewort, coontail, Utricularia gibba, U. intermedia, U. purpurea, Potamogetons: epiphydrus, fern, bicupulatus, pulcher, **reed canary grass**

Clam Lake, Clam Lake Drive on the east side, T38 R16 S11: cattail, wild rice, Nymphaea odorata, Heteranthera dubia, coontail, Vallisnaria, Potamogetons: flat stem, **reed canary grass, Phragmites**

Clam Lake, Cumberland Point Road, T38 R16 S10: floating green algae scum on top, low visibility, cattail, sago pondweed, Najas flexilis, reed canary grass

Clam Lake, Lone Star Road, T38 R16 S15: Cattail, wild rice, Sparganium, Sagittaria, Nymphaea odorata, Nuphar variegata, sago pondweed, Heteranthera dubia, Najas flexilis, coontail, Myriophyllum sibiricum, Potamogetons: floating leaf, **reed canary grass**

Long Lake, on Long Lake Road, T38 R16 S16: wild rice, cattail, Pontederia, Nymphaea odorata, duckweed, coontail, Elodea Canadensis, Potamogetons: flat stem, large leaf

Big Doctor Lake, T38 R16 S6, 7: Schoenoplectus pungens, Eleocharis palustris, Nuphar variegata, Brasenia, Pontederia, Sagittaria, Vallisnaria, Potamogetons: fern, **curly leaf pondweed, reed canary grass**