

Lac du Flambeau Aquatic Plant Point Intercept Survey Summary of Results (summer 2009-2010)

Note: Plants have not been verified by the State Botanist as of this date (10/20/10)

Data has been combined from work done by the Lac du Flambeau Tribe, Onterra LLC., and Bonestroo

Table 1: Lac du Flambeau Lakes list of plants found during the aquatic plant point intercept survey

	Moss	LCS	Pokegama	BCS	WSL	Sqauw
<i>Acorus americanus</i> , Sweet-flag			present			
<i>Alisma triviale</i> , Northern water-plantain					present	
<i>Bidens beckii</i> (formerly <i>Megalodonta</i> ), Water marigold			present	present	present	
<i>Brasenia schreberi</i> , Watershield	present				present	present
<i>Ceratophyllum demersum</i> , Coontail	present		present	present	present	
<i>Ceratophyllum echinatum</i> , Spiny hornwort						present
<i>Chara</i> sp., Muskgrasses	present	present	present	present	present	present
<i>Dulichium arundinaceum</i> , Three-way sedge						present
<i>Eleocharis acicularis</i> , Needle spikerush				present	present	present
<i>Eleocharis erythropoda</i> , Bald spikerush					present	
<i>Eleocharis palustris</i> , Creeping spikerush						present
<i>Eleocharis robbinsii</i> , Robbins' spikerush					present	
<i>Elodea canadensis</i> , Common waterweed	present	present	present	present	present	
<i>Elodea nuttallii</i> , Slender waterweed						present
<i>Eriocaulon aquaticum</i> , Pipewort	present			present	present	
<i>Isoetes</i> sp., Quillwort				present	present	present
<i>Juncus pelocarpus</i> f. <i>submersus</i> , Brown-fruited rush		present		present	present	
<i>Lobelia dortmanna</i> , Water lobelia			present	present		
<i>Myriophyllum alterniflorum</i> , Alternate-flowered water-milfoil			present	present		
<i>Myriophyllum sibiricum</i> , Northern water-milfoil	present	present	present	present	present	present
<i>Myriophyllum tenellum</i> , Dwarf water-milfoil	present	present	present	present	present	
<i>Najas flexilis</i> , Slender naiad	present	present	present	present	present	present
<i>Najas gracillima</i> , Northern naiad			present	present		
<i>Najas marina</i> , Spiny naiad	present					
<i>Nitella</i> sp., Nitella						present
<i>Nuphar advena</i> , Yellow pond lily	present			present		
<i>Nuphar variegata</i> , Spatterdock						present
<i>Nymphaea odorata</i> , White water lily	present	present	present		present	present
<i>Pontederia cordata</i> , Pickerelweed	present		present	present		present
<i>Potamogeton amplifolius</i> , Large-leaf pondweed	present	present	present	present	present	present
<i>Potamogeton diversifolius</i> , Water-thread pondweed	present					
<i>Potamogeton epihydrus</i> , Ribbon-leaf pondweed				present	present	present
<i>Potamogeton foliosus</i> , Leafy pondweed			present	present	present	
<i>Potamogeton gramineus</i> , Variable pondweed		present	present		present	present
<i>Potamogeton illinoensis</i> , Illinois pondweed			present	present	present	
<i>Potamogeton natans</i> , Floating-leaf pondweed						present
<i>Potamogeton nodosus</i> , Long-leaf pondweed					present	
<i>Potamogeton praelongus</i> , White-stem pondweed	present			present		
<i>Potamogeton pusillus</i> , Small pondweed	present		present	present	present	
<i>Potamogeton richardsonii</i> , Claspingleaf pondweed		present	present	present	present	present
<i>Potamogeton robbinsii</i> , Fern pondweed		present	present	present	present	
<i>Potamogeton strictifolius</i> , Stiff pondweed			present		present	present
<i>Potamogeton zosteriformis</i> , Flat-stem pondweed	present	present	present	present	present	present
<i>Ranunculus aquatilis</i> , White water crowfoot	present					
<i>Ranunculus flabellaris</i> , Yellow water crowfoot				present		
<i>Sagittaria brevirostra</i> , Midwestern arrowhead						present
<i>Sagittaria latifolia</i> , Common arrowhead	present	present	present			present

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	Moss	LCS	Pokegama	BCS	WSL	Squaw
<i>Schoenoplectus acutus</i> , Hardstem bulrush			present		present	present
<i>Schoenoplectus subterminalis</i> , Water bulrush			present			
<i>Sparganium fluctuans</i> , Floating-leaf bur-reed						present
<i>Stuckenia pectinata</i> , Sago pondweed	present	present	present		present	
<i>Utricularia gibba</i> , Creeping bladderwort	present					
<i>Utricularia intermedia</i> , Flat-leaf bladderwort	present					
<i>Utricularia minor</i> , Small bladderwort	present					
<i>Utricularia vulgaris</i> , Common bladderwort	present	present	present		present	present
<i>Vallisneria americana</i> , Wild celery	present	present	present	present	present	present
<i>Wolffia borealis</i> , Northern watermeal	present					
<i>Zannichellia palustris</i> , Horned pondweed	present					
<i>Zizania palustris</i> , Northern wild rice			present			present

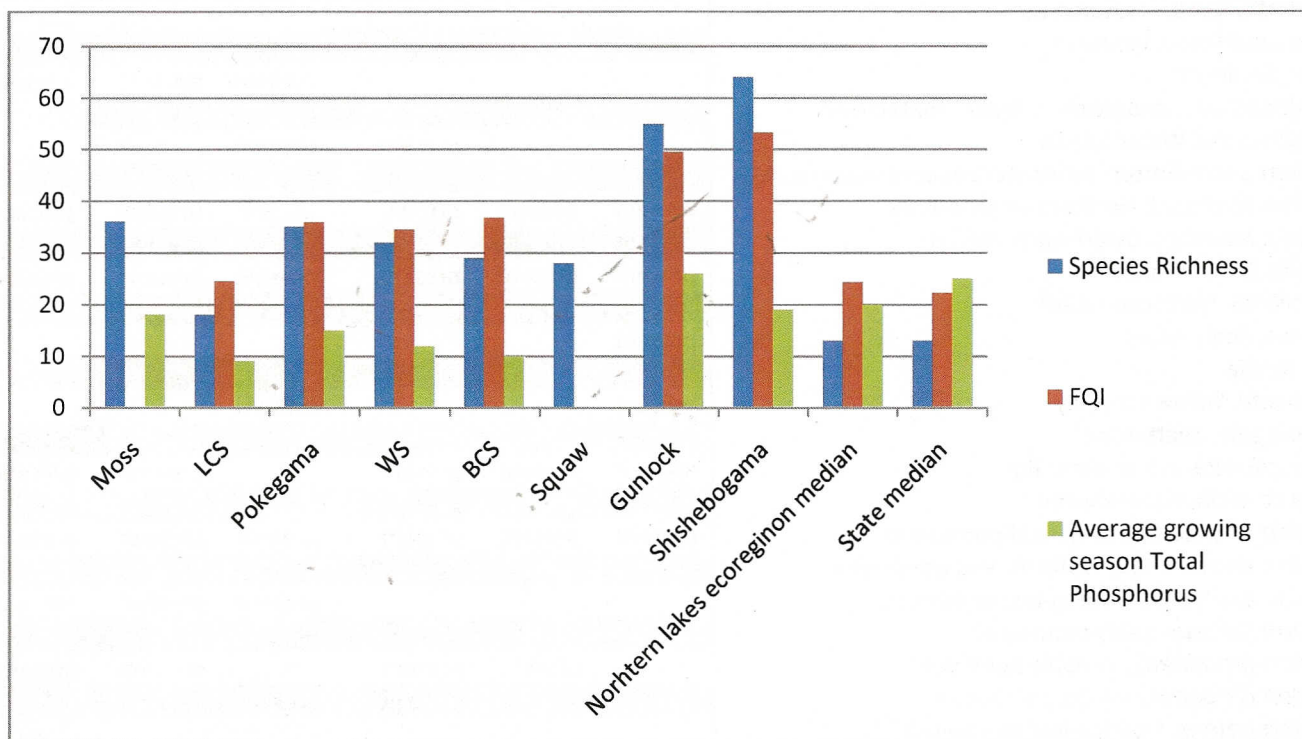


Figure 1: Lac du Flambeau Lakes Species Richness (number of plant species found), Floristic Quality Index (FQI), and Total Summer Phosphorus (in the water column) compared to Northern lakes ecoregional Median and the Wisconsin Median

Note: Floristic Quality Index (FQI) is used to evaluate the closeness of a lake's aquatic plant community to that of an undisturbed, or pristine lake. The higher the FQI the closer a lake is to an undisturbed system.