

Lake	Blackhawk Lake
County	Iowa
Date	06-23-15, 06-30-15
Township	
Range	
Section	

Species	Common Name	C	present=1	
<i>Acorus americanus</i>	Sweet-flag	7	0	0
<i>Alisma triviale</i>	Northern water-plantain	4	0	0
<i>Bidens beckii</i>	Water marigold	8	0	0
<i>Bolboschoenus fluviatilis</i>	River bulrush	6	0	0
<i>Brasenia schreberi</i>	Watershield	6	0	0
<i>Calla palustris</i>	Wild calla	9	0	0
<i>Callitriche hermaphroditica</i>	Autumnal water-starwort	9	0	0
<i>Callitriche heterophylla</i>	Large water-starwort	9	0	0
<i>Callitriche palustris</i>	Common water-starwort	8	0	0
<i>Carex comosa</i>	Bottle brush sedge	5	0	0
<i>Catabrosa aquatica</i>	Brook grass	10	0	0
<i>Ceratophyllum demersum</i>	Coontail	3	1	3
<i>Ceratophyllum echinatum</i>	Spiny hornwort	10	0	0
<i>Chara</i>	Muskgrasses	7	1	7
<i>Dulichium arundinaceum</i>	Three-way sedge	9	0	0
<i>Elatine minima</i>	Waterwort	9	0	0
<i>Elatine triandra</i>	Greater waterwort	9	0	0
<i>Eleocharis acicularis</i>	Needle spikerush	5	0	0
<i>Eleocharis erythropoda</i>	Bald spikerush	3	0	0
<i>Eleocharis palustris</i>	Creeping spikerush	6	0	0
<i>Elodea canadensis</i>	Common waterweed	3	1	3
<i>Elodea nuttallii</i>	Slender waterweed	7	0	0
<i>Equisetum fluviatile</i>	Water horsetail	7	0	0
<i>Eriocaulon aquaticum</i>	Pipewort	9	0	0
<i>Glyceria borealis</i>	Northern manna grass	8	0	0
<i>Griatiola aurea</i>	Golden hedge-hyssop	10	0	0
<i>Heteranthera dubia</i>	Water star-grass	6	1	6
<i>Isoetes echinospora</i>	Spiny-spored quillwort	8	0	0
<i>Isoetes lacustris</i>	Lake quillwort	8	0	0
<i>Isoetes</i> sp.	Quillwort	8	0	0
<i>Juncus pelocarpus</i> f. <i>submersus</i>	Brown-fruited rush	8	0	0
<i>Juncus torreyi</i>	Torrey's rush	4	0	0
<i>Lemna minor</i>	Small duckweed	4	1	4
<i>Lemna perpusilla</i>	Least duckweed	10	0	0
<i>Lemna trisulca</i>	Forked duckweed	6	0	0
<i>Littorella uniflora</i>	Littorella	10	0	0
<i>Lobelia dortmanna</i>	Water lobelia	10	0	0
<i>Ludwigia palustris</i>	Marsh purslane	4	0	0
<i>Myriophyllum alterniflorum</i>	Alternate-flowered water-milfoil	10	0	0

<i>Myriophyllum farwellii</i>	Farwell's water-milfoil	8	0	0
<i>Myriophyllum heterophyllum</i>	Various-leaved water-milfoil	7	0	0
<i>Myriophyllum sibiricum</i>	Northern water-milfoil	6	0	0
<i>Myriophyllum tenellum</i>	Dwarf water-milfoil	10	0	0
<i>Myriophyllum verticillatum</i>	Whorled water-milfoil	8	0	0
<i>Najas flexilis</i>	Slender naiad	6	0	0
<i>Najas gracillima</i>	Northern naiad	7	0	0
<i>Najas guadalupensis</i>	Southern naiad	8	0	0
<i>Nelumbo lutea</i>	American lotus	7	0	0
<i>Nitella</i>	Nitella	7	0	0
<i>Nuphar advena</i>	Yellow pond lily	8	0	0
<i>Nuphar microphylla</i>	Small pond lily	9	0	0
<i>Nuphar X rubrodisca</i>	Intermediate pond lily	9	0	0
<i>Nuphar variegata</i>	Spatterdock	6	0	0
<i>Nymphaea odorata</i>	White water lily	6	0	0
<i>Phragmites australis</i>	Common reed	1	0	0
<i>Polygonum amphibium</i>	Water smartweed	5	0	0
<i>Polygonum punctatum</i>	Dotted smartweed	5	0	0
<i>Pontederia cordata</i>	Pickerelweed	8	0	0
<i>Potamogeton alpinus</i>	Alpine pondweed	9	0	0
<i>Potamogeton amplifolius</i>	Large-leaf pondweed	7	0	0
<i>Potamogeton bicupulatus</i>	Snail-seed pondweed	9	0	0
<i>Potamogeton confervoides</i>	Algal-leaved pondweed	10	0	0
<i>Potamogeton diversifolius</i>	Water-thread pondweed	8	0	0
<i>Potamogeton epihydrus</i>	Ribbon-leaf pondweed	8	0	0
<i>Potamogeton foliosus</i>	Leafy pondweed	6	1	6
<i>Potamogeton friesii</i>	Fries' pondweed	8	0	0
<i>Potamogeton gramineus</i>	Variable pondweed	7	0	0
<i>Potamogeton hillii</i>	Hill's pondweed	9	0	0
<i>Potamogeton illinoensis</i>	Illinois pondweed	6	0	0
<i>Potamogeton natans</i>	Floating-leaf pondweed	5	0	0
<i>Potamogeton nodosus</i>	Long-leaf pondweed	7	1	7
<i>Potamogeton oakesianus</i>	Oakes' pondweed	10	0	0
<i>Potamogeton obtusifolius</i>	Blunt-leaf pondweed	9	0	0
<i>Potamogeton praelongus</i>	White-stem pondweed	8	0	0
<i>Potamogeton pulcher</i>	Spotted pondweed	10	0	0
<i>Potamogeton pusillus</i>	Small pondweed	7	1	7
<i>Potamogeton richardsonii</i>	Clasping-leaf pondweed	5	0	0
<i>Potamogeton robbinsii</i>	Fern pondweed	8	0	0
<i>Potamogeton spirillus</i>	Spiral-fruited pondweed	8	0	0
<i>Potamogeton strictifolius</i>	Stiff pondweed	8	0	0
<i>Potamogeton vaseyi</i>	Vasey's pondweed	10	0	0
<i>Potamogeton zosteriformis</i>	Flat-stem pondweed	6	1	6
<i>Ranunculus aquatilis</i>	White water crowfoot	8	1	8
<i>Ranunculus flabellaris</i>	Yellow water crowfoot	8	0	0
<i>Ranunculus flammula</i>	Creeping spearwort	9	0	0
<i>Riccia fluitans</i>	Slender riccia	7	0	0
<i>Ruppia cirrhosa</i>	Ditch grass	8	0	0

<i>Sagittaria brevirostra</i>	Midwestern arrowhead	9	1	9
<i>Sagittaria cuneata</i>	Arum-leaved arrowhead	7	0	0
<i>Sagittaria graminea</i>	Grass-leaved arrowhead	9	0	0
<i>Sagittaria latifolia</i>	Common arrowhead	3	1	3
<i>Sagittaria rigida</i>	Sessile-fruited arrowhead	8	0	0
<i>Schoenoplectus acutus</i>	Hardstem bulrush	6	1	6
<i>Schoenoplectus heterochaetus</i>	Slender bulrush	10	0	0
<i>Schoenoplectus pungens</i>	Three-square bulrush	5	0	0
<i>Schoenoplectus subterminalis</i>	Water bulrush	9	0	0
<i>Schoenoplectus tabernaemontani</i>	Softstem bulrush	4	0	0
<i>Sparganium americanum</i>	American bur-reed	8	0	0
<i>Sparganium androcladum</i>	Branched bur-reed	8	0	0
<i>Sparganium angustifolium</i>	Narrow-leaved bur-reed	9	1	9
<i>Sparganium emersum</i>	Short-stemmed bur-reed	8	0	0
<i>Sparganium eurycarpum</i>	Common bur-reed	5	0	0
<i>Sparganium fluctuans</i>	Floating-leaf bur-reed	10	0	0
<i>Sparganium natans</i>	Small bur-reed	9	0	0
<i>Spirodela polyrhiza</i>	Large duckweed	5	0	0
<i>Stuckenia filiformis</i>	Fine-leaved pondweed	8	0	0
<i>Stuckenia pectinata</i>	Sago pondweed	3	1	3
<i>Stuckenia vaginata</i>	Sheathed pondweed	9	0	0
<i>Typha angustifolium</i>	Narrow-leaved cattail	1	0	0
<i>Typha latifolia</i>	Broad-leaved cattail	1	1	1
<i>Typha</i> sp.	Cattail	1	0	0
<i>Utricularia cornuta</i>	Horned bladderwort	10	0	0
<i>Utricularia geminiscapa</i>	Twin-stemmed bladderwort	9	0	0
<i>Utricularia gibba</i>	Creeping bladderwort	9	0	0
<i>Utricularia intermedia</i>	Flat-leaf bladderwort	9	0	0
<i>Utricularia minor</i>	Small bladderwort	10	0	0
<i>Utricularia purpurea</i>	Large purple bladderwort	9	0	0
<i>Utricularia resupinata</i>	Small purple bladderwort	9	0	0
<i>Utricularia vulgaris</i>	Common bladderwort	7	0	0
<i>Vallisneria americana</i>	Wild celery	6	0	0
<i>Wolffia borealis</i>	Northern watermeal	6	0	0
<i>Wolffia columbiana</i>	Common watermeal	5	1	5
<i>Zannichellia palustris</i>	Horned pondweed	7	0	0
<i>Zizania aquatica</i>	Southern wild rice	8	0	0
<i>Zizania palustris</i>	Northern wild rice	8	0	0
<i>Zizania</i> sp.	Wild rice	8	0	0

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CITATION: Nichols, SA. 1999. Floristic Quality Assessment of Wisconsin Lake Plant Communities with Example Applications. Journal of Lake and Reservoir Management, 15(2):133-141.

**CITATION: University of Wisconsin-Madison, 2001. Wisconsin Floristic Quality Assessment (WFQA). Retrived October 27, 2009 from:
<http://www.botany.wisc.edu/WFQA.asp>**