

SITES OF COLLECTION FOR THE CONJUGUTOPHYCEAE  
FROM ITASCA STATE PARK, MINNESOTA, U.S.A.

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Selected taxa from collections taken during 1965 and 1966 by Alan J. Brook and the author from Itasca State Park have previously been reported in a series of papers (Meyer and Brook, 1968, 1969 and 1971). These papers presented an annotated list of species with a brief description of the habitat and subcommunity position. Particular attention was given to the type of habitat, lake, pond, pool, bog or stream, and its trophic status. The subcommunity positions of Round (1965) and Behre (1956) indicated the spatial location of the taxon within the aquatic ecosystem. The subcommunities recognized are euplankton (P), neustron (N), epipellic (EP), epilithic (ET), epizooic (EZ), and metaphyton (M).

The papers by Meyer and Brook included a generalized aquatic characterization of the history and present status of the collecting area. This paper includes specific collection sites for each of the zygnematales reported by Meyer and Brook (1968). In addition, several new records are reported and numerous new collection sites. Each of the new records include a habitat description and subcommunity notation.

The following record comprises 6 genera and 16 species of the Zygnemataceae, 3 genera and 6 species of the Mesotaeniaceae and 19 genera and 241 species of the Desmidiaceae. The 43 new records are marked with an asterisk(\*) before the species' name in the following list.

Family Zygnemataceae

\**Entransia fimbriata* Hughes 1943

Pool 1.8 mi east of Elk Lake, north side of Park Drive, Two-spot Pond I. Humic forest pools, dystrophic pond. (M)

*Mesogerron fluitans* Brand 1899

0.3 mi. Pond, Two-spot Pond I, pool at junction of Two-spot and Twin Lakes Trails.

*Mougeotia genuflexa* (Dillwyn) C. A. Agardh 1824

Two-spot Pond.

*M. indica* Randhawa 1958

Red Lake Bog.

*M. poniciiana* Transeau 1934

Red Lake Bog.

*M. sphaerocarpa* Wolle 1887

Red Lake Bog.

*M. transeui* Collins 1912

Red Lake Bog, Pine Pond, Deming Pond.

*M. virescens* (Hassall) Borge 1913

Red Lake Bog.

*Pleurodiscus purpureus* (Wolle) Lagerheim 1895

1.2 mi. Pond, Porcupine Pond, Two-spot Pond.

*Sirgonium tenuis* (Nordstedt) Transeau 1934

Ditch across from Pine Pond east, Lake Itasca headwaters.

*Spirogyra communis* (Hassall) Kutzing 1849

Two-spot Pond.

*S. linana* Transeau 1934

Pine Pond.

*S. pratensis* Transeau 1914

Beltrami Pond, Typha marsh. (M)

*S. rivularis* (Hassall) Rabenhorst 1868

East Twin Lakes.

- \**Zygnemopsis decussata* (Trans.) Trans. in Trans., Tif. & Li, 1934  
Typha marsh on south Park Boundary, Typha marsh. (M)

Family Mesotaeniaceae

- \**Cylindrocystis americana* var. *minor* Cushman 1905  
Two-spot Pond I. Sphagnum bog. (M)
- \**C. brebissouii* var. *minor* West et West 1902  
Two-spot Pond, Spagnum bog. (M)
- \**Netrium digitus* (Ehrbg.) Itz. et Rothe 1856 In: Rabenhorst, L. Algen.  
0.3 mi. Pond. Eutrophic pond. (M)
- Spirotaenia condensata* de Brebisson in Ralfs 1848  
Darling Pond, Red Lake Bog, 0.3 mi. Pond.
- \**S. lemanensis* (Reverdin) Printz 1927  
Typha marsh on South Boundary Pond. (M)
- S. minuta* Thurst in de Brebisson 1956  
Pine Pond (l 24 $\mu$ ; br. 3.5 $\mu$ )

Family Desmidiaceae

- Actinotaenium cruciferum* (DeBary) Teiling 1954  
Pine Pond.
- A. diplosporum* var. *Americanum* (W & W) Teiling 1954  
Pine Pond.
- A. subtile* (W. & G. S. West) Teiling 1954  
Pine Pond.
- Arthrodesmus bifidus* var. *truncatus* West 1884  
Pine Pond.
- A. octocornis* Ehrbg.  
Pine Pond, Mihenna Lake, 1.2 mi. Pond.

- Gymnocyga moniliformis* (Ehrbg.) Kuetzing 1845  
Porcupine III. Red Lake Bog.
- Closterium aciculare* var. *subpronum* West & West 1904  
Lake Itasca.
- C. acutum* (Lyngbg.) de Brebisson, *in* Ralfs 1848  
Elk Lake.
- C. acutum* var. *linea* (Perty) West & West 1900  
Mesotrophic lake. (P) , McKenna Lake.
- C. angustatum* Kutzing 1945  
Darling Pond.
- \**C. braunii* Reinsch 1867  
Darling Pond, Dystrophic pond. (P)
- C. cynthia* De Notaris 1867  
Green Lake (phytoplankton).
- C. diana* Ehrbg. 1838  
0.2 from E. Entrance.
- C. ehrenbergii* Meneghini 1840  
Deming Pond, Darling Pond, Elk Lake. (P)
- C. incurvum* de Brebisson 1856  
Pine Pond.
- C. kutzingii* de Brebisson 1956  
Beaver Pond on Siegfried Creek below Hall Pond. Lake Alice Creek.
- C. liebleinii* Kutzing 1833  
Bog D, Bohall Lake, Elk Lake.
- C. lineatum* (Ehrenberg) Ralfs 1848  
Bog, west side of Mississippi River source. Lake Alice Creek. Pine Pond.
- C. navicula* (de Brebisson) LutkemueLLer 1902  
Pine Pond.
- C. praelongum* de Brebisson 1856  
Elk Lake.
- C. pronum* de Brebisson 1856  
Elk Lake. Pine Pond.
- C. ralfsii* de Brebisson *in* Ralfs 1848  
Porcupine Pond, Darling Pond.

- C. setaceum* (Ehrenberg) Ralfs 1848  
Deming Pond, Porcupine Pond.
- C. striolatum* var. *rectum* Klebs 1879  
Porcupine Pond.
- C. venus* (Keutzing) Ralfs 1848  
Porcupine Pond, Two-spot Pond I.
- C. venus* var. *incurvum* (de Brebisson) Kreiger 1937  
Green Pond. (M)
- \**Cosmarium abbreviatum* Raciborshica 1885  
Mary's Lake. Mesotrophic lake. (P)
- C. angulare* Johnson 1894  
Bohall Lake.
- C. angulosum* de Brebisson 1856  
Green Lake.
- C. bireme* Nordstedt 1879  
Pine Pond.
- C. botrytis* (Meneghini) Ralfs 1848  
Mary's Lake.
- C. commissurale* de Brebisson 1840  
Pine Pond.
- C. connatum* de Brebisson *in* Ralfs 1848  
Deming Pond.
- C. contractum* Kirchner 1878  
Green Lake, Itasca, Pine Pond.
- C. contractum* var. *ellipsideum* (Elfv.) West *et* West 1902  
East Entrance Pond.
- C. crenatum* Ralfs 1844  
Squaw Lake.
- C. depressum* (Nagli) Lundell 1871  
Long Lake, Lake Itasca.
- C. eloisianum* var. *depressum* West *et* West 1896  
Deming Pond.

- C. granatum* de Brebisson *in* Ralfs 1848  
Pine Pond.
- \**C. humile* (Gay) Nordst. 1889  
Deer Park Lake. Eutrophic pond. (P)
- C. impressulum* Elfv. 1881  
Long Lake, Elk Lake, Deer Park Lake.
- C. margaritatum* (Lundell) Roy-Bissett 1886  
Green Lake.
- C. margaritatum* var. *minor* (Boldt) West *et* West 1897  
Deming Pond.
- C. moniliferum* (Turpin) Ralfs 1848  
Pine Pond.
- C. moniliferum* var. *limneticum* West *et* West 1908  
Pine Pond.
- C. moniliforme* fm. *panduriformis* Heimerl 1891  
Pine Pond.
- C. ornatum* Ralfs 1848  
Pine Pond.
- \**C. pachydermum* Lundell 1871  
McKenna Lake. Eutrophic Lake. (P)
- C. phaseolus* var. *minor* Boldt 1885  
Pine Pond.
- C. portianum* Archer 1860  
Green Lake.
- \**C. protractum* (Naegli) De Bary 1858  
DeSota Lake. Eutrophic Lake. (P)
- \**C. pseudonitidulum* var. *validum* West *et* West 1905  
Deer Park. Eutrophic pond. (P)
- C. punctulatum* de Brebisson 1856  
Elk Lake.
- C. punctulatum* var. *subpunctulatum* (Nordstedt) Borg 1894  
Bohall Lake.
- \**C. pygmaeum* var. *perornuatum* Skuja 1955  
McKenna Lake. Eutrophic lake. (P)

- C. pyramidatum* var. *transitorium* (Heimerl) Irene-Marie 1938  
Pine Pond.
- C. quadrisarum* Lundell 1871  
Green Lake, Itasca Lake.
- C. regnellii* Wille 1884  
East Twin Lake, Green Lake.
- C. reginesi* Reinsch 1867  
Pine Pond.
- C. reniforme* (Ralfs) Archer 1876  
Red Lake Bog.
- C. suberenatum* Hantzsch 1861  
Deer Park Lake, McKenna Lake.
- C. subdelanatum* Schmidle 1898  
Bohall Lake.
- C. subtumidum* Nordstet in Wittrock et Nordstedt 1878  
Elk Lake, Pine Pond.
- C. taxichondrum* Lundell 1871  
Porcupine Pond, 0.2 mi. north of East Entrance.
- \**C. tumidum* Lundell 1871  
McKenna Lake. Eutrophic lake. (P)
- C. turpinii* var. *podolicum* Gutwinski 1890  
West Park Drive, Stephen's Pool.
- C. variolatum* Lundell 1871  
Deming Pool.
- Cosmocladium hitchcockii* (Wolle) G. M. Smith 1924  
0.2 mi. north of east entrance.
- C. saxonicum* DeBary 1865  
Pond 0.5 mi. east of Twin Lake Junction on south side of  
Two-spot Trail, 0.3 mi. Pond.
- Desmidiium aptogonum* de Bribisson 1835  
Porcupine Pond, Elk Lake.
- D. baikteu* (Ralfs) Nordstedt 1880  
Pond 0.6 mi. of east entrance.

*D. grevelii* (Keutzing) DeBary 1858  
Deming Pond, Porcupine Pond, Two-spot I - sedge mat.

*D. schwartz* (C. A. Agardh) Ralfs 1848  
Porcupine Pond.

*D. schwartzii* var. *amblyodon* (Itz.) Rabenhorst 1863  
Stephen's Pool.

*Docidium undulatum* Bailey 1851  
0.3 mi. Pond. Eutrophic pond. (M)

*Euastrum bidentatum* Nageli 1849  
Squaw Lake, Pine Pond, Deming Pool.

*E. binale* (Turpin) Ralfs 1848  
Green Lake - Itasca.

*E. binale* fm. *minor* W. West 1889  
Bohall Lake.

*E. didelta* (Turpin) Ralfs 1848  
Deming Pond, Darling Pond.

*E. elegans* (de Brebisson) Ralfs 1848  
Pine Pond.

*E. evolutum* var. *integrius* West et West 1896  
Darling Pond, Deming Pond.

*E. insulare* (Wittrock) Roy 1877  
Pine Pond.

*E. sinuosum* (Lenorm) Ralfs 1848  
Porcupine Pond.

*E. subornatum* West et West 1896  
Green Lake - Itasca.

*E. verrucosum* Ehrenberg 1834  
Two-spot Pond I.

*Hyalotheca dissiliem* (Smith) de Brebisson in Ralfs 1948  
Pool across from Stephen's Pond on West Park Drive.  
Pine Pond, Porcupine Pond, Darling Pond.

*H. mucosa* (Mertens) Ralfs 1848  
Pine Pond, Lake Itasca, 1.2 mi. Pond, DeSoto Lake.

- Micrasterias apiculata* var. *fimbriata* (Ralfs) Nordstedt 1888  
Bohall Lake.
- M. conferta* Lundell 1871  
Deming Pond.
- M. crux-melitensis* var. *simplex* Roll 1925  
Deming Pond, Hall Pond.
- M. laticeps* Nordstedt 1869  
Red Lake Bog, Two-spot Pond II.
- M. makabuleshwaoensis* Hobson var. *dichatoma* Smith 1922  
Bohall Lake.
- M. monbii* (Agardh.) Ralfs 1848  
Deming Pond.
- M. papillifera* de Brebisson in Ralfs 1848  
Porcupine III.
- M. pinnatifida* (Kütz) Ralfs 1848  
Pine Pond, Red Lake Bog.
- M. pinnatifida* var. *quadrata* (Bailey) Krieger in Berg 1918  
Deming Pond.
- M. radata* Hassall 1845  
Pine Pond, Squaw Lake, Darling Pond, Two-spot II pool.
- M. radiata* var. *dichotoma* (Wolle) Cushman 1908  
Deming Pond, Elk Lake.
- \**M. radiata* var. *simplex* (Wolle) Smith 1924  
Green Lake. Small mesotrophic lake. (M)
- M. sol* var. *aculeata* Krieger 1939  
Deming Pond, Two-spot II pool.
- M. sol* var. *elegantior* G. S. West 1914  
Pine Pond.
- \**M. truncata* (Corda) de Brebisson in Ralfs 1848  
Darling Pond. Dystrophic sphagnum bog. (M)
- \**M. truncata* var. *semiradiata* (Nag) Cleve 1863  
Green Lake, McKenna Lake. Eutrophic lake and pond. (M-P)
- Netrium digitus* (Ehrbg.) Itzigs. et Rothe 1856  
Green Lake - Itasca, Two-spot Pond I.

- Onychonema laeve* Nordstedt 1870  
Two-spot Pond I -- sedge mat.
- O. laeve* var. *latum* West et West 1896  
Porcupine Pond.
- O. laeve* var. *micranthum* Nordstedt 1870  
Pool across from Spencer's Pond on West Park Drive.
- Pleurotaenium chrenbergii* (de Brebisson) DeBary 1858  
Pine Pond, Hall Pond.
- \**P. minutum* (Ralfs) Deponte 1878  
0.3 mi. Pond. Eutrophic pond. (M)
- P. trabecula* (Ehrenberg) Nageli 1849  
0.2 mi. Pond.
- Spondylosium moniliforme* Lundell 1871  
Pine Pond.
- S. planum* (Wolle) West et West 1912  
Two-spot Pond II.
- \**S. pulchellum* Archer 1858  
Deer Park Lake. Eutrophic pond. (M)
- S. secedens* (DeBray) Archer 1858  
Green Lake.
- Staurastrum anatinum* Cooke et Wills, 1880  
Demming Pond, Pine Pond, Porcupine Pond.
- S. anatinum* var. *controversum* (de Brebisson) Brook 1959  
Demming Pond, Darling Pond, 0.2 mi. north of east entrance,  
Lake Alice ditch, Bohall Lake, Pine Pond.
- S. anatinum* fm. *parva* Brook 1959  
0.2 mi. north of east entrance.
- S. anatinum* fm. *vestitum* Brook 1959  
Pine Pond, Stephen's Pool.
- \**S. anchora* West et West 1896  
McKenna Lake, Darling Pond. Eutrophic lake and dystrophic pond. (M)

- S. ankyroides* var. *pentacladum* G. M. Smith 1924  
Green Lake.
- S. arachne* Ralfs 1845  
Green Lake, Demming Pond, Pine Pond, Porcupine Pond, Darling Pond.
- S. arctiscon* (Ehrenburg) Lundell 1873  
Two-spot pond I, Demming Pond, Elk Lake.
- S. avicula* de Brebisson in Ralfs 1848  
Two-spot Pond I.
- S. bicornis* Hauptfleisch 1888  
Hall Lake, Pickerel Lake, DeSoto Lake.
- \**S. boreale* var. *plancotonicum* Brook 1959  
McKenna Lake. Eutrophic lake. (P)
- S. borgeanum* Schmidle 1898  
Two-spot Pond I.
- S. brachiatum* Ralfs 1845  
Pine Pond, Demming Pond, Darling Pond, Two-spot Pool II.  
Eutrophic and dystrophic ponds. (M)
- \**S. brasiliense* var. *lundellii* West et West 1896  
Demming Pond. Dystrophic pond. (P)
- \**S. brebissonii* Archer in Pricherd 1861  
Darling Pond. Sphagnum bog. (M)
- S. bullardii* G. M. Smith 1924  
Elk Lake.
- S. cingulum* (West et West) G. M. Smith 1924  
Lake Itasca. Plankton.
- S. contriversum* deBrebisson in Meneghini 1840  
Pond 0.5 mi. east of Twin Lake Junction on south side of Two-spot Trail.
- S. cornutum* Archer 1881  
Pine Pond, Porcupine III.
- S. crenulatum* (Naegeli) Delponte 1878  
0.2 mi. north of east entrance. Bohall Lake.
- S. cyathipes* Scott et Gronblad 1957  
Pine Pond.

- \**S. cyrtocentrum* de Brebisson *in* Ralfs 1848  
0.2 mi. east entrance, Pind Pond. Typha marsh. Eutrophic ponds & typha marsh. (M)
- S. cyathipes* Scott *et* Gronblad 1957  
Pine Pond.
- S. denticulatum* (Naegeli) Archer 1861  
Bohall Lake, Darling Pond.
- S. dilatatum* Ehrenberg 1838  
Green Lake, Itasca Lake.
- \**S. elongatum* Baker 1869  
Pine Pond. Eutrophic pond. (M)
- \**S. floriferum* West *et* West 1896  
DeSota Lake, Lake Sallie. Eutrophic lakes. (P)
- S. forficulatum* Lundell 1871  
0.6 mi. west of east park entrance, Porcupine Pond, Darling Pond.
- S. furcatum* (Ehrenberg) de Brebisson 1856  
Green Lake, Itasca Lake, Darling Pond, Pine Pond.
- S. furcatum* var. *pisciforme* Turner 1894  
0.5 mi. from end of Two-spot Trail Junction, Bohall Lake.
- S. furcatum* var. *subsenarium* West *et* West 1894  
Bohall Lake.
- S. furcigerum* deBrebisson 1840  
Demming Pond, Darling Pond, Arco Lake, DeSoto Lake,  
Pine Pond west, Grene Lake.
- S. furcigerum* var. *armigerum* (deBrebisson) Nordstedt 1888  
Demming Pond, Porcupine Pond III, Darling Pond.
- S. gracile* Ralfs 1848  
West Twin Lake.
- S. gracile* var. *nanum* Wille 1880  
Pine Pond.
- S. gallatorium* Nordstedt 1869  
Demming Pond.
- S. gallatorium* var. *forcipigerum* Lagerhein 1886  
Demming Pond.
- S. hexacerum* (Ehrenberg) Wittrock 1872  
Pine Pond.

- S. hexacerum* (Ehrenberg) Wittrock 1872  
Squaw Lake.
- S. inconspicuum* Nordstedt 1872  
Green Lake, Darling Pond, Budd Lake, 0.6 mi. Pond.
- S. inflexum* de Brebisson 1856  
Green Lake, Budd Lake.
- S. iotatum* Wolle 1884  
Green Lake.
- S. iotatum* var. *perpendiculatum* Gronblad 1920  
West of east entrance Pond.
- S. Johnsoni* West et West 1896  
Green Lake, Elk Lake, Itasca Park, DeSoto Lake.
- S. leptocladum* Nordstedt 1889  
Pine Pond, Porcupine Pond, Porcupine Pond III, Darling Pond.
- S. luetkemulleri* var. *urnaeforme* Lundb. in Teiling 1949  
Bohall Lake.
- S. lunatum* Ralfs 1848  
East entrance Pond.
- S. maamense* Archer 1896  
Pine Pond, Porcupine Pond, Two-spot Pond II.
- S. manfeldtii* Delponte 1877  
East Twin Lake, Pine Pond, East Entrance Pond, Elk Lake,  
Lake Itasca.
- S. manfeldtis* var. *planctonicum* Lutkemüller in Gronblad 1942  
Pond 0.5 mi. east of Twins Lake Junction on south side of Two-spot Trail, Desoto L.
- S. margaritaceum* (Ehrenberg) Meneghini 1840  
Bohall Lake.
- S. micron* W. West in West et West 1896  
Arco Lake.
- S. micron* fm. *major* Brooks 1959  
Darling Pond, Pine Pond.
- S. minnesotense* Wolle 1884  
Demming Pond, Darling Pond.
- S. muticum* de Brebisson in Meneghini 1840  
Green Lake, East Entrance Pond.

- S. natator* W. West 1892  
Demming Pond, Pine Pond.
- S. ophiura* Lundell 1871  
Pine Pond.
- S. orbiculare* Ralfs 1848  
0.6 mi. Pond, Pine Pond, Lund's Pond.
- S. oxycanthum* var. *sibiricum* (Boldt) Borge 1906  
Red Lake Bog.
- \**S. pachyrkynchum* Nordstedt 1875  
Darling Pond, Sphagnum bog. (M)
- S. pingue* Teiling 1942  
Lake Itasca. (P) Elk Lake, Mary Lake, Demming Pond.
- S. pinnatum* var. *subpinnatum* West et West 1902  
Demming Pond.
- S. protectum* West et West v. *planktonicum* G. M. Smith 1922  
Demming Pond.
- S. pseudopelagicum* West et West 1903  
Pine Pond.
- \**S. pseudosebaldi* Wille 1880  
McKenna Lake. (P)
- S. quebecense* Irene-Marie 1938  
Pine Pond, Bohall Lake.
- S. ravenellii* var. *spinulosum* Irene-Marie 1938  
Demming Pond.
- S. rotula* Nordstedt 1869  
Darling Pond, Red Lake Bog.
- S. rugosum* Irene-Marie 1938  
Hall Lake.
- S. seticerum* Cleve 1864  
Pine Pond.
- \**S. setigerum* var. *pectinatum* West et West 1896  
Darling Pond. Sphagnum bog. (M)
- S. spiculiferum* G. M. Smith 1924  
Pickerel Lake, Bohall Lake.

- S. spinulosum* de Brebisson *in* Ralfs 1846  
Porcupine Pond.
- S. spongiosum* de Brebisson *in* Ralfs 1846  
Two-spot Pond I.
- S. sublaevispinum* W. West 1892  
Darling Pond, Demming Pond, Pine Pond.
- \**S. subscarbrum* Nordstedt 1879  
Budd Lake. Mesotrophic lake. (M)
- S. tetracerum* Ralfs 1845  
Green Lake, Lake Itasca, Demming Pond, Porcupine Pond.
- S. tetracerum* var. *evolutum* West *et* West 1905  
Green Lake.
- S. tetracerum* fac. *trigonum* (Lundell) Meyer *et* Brook 1968  
East Entrance Pond.
- S. tohopekaligense* fac. *triradiata* (West *et* West) Brook 1958  
Demming Pond, Pine Pond.
- S. trifidum* var. *inflexum* West *et* West 1896  
East Entrance Pond.
- \**S. wolleanum* Butler *in* Wollé 1892  
Demming Pond, Deer Park, McKenna Lake. Eutrophic lake and ponds. (P)
- \**S. wolleanum* var. *heptacanthum* Ireneé-Marie 1957  
Demming Pond. Eutrophic pond. (M)
- Staurodesmus aristiferus* (Ralfs) Thomasson 1960  
Porcupine Pond.
- S. apiculatus* (de Brebisson) Florin 1957  
Arco Lake.
- S. bieneanus* (Rabenhörset) Florin 1957  
Pine Pond.
- S. brevispinus* (de Brebisson) Florin 1957  
Pine Pond, East Entrance Pond, Bohall Lake.

- S. bulnheimii* (Racibroski) Brook 1958  
Porcupine Pond, Darling Pond.
- S. bulnheimii* var. *subincus* (West et West) Brook 1958  
Darling Pond, Pine Pond.
- S. convergens* (Ehrenberg) Florin 1957  
Demming Pond, Darling Pond.
- S. curvatus* (West) Thunmen 1952  
Darling Pond.
- S. curvatus* var. *elongatus* (Smith) Brooks 1958  
East Entrance Pond.
- S. cuspidatus* (de Brebisson) Teiling 1946  
Pine Pond.
- S. cuspidatus* var. *canadense* (Teiling) Brooks 1958  
Darling Pond, Mary's Lake, Elk Lake.
- \**S. cuspidatus* var. *divergens* (Nordstedt) Teiling 1946  
Demming Pond. Eutrophic pond. (P)
- \**S. cuspidatus* fac. *triangularis* Brook 1958  
Arco Lake, Green Lake, Porcupine Pond. Mesotrophic and eutrophic ponds. (P)
- S. dejectus* (de Brebisson) Teiling 1948  
Bohall Lake.
- S. dejectus* var. *inflatus* (West) Teiling 1954  
East Entrance Pond.
- S. dickei* var. *circulare* (Turner) Teiling 1948  
Arco Lake, Pine Pond, Porcupine Pond, 0.2 mi. north of East Entrance,  
Lake Alice Ditch, Pine Pond, Demming Pond, Irene Lake.
- S. dickei* var. *maximus* (West et West) Thomasson 1963  
East Entrance Pond, Elk Lake.
- S. dickei* var. *rhomboidum* (West et West) Lilier 1950  
Pine Pond.
- S. extensus* (Anders) Teiling 1948  
Budd Lake.
- \**S. extensus* var. *joshuae* (Gutwinski) Teiling 1967  
Demming Pond. Eutrophic pond. (M)

- S. glabrus* var. *ralfsii* fac. *biradiata* Meyer et Brook 1968  
Demming Pond.
- S. glabrus* var. *ralfsii* fac. *triradiata* Meyer et Brook 1968  
Demming Pond.
- \**S. grandis* (West) Teiling 1967  
Budd Lake. Megotrophic lake. (P)
- S. grandis* var. *parvus* (W. West) Teiling 1967  
Demming Pond.
- S. grandis* var. *rotundatum* (West et West) Teiling 1967  
Demming Pond, Porcupine Pond.
- \**S. leptodermus* var. *corniculatus* (Lundell) Thomasson 1960  
Red Lake, Porcupine Pond. Eutrophic pond and sphagnum bog. (M)
- S. megacanthus* (Lundell) Thunman 1952  
Demming Pond, Darling Pond, DeSoto Lake.
- \**S. phimus* (Turner) Thomasson 1959  
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- \**S. subulatus* (Kuetzing) Thomasson 1960  
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- Teilingii granulata* (Roy et Blissett) Bourrelly 1964  
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- \**Tetmemorus brebissonii* (Meneghini) Ralfs 1844  
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- X. antilopaeum* var. *dimazum* Nordstedt 1873  
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