

LIMNANTHACEAE, Meadow-foam Family

1. FLOERKEA Willd. False Mermaid

Diffuse delicate glabrous herb; leaves pinnately divided into narrow lobes; flowers small, hypogynous, bisporangiate, solitary in axils, stalked; sepals 3, separate; corolla regular; petals 3, separate, white, about 2 mm long, shorter than sepals; stamens 6; carpels 3 or 2, ovaries separate or nearly so, styles arising from base of ovaries, united at base but separate at top; carpels separating, each 1-seeded, indehiscent.

1. *Floerkea proserpinacoides* Willd.

False Mermaid

Delicate glabrous herb; leaves pinnately divided into lobes; sepals 3; petals 3, white, shorter than sepals; fruit tuberculate. Moist woodlands.

REFERENCES: Riddell 1836:4 (*Floerkea uliginosa* Muhl., Worthington); Sullivant 1840:16; Craig 1890:72 (very abundant in the woods and is found sparingly near the island, grows luxuriantly in damp shady places, 17 May 1882, 28 Apr 1889); Selby & Craig 1890:8; Cooperrider 1995:57 (illus. p. 56).

HERBARIUM RECORDS: 1840—Cols., *Sullivant*; 19 May 1883—Olentangy R., University Farm, *Devol*; 11 May 1885—near Cols., *Landis* (WOOS); 1890—OSU woods, Cols., *Selby*; May 1891—Central College, *Selby* (OS, WOOS); 12 May 1892—Franklin Co., *Werner*; Spring 1898—Cols., *J. H. Schaffner*; 14 May 1961—woods N of Big Bear supermarket, Olentangy R. floodplain, Cols., *Cusick*; 14 May 1972—woods near Gahanna, *Bartley* (BHO); 20 Apr 1973—floodplain of Scioto R. ½ mi. S of Dublin on E side at end of Martin Rd., Perry Twp., *Roberts 3303*; 26 Apr 1973—Don Scott Airfield, wet woods on NW side, Perry Twp., *Roberts 3359 & 3364*; 1 May 1982—Blendon Woods, *Owens*; 13 Apr 1986—Highbanks Metro Park (Delaware Co.), damp woods, day camp area, *Morawetz 2* (OS, OWU); 2 May 1987—Battelle-Darby Creek Metro Park, along Big Darby Creek, 3 mi. S of Rt. 40, *T. Lammers 6093*; 13 May 1989—floodplain woods along W side of Big Darby Creek, approx. ¼ mi. S of Rt. 665, Pleasant Twp., Harrisburg Quad., *McCormac 565*; 21 Apr 1992—Camp Mary Orton (Godman Guild), along Olentangy floodplain, N of Worthington, W of Rt. 23, Sharon Twp., *Lowden 4923*.

BALSAMINACEAE, Touch-me-not Family

1. IMPATIENS L. Jewel-weed, Touch-me-not

Succulent herbs; leaves alternate or whorled, simple; flowers hypogynous, bisporangiate, zygomorphic; sepals 3, the lower one saccate, spurred at base; petals 5, the lateral ones united in pairs, each pair appearing as one lobed petal; stamens 5; carpels 5, united, style 1; ovary 5-loculed; capsule elastically dehiscent.

- a Flowers yellow or orange, solitary or in clusters of a few in axils of crenate-serrate long-petioled leaves.
- b Flowers orange-yellow with red-brown mottlings; spur about 8 mm long, lying parallel with the sac; sac longer than wide. 1. *I. capensis*
- b' Flowers pale yellow, sometimes sparingly dotted; spur about 5 mm long, lying at right angle to sac; sac almost as wide as long. 2. *I. pallida*
- a' Flowers purple, rose, or white, solitary or few in axils of sharply toothed short-petioled leaves. 3. *I. balsamina*

1. *Impatiens capensis* Meerb.

Orange Touch-me-not, Jewel-weed

Flowers orange-yellow with red-brown mottlings; spur about 8 mm long, lying parallel with sac. Syn.: *I. biflora* Willd., *I. fulva* Nutt.

REFERENCES: Riddell 1834:119; Sullivant 1840:16; Craig 1890:53, 72 (#82, found with *Impatiens pallida*, but is not so common, grows S of the lake, 19 Jun 1887; University Farm Sep 1887); Selby & Craig 1890:8; Cooperrider 1995:84 (illus. p. 85).

HERBARIUM RECORDS: 1840—Cols., *Sullivant*; Aug 1888—Cols., *Craig*; 7 Sep 1890—Lake Park, Cols., *Selby*; 20 Aug 1892—Cols., *Bogue*; 1911—¾ mi. NE of Westerville, damp woods, *Hanawalt*; 19 Jul 1982—Blendon Woods, common along woodland trails, *Owens*; 21 Sep 1986—Highbanks Metro Park (Delaware Co.), *Higgins*; Summer 1988—OSU campus along the Olentangy R., *DeLong*; Summer 1988—along Big Darby Creek between I-70 & Little Darby Creek, Galloway Quad., *DeLong*; 28 Aug 1989—N bank of Little Darby Creek, Battelle-Darby Creek Metro Park, off Gardner Rd., opposite Georgesville, Pleasant Twp., *Lowden 4306*.

2. *Impatiens pallida* Nutt.

Pale or Yellow Touch-me-not, Jewel-weed

Flowers pale yellow; spur about 5 mm long, lying at right angle to sac.

REFERENCES: Riddell 1834:119; Sullivant 1840:16; Craig 1890:72 (both this and [*Impatiens capensis*] are common in damp situations near the river, very abundant just S of the Catalpa grove; 11 Jul 1882, 6 Aug 1884); Selby & Craig 1890:8; Cooperrider 1995:84 (illus. p. 85).

HERBARIUM RECORDS: Aug 1888—Cols., *Craig*; Summer 1889—Cols., *Weed*; 26 Jul 1890—Cols., *Hine* (WOOS); 20 Apr 1892—Cols., *Bogue*; 21 Sep 1895—S Cols., *Osburn*; 31 Aug 1982—Blendon Woods, *Owens*; 6 Sep 1986—Highbanks Metro Park (Delaware Co.), *Higgins*; 16 Jun

ERODIUM
FLOERKEA
IMPATIENS
ARALIA
PANAX

