

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, Devoil; 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.

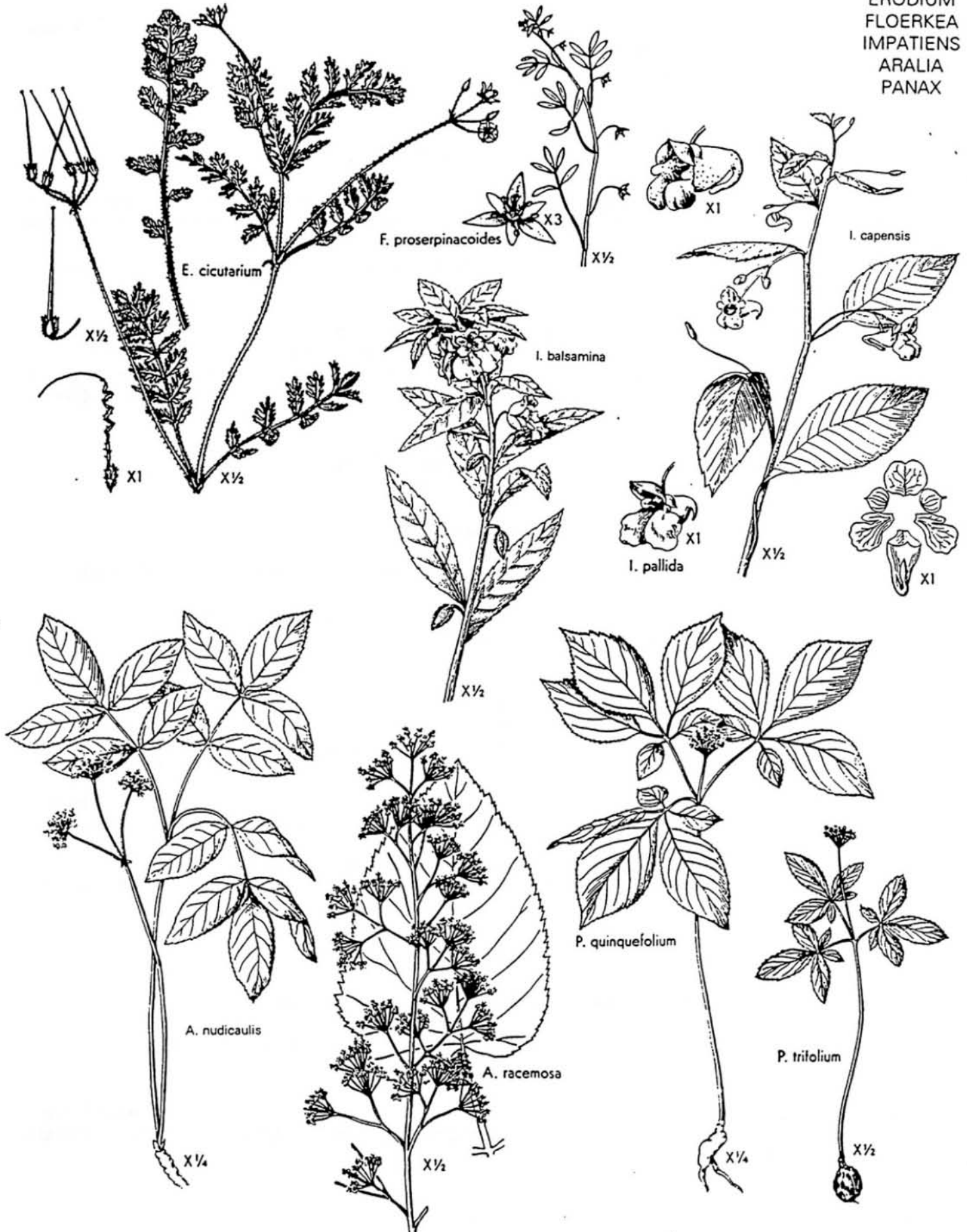
Pale or Yellow Touch-me-not, Jewel-weed

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



1987—Worthington, Ohio, bike path ¼ mi. N of Rt. 161 along Olentangy R., *M. Hoffman 1*; 19 Jul 1989—Antrim Park, Sharon Twp., *Lowden 4208*;
24 Aug 1989—jct. of Starret Rd. & Henderson Rd. along the Olentangy R., Cols., Clinton Twp., *Lowden 4287*.

3. **Impatiens balsamina* L.

Garden Touch-me-not, Balsam

Frequently cultivated (native of S Asia)

REFERENCE: Riddell 1834:119 (*Impatiens balsamica*, naturalized).

NOTE: No specimens seen from Franklin Co. Not mentioned for Franklin Co. by Cooperrider 1995:83.

ARALIACEAE, Ginseng Family

Trees, shrubs, and herbs; leaves alternate or whorled, compound to decomposed, or sometimes simple; flowers small, epigynous, bisporangiate or some bisporangiate and some monosporangiate, in solitary or clustered umbels; sepals 5, minute, or represented by only a rim; petals 5, separate; stamens 5; stamens and petals from edge of epigynous disk or short hypanthium; carpels 2-5, united; styles, stigmas, and locules as many; ovule 1 in each locule; placentation axile; fruit a berry.

Ivy or English Ivy (*Hedera helix* L., native of Europe; not mapped for Franklin Co. by Cooperrider 1995:204, illus. p. 203) is cultivated and even escapes (Whetstone Park Ravine). This creeping to climbing vine has 3-5 lobed or unlobed leaves, evergreen, often white-veined, forming extensive wall or ground cover (16 Aug 1898—S side of Greenhouse, OSU Bot. Garden, cult., *J. H. Schaffner*; Nov 1902—Cols., *Allen*; 23 Sep 1932—Broad St., M. E. Church, cult., *Waller*).

a Styles 5; leaves alternate or basal, decomposed; umbels clustered. 1. **ARALIA**

a' Styles 2 or 3; leaves whorled, compound; umbel solitary. 2. **PANAX**

1. ARALIA L.

Herbs, shrubs, or trees, leaves often very large; petals green or white; styles 5; berry black or dark-purple.

a Solitary leaf and leafless peduncle arising from rhizome; umbels 2-7, often 3. 1. *A. nudicaulis*

a' Stem leafy; umbels many, in panicle or raceme. 2. *A. racemosa*

1. *Aralia nudicaulis* L.

Wild Sarsaparilla, False Sarsaparilla

Herbs, not prickly; leaf solitary, decomposed; peduncle arising from rhizome, umbels 3.

REFERENCES: Riddell 1834:116; Sullivant 1840:8; Selby & Craig 1890:10; Cooperrider 1995:202 (illus. p. 201).

HERBARIUM RECORDS: 10 Aug 1890—Big Walnut Creek, *E. V. Wilcox*; 11 Aug 1890—Blendon Corners, *E. V. Wilcox*; 5 Sep 1890—Central College, *E. V. Wilcox*; 15 Oct 1902—Neil's Run, Cols., *Jennings*; 1930—Red Hills Region, opposite Central College, *Chapman, Gordon & Heffner*.

2. *Aralia racemosa* L.

Spikenard

Herbs, not prickly; stem leafy, glabrous (not bristly-hispid); leaflets ovate to circular, cordate to truncate at base; umbels many in panicle or raceme.

REFERENCES: Riddell 1834:116; Sullivant 1840:8; Selby & Craig 1890:10; Cooperrider 1995:199 (illus. p. 201).

HERBARIUM RECORDS: 19 Sep 1888—Cols., *Selby*; 7 Aug 1890—Rocky Fork, *Selby*; 28 Aug 1891—near Cols., *E. V. Wilcox*; 27 Aug 1901—Georgesville, *Coberly*.

2. PANAX L. Ginseng

Herbs; leaves in a single whorl of usually 3, palmately compound; umbel solitary.

a Leaflets 5, with stalks; styles usually 2; berry red, about 1 cm in diameter. 1. *P. quinquefolium*

a' Leaflets 3-5, sessile; styles usually 3; berry yellow, about 5 mm in diameter. 2. *P. trifolium*

1. †*Panax quinquefolium* L.

American Ginseng

Herbs; leaves palmately compound, 3-4 in a single whorl; leaflets 5, upper 3 long-stalked; flowers and fruits in a single umbel; berry red.