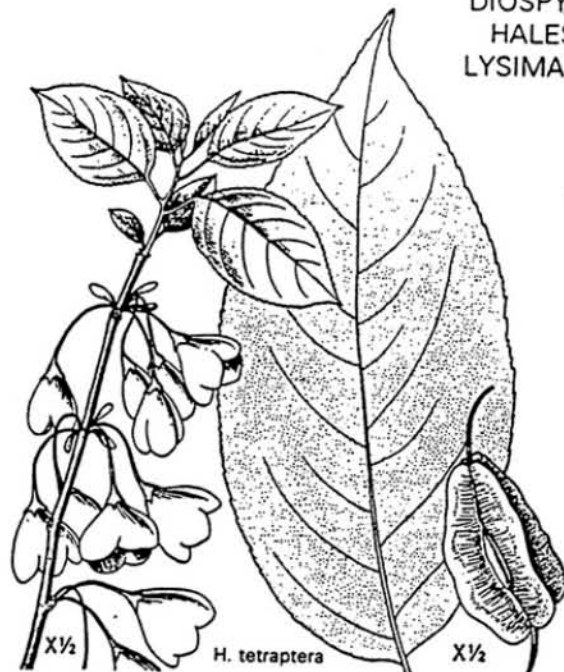


DIOSPYROS
HALESIA
LYSIMACHIA



Native (or persisting from cultivation)

Tree; functionally dioecious; flowers minute, greenish-yellow; leaves alternate, simple; blades lacking teeth, usually widest at or below the middle; fruit a berry, dull-yellowish-orange.

REFERENCES: Sullivant 1840:27; Selby & Craig 1890:12; Braun 1961:304 (illus. p. 304); Cooperrider 1995:281 (illus. p. 283).

HERBARIUM RECORDS: Oct 1891—near Big Darby, Cols., Selby; [date?]-Westerville, Hicks; 6 Oct 1928—cult., OSU campus, Hicks.

STYRACACEAE, Storax Family

Shrubs or small trees; pubescence often stellate; leaves alternate, simple; flowers epigynous, bisporangiate; calyx entire or lobed; corolla regular; stamens twice corolla lobes or more, their bases united; carpels united, locules as many or ovary with septa at base only; style 1.

1. *HALESIA* J.Ellis Silverbell

Flowers in lateral umbel-like clusters, appearing with or before the leaves; pedicels drooping; calyx small, 4-toothed; corolla bell-shaped, 4-lobed, white, 2-2.5 cm long; stamens 8-16, inserted near base of corolla-tube; fruit 4-loculed, 4-winged, dry, indehiscent.

1. *†*Halesia tetraptera* J.Ellis

Silverbell

Cultivated (native to S Ohio)

Tree; leaves alternate, simple; flowers appear before the leaves; sepals and petals 4; corolla 4-lobed, white, bell-shaped; ovary inferior; fruit dry, indehiscent, 4-winged. Syn.: *H. carolina* L., perhaps misapplied

HERBARIUM RECORDS: 9 May 1940—OSU Garden, C. Jones; [date?]-NE of Oxley Hall, OSU, Cols., Cooke & Stuckey; 3 May 1988—OSU campus, S side of SW door into McPhearson Hall, cult., M. Hoffman 55.

NOTE: Not mapped for Franklin Co. by Braun 1961:305 (illus. p. 304) or Cooperrider 1995:282 (illus. p. 283).

PRIMULACEAE, Primrose Family

Herbs; leaves opposite, whorled, alternate, or all basal, simple or rarely pinnately dissected; flowers hypogynous or rarely epigynous; calyx usually 5-lobed (4-7); corolla regular; petals usually 5 (4-7), more or less united at base; stamens as many as petals and opposite them; staminodes sometimes present; carpels 5, united; locule 1; placenta central, free, style 1; fruit a capsule.

a Ovary partly inferior; flowers in terminal racemes or panicles. 3. **SAMOLUS**

a' Ovary superior.

b Petals reflexed; flowers in an umbel on a scape; leaves basal. 4. **DODECATHEON**

b' Petals spreading or erect; flowers not in an umbel; stem leafy.

c Corolla yellow. 1. **LYSIMACHIA**

c' Corolla scarlet, blue, pink, or white. 2. **ANAGALLIS**

1. *LYSIMACHIA* L. Loosestrife

Leaves whorled, opposite, or alternate, sometimes punctate; flower parts in 5's or 6's; petals yellow, sometimes dotted or lined with black or red; corolla campanulate to rotate.

Lysimachia clethroides Duby (native of E Asia) is found in gardens and persists after cultivation in Slate Run ravine (25 Jul 1992—Slate Run Wood Ct. off Henderson Rd., 1½ mi. E of Sawmill Rd., Perry Twp., Lowden 5010; 25 Jul 1993—6170 Middlebury Dr. W, James Lane's garden, cult., Worthington, Lane). It differs from other species by having leaves alternate; flowers are white in a slender terminal spike, the bracts longer than the pedicels.

a Staminodes alternating with the stamens; stamens separate; leaf-blades, petals, and sepals not dotted or lined.

b Blades ovate to lance-ovate, base rounded or subcordate; petioles ciliate. 1. *L. ciliata*

b' Blades linear to lanceolate, tapering to base, sessile or subsessile.