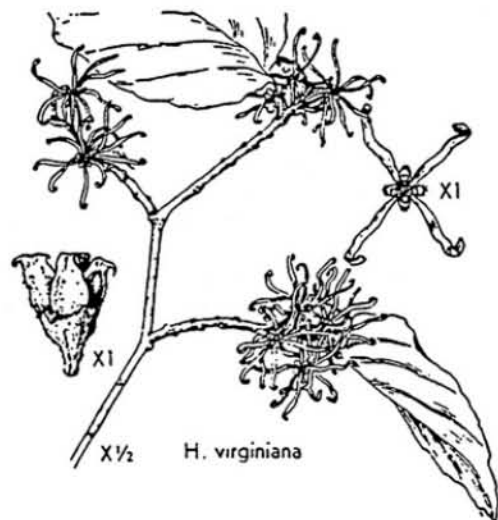
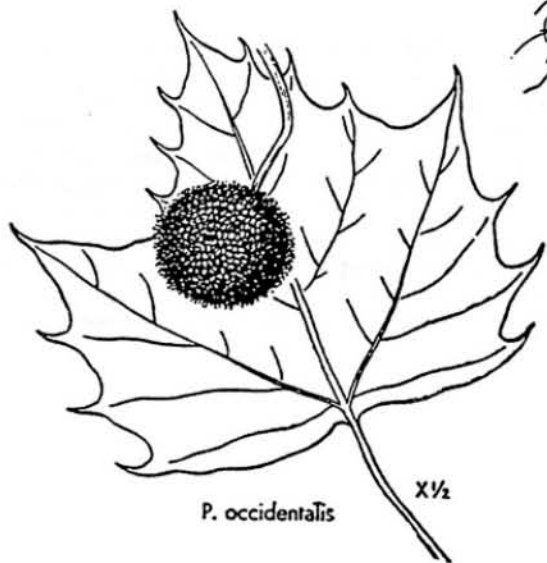
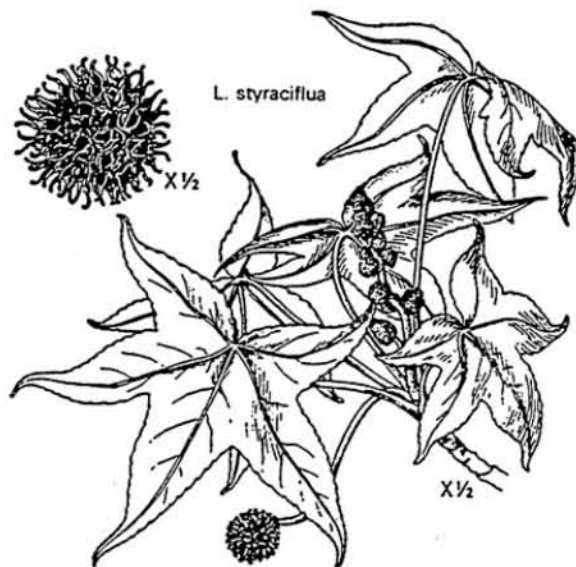
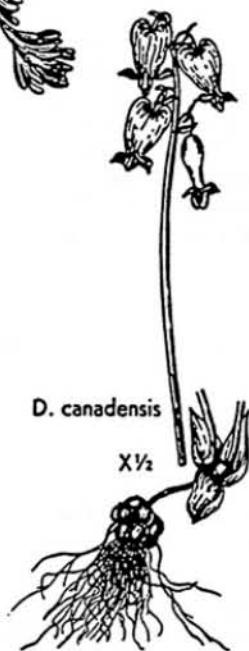
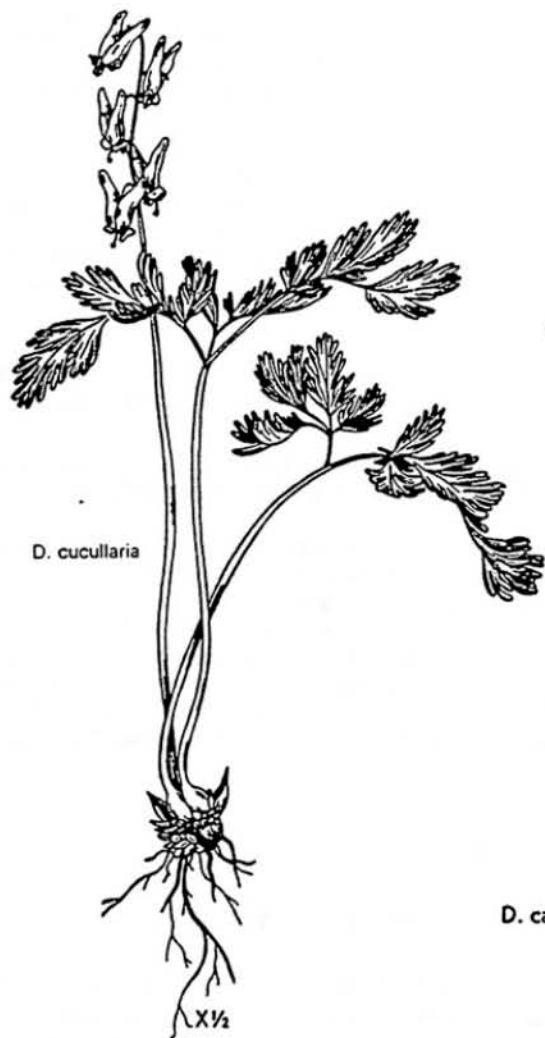


DICENTRA
CORYDALIS
FUMARIA
PLATANUS
LIQUIDAMBAR
HAMAMELIS



Stem diffusely branched; leaves decompose; flowers zygomorphic; sepals somewhat toothed; petals pink- or red-purple with darker tips; fruit 1-seeded, globose, 2-3 mm wide, indehiscent.

1. *Fumaria officinalis* L.

Fumitory

Adventive (native of Europe)

Stems diffusely branched; leaves decompose; flowers zygomorphic; sepals 2, minute, somewhat toothed; petals pink or red-purple, darker at tips; fruit globose, 2-3 mm wide, 1-seeded.

HERBARIUM RECORD: 1837—Cols., *J. Paddock Collection*, I. G. Jones (ILL).

PLATANACEAE, Plane-Tree Family

1. PLATANUS L. Plane Tree

Large trees with peeling bark; leaves alternate, simple, palmately veined and lobed; stipules foliaceous, encircling twig; flowers monosporangiate, the 2 kinds in separate spherical heads on same tree; staminate flower with small calyx, 3-7 stamens, and minute petals, filaments short or none, a fleshy cap at top of anthers; carpellate flower hypogynous, calyx small, petals present or absent, staminodes present, carpels several, separate; fruit an aggregate of achenes.

a Exposed inner bark white; fruiting heads usually solitary. 1. *P. occidentalis*

a' Exposed inner bark greenish or yellowish; fruiting heads 1-3 per peduncle; often planted. 2. *P. × hybrida*

1. *Platanus occidentalis* L.

Sycamore, Button-wood

Large tree, bark peeling, exposed inner bark white; fruiting heads usually solitary; fruit an aggregate of achenes. REFERENCES: Riddell 1834:119 (bottomland); Sullivant 1840:23; Craig 1890:101 (very common on the campus and along the river; some attain a large size, one being 130 feet high and 18 feet in circumference four feet above the ground); Selby & Craig 1890:15; Braun 1961:159 (illus. p. 160).

HERBARIUM RECORDS: 1897—OSU Campus, *Ruppersberg*; 11 May 1901—Marble Cliff, *Mead*; 10 Sep 1901—Cols., *Tyler & Jennings*; 4 Oct 1901—Cols., OSU Campus, *Hartford*; 11 Jun 1937—Hayden Falls, *J. H. Schaffner*; 3 Oct 1965—W bank Olentangy R., ½ mi. S of Henderson Rd. on Rt. 315, *Anderson* (KE); [ca. 1982]—Blendon Woods, common, *Owens*; 30 Aug 1982—Highbanks Metro Park (Franklin & Delaware Cos.), floodplain, *Brauning* 228; 6 May 1984—OSU Campus, *Kattler* 35; 16 Apr 1986—OSU, close to Biological Science Bldg., Cols., *Cooperband* 33; 21 Jul 1986—Highbanks Metro Parks (Franklin Co.), floodplain, *Kosko*; 14 Jun 1989—OSU Campus, behind B&Z bldg., 1735 Neil Ave., Cols., *Lowden* 4189.

2. *Platanus × hybrida* Brot.

London Planetree

Cultivated along streets; planted on the OSU Campus (Trees OSU)

Exposed inner bark greenish or yellowish, fruiting heads 1-3 per peduncle, and the leaves often more truncate or broadly cuneate at the base. Syn.: *P. × acerifolia* (a fertile putative hybrid of *P. occidentalis* and the Old World *P. orientalis* L.)

HERBARIUM RECORDS: 24 Apr 1986—OSU Campus, Millikin Rd., E of Larkins Hall, Cols., *Hollander* 016; 29 Apr 1988—OSU campus, W of B&Z Bldg., N of greenhouse, *M. Hoffman* 37.

NOTE: See Braun 1961:159.

HAMAMELIDACEAE, Witch Hazel Family

Trees and shrubs with alternate simple leaves; flowers monosporangiate or bisporangiate; perianth regular, of 4 sepals and 4 petals, or none; stamens 4-many; carpels 2, united, styles 2, ovary 2-loculed, partly inferior.

a Leaves palmately veined, palmately lobed; petals none; flowers in dense globular clusters. 1. LIQUIDAMBAR

a' Leaves pinnately veined, margins repand; petals 4, yellow, linear; flowers in small axillary clusters.

2. HAMAMELIS

1. LIQUIDAMBAR L. Sweet or Red Gum