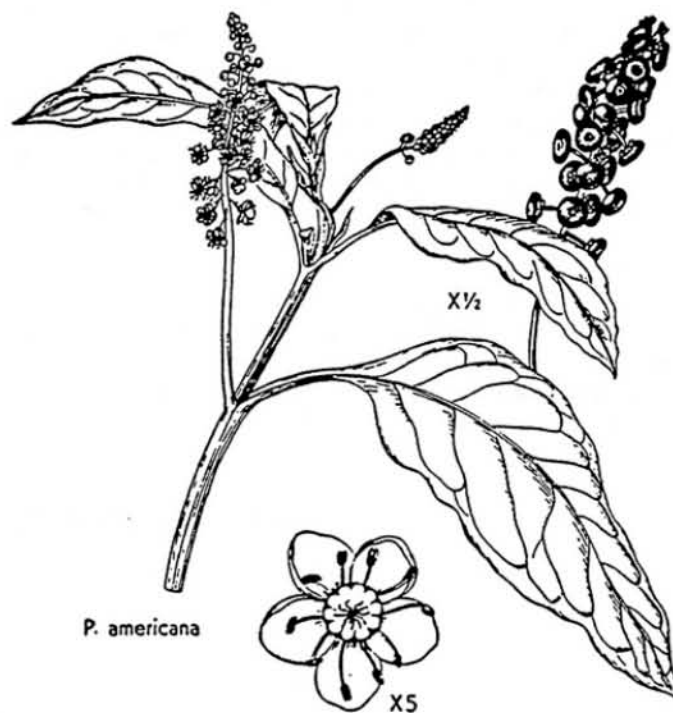
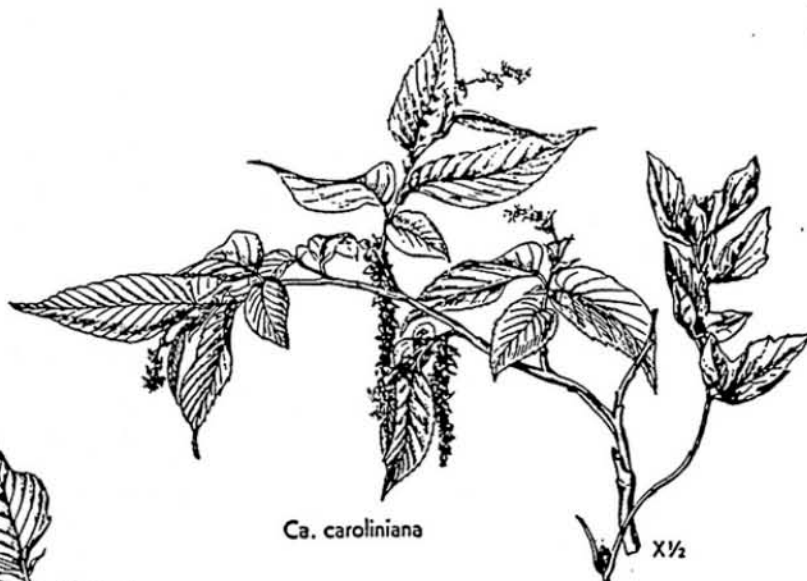


CORYLUS
OSTRYA
CARPINUS
BETULA
ALNUS
PHYTOLACCA



PHYTOLACCACEAE, Pokeweed Family

1. PHYTOLACCA L. Pokeweed

Large erect glabrous herb; leaves alternate, blades ovate or oblong, entire; flowers usually bisporangiate, hypogynous, about 1 cm wide or less, in racemes; perianth regular, of 5 separate green, white, or pink sepals; petals none; stamens usually 10; carpels usually 10, united in a ring; styles, stigmas, and locules 10; fruit a 10-seeded dark-purple berry.

1. *Phytolacca americana* L.

Pokeweed, Poke-berry, Pigeonberry

Plants smooth, becoming tall; ovary green; berries maturing in long racemes, dark purple. Syn.: *P. decandra* L.
REFERENCES: Riddell 1834:120; Sullivant 1840:25; Craig 1890:54, 98 (a specimen near horticultural hall and a few about the island, 11 Jul 1882, 16 Jun 1887, 9 Jun 1888, 10 Jun 1889; University Farm Sep & Oct 1887); Selby & Craig 1890:14.
HERBARIUM RECORDS: 23 Aug 1882—Olentangy R., *W. Green*; 188—Cols., *Craig*; Jul 1888—Cols., *Craig*; 24 Jul 1890—Cols., *Hine*; 16 Aug 1891—Fishing Mills, W bank of Scioto R., *Detmers*; 3 Oct 1896—Clintonville, *McCall*; 10 Jun 1899—Worthington, *Helfrich*; 27 Jul 1982—Highbanks Metro Park (Franklin & Delaware Cos.), floodplain, *G. Moore 224*; 20 Aug 1982—Blendon Woods, *Owens*; 3 Nov 1984—Gahanna Woods State Nature Preserve, swampy area along woodland pond trail at boardwalk bridge IV, *Tyrell*; 24 Aug 1989—SE corner of Morse Rd. & Indianola Ave. intersection, Clinton Twp., *Lowden 4289*; 9 Sep 1991—Scioto Blvd. dead-end, N of Greenlawn Ave. bridge, W bank of Scioto R., Cols., Franklin Twp., *Lowden 4809*.

NYCTAGINACEAE, Four-o'clock Family

1. MIRABILIS L. Four-o'clock

Herbs; leaves opposite; blades entire; flowers hypogynous, perfect, each flower or each cluster subtended by a calyxlike involucre; calyx regular, corollalike, funnellform, 5-lobed, base constricted above ovary in such way that flower appears epigynous; stamens 3-5; carpel, locule, and ovule 1; style slender, stigma capitate; fruit indehiscent.

a Calyx about 1 cm long; involucre accrescent, veiny, subtending more than 1 flower. 1. *M. nyctaginea*

a' Calyx of various colors, 2-4 cm long; involucre less than 1 cm long, subtending individual flowers. 2. *M. jalapa*

1. **Mirabilis nyctaginea* (Michx.) MacMill.

Heart-leaved Umbrella-wort

Naturalized (W U.S.)

Stem becoming repeatedly forked, below inflorescence glabrous or nearly so; leaves broadly ovate, cordate or truncate base; main blades petioled; involucre more than 1-flowered, saucer-shaped; calyx pinkish-purple. Syn.: *Oxybaphus nyctagineus* (Michx.) Sweet

HERBARIUM RECORDS: 18 Jun 1920—Cols., *J. H. Schaffner*; 18 Jun 1973—S of Cols. on Harmon Rd., rocky embankment above old river bed, *Stroube*; 1 Jun 1980—in cinders along RR tracts on N side of McKinley Ave., about 2 blks. W of Souder St., NE ¼ SW Cols. Quad., *W. Carr 2857*; 9 Jun 1988—Franklinton Cemetery, weedy border, River St., SW Cols. Quad., *Cusick 27482*; 9 Sep 1991—Scioto Blvd. dead-end, N of Greenlawn Ave. bridge, W bank of Scioto R., growing along old pavement, Cols., Franklin Twp., *Lowden 4807*; 19 Sep 1991—W side of Olentangy River Rd., ¼ mi. N of entrance to Antrim Park, Sharon Twp., *Lowden 4851*.

2. **Mirabilis jalapa* L.

Four-o'clock

Adventive (native of tropical America)

Calyx red, purple or other colors, salverform, with long slender tube; involucre 1-flowered. Spread from cultivation to waste places, roadsides.

HERBARIUM RECORDS: 12 Jul 1911—OSU Bot. Garden, cult., Cols., *J. H. Schaffner*; 16 Aug 1977—105 W. 10th Ave., one plant growing in gravel at edge of driveway, *W. Carr 714*.

CHENOPODIACEAE, Goosefoot Family