

Herbs, climbing; leaves ternate or biternate; sepals 4, 2 larger; petals 4, unequal, each with petaloid appendage at base; nectary-disk unilateral, biglandular.

1. **Cardiospermum halicacabum* L.

Balloon-vine

Adventive (native of tropical America)

Herbaceous vine, tendrils; leaves twice-ternately compound; flowers small, white; fruit an inflated papery capsule. HERBARIUM RECORDS: 23 Jul 1990—OSU campus, behind B&Z Bldg. Greenhouse Garden, gravel dirt area at edge of lawn, Lowden 4455; 23 Aug 1990—OSU campus, behind B&Z Bldg. Greenhouse Garden, climbing on fence, Lowden 4562.

NOTE: Not mentioned for Franklin Co. by Cooperrider 1995:83.

2. KOELREUTERIA Laxm.

Trees; leaves pinnate-bipinnate, leaflets 7-15, toothed; panicles large; flowers bright yellow.

1. **Koelreuteria paniculata* Laxm.

Golden-raintree

Cultivated (introduced from E Asia)

Tree; leaves pinnate or sometimes partly bipinnate; flowers yellow in broad loose panicles; fruits papery brown pods, persisting in winter.

REFERENCES: OSU Campus Trees (#32); Chadwick Arboretum (#16).

HERBARIUM RECORDS: 13 Jun 1911—OSU campus, J. H. Schaffner; 28 Jun 1968—Oval OSU, Bowerman; 21 Jun 1973—Oval, OSU campus, Roberts 3602; 10 Jul 1982—OSU campus, S side of Main Library, T. Lammers 4743; 4 Aug 1990—W side of Kenny Rd. just N of Highland Dr.-McCoy intersection, Perry Twp., Lowden 4510.

NOTE: Not mentioned for Franklin Co. by Cooperrider 1995:83.

HIPPOCASTANACEAE, Horse-chestnut Family

1. AESCULUS L. Buckeye, Horse Chestnut

Trees and shrubs with opposite palmately compound leaves; flowers hypogynous, in terminal panicles, bisporangiate and staminate ones usually in same panicle; sepals 5, united, sometimes oblique or gibbous at base; corolla zygomorphic; petals 4 or 5, clawed; extrastaminal disk present; stamens 5-8, separate; carpels 3, united, ovary 3-loculed, 2 ovules in each locule; style and stigma 1; fruit a leathery capsule, seeds 1-3, smooth, brown, large.

a Leaflets mostly 7; winter buds glutinous; petals usually 5, white, marked with red and yellow; fruits prickly.

1. *A. hippocastanum*

a' Leaflets mostly 5; winter buds not glutinous; petals 4.

b Stamens long-exserted; petals pale greenish-yellow, all about the same length; fruit prickly. 2. *A. glabra*

b' Stamens not or little exserted; petals yellow or reddish, the 2 upper longer and erect; fruit not prickly.

3. *A. flava*

1. **Aesculus hippocastanum* L.

Horse-chestnut

Cultivated (native of SE Europe and adjacent Asia)

Tree; leaves palmately compound; leaflets mostly 7, obovate, widest above the middle; terminal buds sticky; capsules prickly.

HERBARIUM RECORDS: 1 Jun 1884—near corners Frambes Ave. & High St., Cols., H. Smith (CINC); 7 Oct 1901—City Park, Cols., Hartford; [ca. 1920s]—Westerville, common, Kahler; 30 Apr 1977—W of B&Z greenhouse, OSU campus, Cols., C. Liu 40; 15 May 1982—OSU, W. 12th Ave. near hospital, Cols., D. Wilson 45; 29 Apr 1985—OSU campus, 11th Ave. near Biological Sciences Bldg., Finnen 22; 30 Apr 1985—W side of Neil Ave. between 9th & 10th St., Cols., Crowell; 1 May 1986—OSU campus, NE corner 17th Ave. & Milliken Rd., Hollander 023; 3 May 1988—OSU campus, the oval SW corner by the Main Library, M. Hoffman 53.

NOTE: Not mentioned for Franklin Co. by Braun 1961:253 or Cooperrider 1995:80.

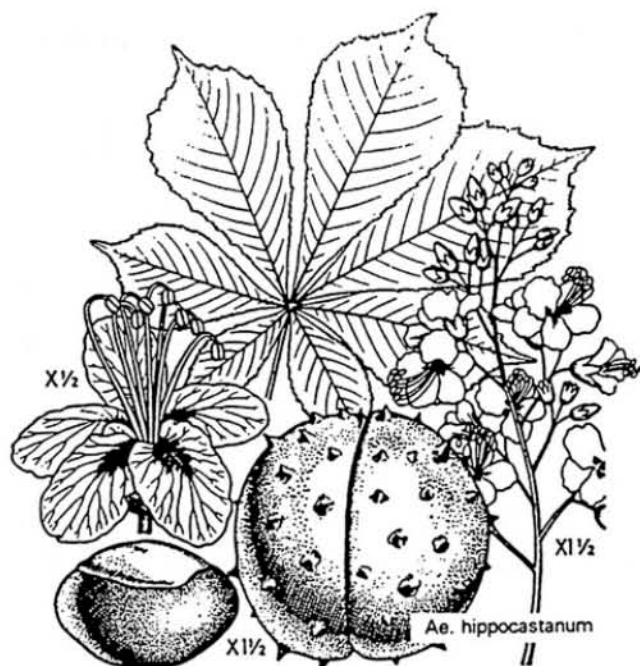
2. *Aesculus glabra* Willd. var. *glabra*

Ohio Buckeye

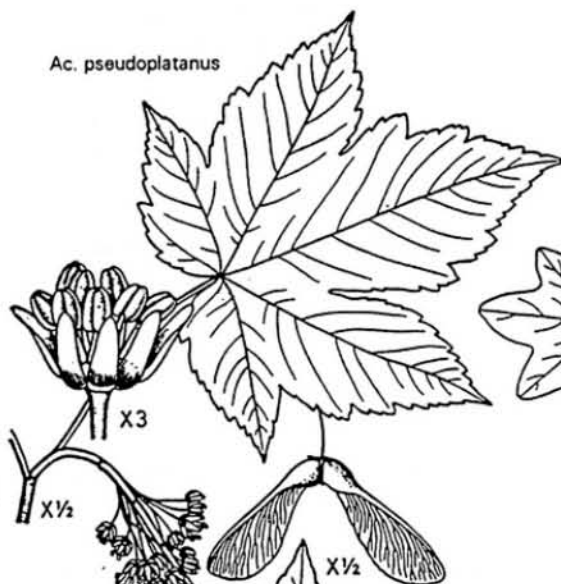
Tree, medium size; leaves palmately compound; leaflets mostly 5, widest at about the middle; terminal bud not sticky; capsules prickly.

REFERENCES: Riddell 1834:119 (*Aesculus pallida*); Sullivant 1840:12; Craig 1890:73-74 (this, our characteristic tree, is quite common in the moist rich soils along the river being especially abundant near the SW corner of the farm where there are a great many small trees; larger trees are found

CARDIOSPERMUM
AESCLUSUS
ACER



Ac. pseudoplatanus



Ac. campestre



C. halicacabum

