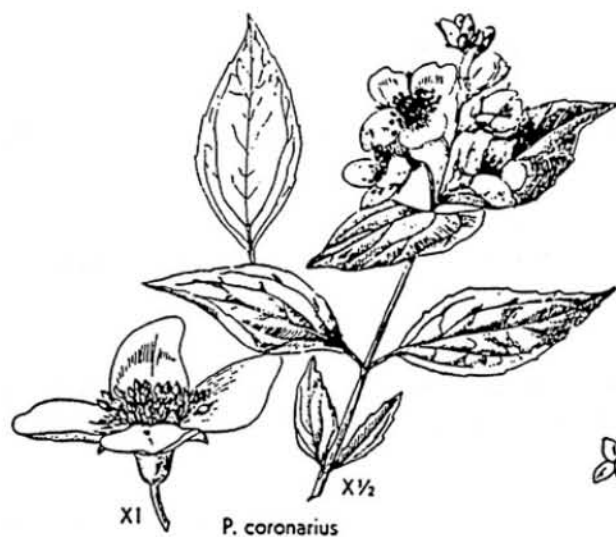


PHILADELPHUS  
HYDRANGEA  
RIBES



*P. coronarius*



*H. arborescens*



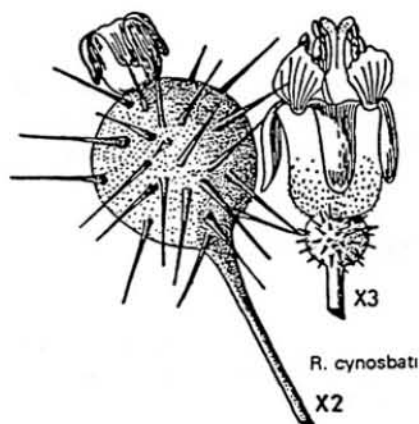
*X 1/2*



*H. quercifolia*

*X 1/2*

*X 2*



*R. cynosbati*

*X 2*

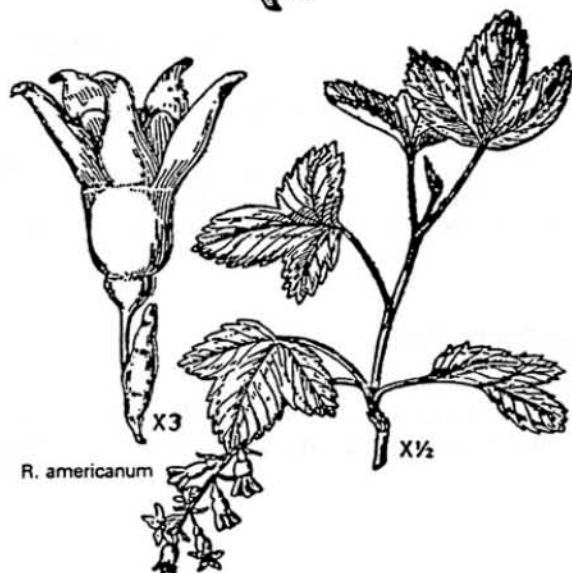


*X 1*



*R. uva-crispi*

*X 1*



*R. americanum*

*X 1/2*



*X 1/2*

*R. hirtellum*



*X 3*

NOTE: Not mapped for Franklin Co. by Cooperrider 1995:271 (illus. p. 268).

## HYDRANGEACEAE, Hydrangea Family

Shrubs; inflorescence cymose or short raceme; flowers epigynous, without epigynous hypanthium; leaves opposite; ovary 2-4-loculed; stamens twice as many as petals or more; fruit a capsule.

- a Stamens 20 or more; ovary 4-loculed; flowers 2 cm wide or more. **1. PHILADELPHUS**  
a' Stamens twice as many as petals; ovary 2-loculed; flowers, at least central ones of cluster, small. **2. HYDRANGEA**

### 1. PHILADELPHUS L. Mock-orange

Shrub; leaves opposite, short-petioled; blades ovate to oblong, somewhat dentate; flowers fragrant, epigynous, in short racemes; perianth regular; sepals 4-5; petals 4-5, white, about 2 cm long; stamens many; ovary usually 4-loculed; styles separate above; fruit a capsule.

#### 1. \**Philadelphus coronarius* L.

European Mock-orange

Cultivated & Adventive (native of Europe)

Erect shrub, bark of young twigs brown, exfoliating the second year; leaves short-petioled, ovate or ovate-oblong, acuminate, remotely dentate, pubescent in and near the axils of the 3 main veins beneath; flowers in terminal racemes 5-7, fragrant; sepals 4; petals 4, white; stamens 20 or more.

HERBARIUM RECORDS: [date?]-University campus [OSU], Hedrick; May 1937—Cols., cult., J. H. Schaffner; 31 May 1987—Highbanks Metro Park (Delaware Co.), cult., Witsberger 948 (OWU); 6 Jun 1989—Turkey Run, between Olentangy River Rd. & Pegg Ave., just S of Highland Dr., Cols., Clinton Twp., Lowden 4111; 14 Jun 1989—OSU Campus, near B&Z bldg. & Campbell Hall, 1735 Neil Ave., Cols., Lowden 4188 & 4195.

NOTE: See Braun 1961:151.

### 2. HYDRANGEA L.

Shrub; leaves opposite, long-petioled, blades ovate to oblong, lobed or unlobed, cordate to tapering at base, serrate; flowers small, in rounded or flattened compound cymes, epigynous, sometimes the marginal ones consisting of only a flat enlarged calyx; sepals 4 or 5; petals 4 or 5, white; stamens 8-10; carpels 2, united below, separate above; ovary 2-loculed below; styles 2; fruit a capsule.

- a Inflorescence flat topped or convex; leaves ovate-oblong to broadly round-ovate. **1. H. arborescens**  
a' Inflorescence pyramidal or ovoid; leaves sharply 5-7 lobed. **2. H. quercifolia**

#### 1. *Hydrangea arborescens* L.

American Hydrangea

REFERENCES: Riddell 1834:156 (*Hydrangea vulgaris* & *H. cordata*); Sullivant 1840:20 (*Hydrangea vulgaris* Michx.); Selby & Craig 1890:10.

NOTE: No specimens seen from Franklin Co. Not mapped for Franklin Co. by Braun 1961:151 (illus. p. 152).

#### 2. \**Hydrangea quercifolia* W.Bartram

Oak-leaved Hydrangea

Cultivated to possibly Escaped (introduced from S U.S.)

Shrub; leaves sharply 5-7 lobed, lobes denticulate; young branches, petioles, and lower leaf-surface softly pubescent; panicles ovoid or oblong; sterile sepals usually 4, up to 1.5 cm long.

HERBARIUM RECORDS: 20 May 1985—OSU Campus, shrub near loading dock of the B&Z bldg., 1735 Neil Ave., Cols., Finnen 40; 16 May 1986—Park of Roses, Cols., Blanco; 14 Jun 1989—OSU Campus, behind B&Z Bldg., 1735 Neil Ave., Cols., Lowden 4170.

NOTE: Not treated by Braun 1961:151. Not cited by Weishaupt; Cronquist (p. 226) mentions under *Hydrangea paniculata*; see description and drawing in Britton & Brown (Vol. 2, p. 275).

## GROSSULARIACEAE, Gooseberry Family

Shrubs; leaves palmately veined and lobed, fascicled on short lateral branches; flowers in small clusters or racemes, epigynous, with tubular epigynous hypanthium; leaves alternate; ovary 1-loculed; stamens as many as petals; fruit a many seeded berry.