

BIGNONIACEAE – BIGNONIA FAMILY

Plant: rarely herbs, mostly woody vines or shrubs and trees

Stem:

Root:

Leaves: mostly opposite, simple or compound, rarely whorled; no stipules

Flowers: perfect, showy and usually in clusters; calyx 2 or 5-lobed, corolla most often a trumpet, funnel-like or bell-shaped, 5-lobed and often looks 2-lipped; 2-4 stamens (rarely 5), alternate with corolla lobes; 1 style and 1 stigma, ovary superior and 2-chambered, many ovules

Fruit: capsule, 2-valved, fleshy and often bean-like; seeds often flat and winged

Other: mostly subtropical to tropical; Dicotyledons Group

Genera: Many (100+) genera; locally *Bignonia* (Cross Vine), *Campsis* (trumpet creeper), *Catalpa*, *Paulownia* (empress tree)

Bignoniaceae (Trumpet Creeper or Bignonia Family) – 5-lobed corolla often appearing 2-lipped, showy, sometimes funnel- or bell-shaped; calyx usually 2-lobed; fruit often a bean-like capsule; locally 3 genera

Genus Campsis

Vine (no tendrils), flower trumpet or funnel-shaped, 5-lobed corolla; leaves compound (7+ pinnate leaflets)



Trumpet Creeper
Campsis radicans

Genus Bignonia

Vine (with tendrils), flower trumpet or funnel-shaped, 5-lobed corolla; leaves compound (2 leaflets with a tendril)

Genus Catalpa

Flower with 2 fused upper lobes and 3 fused lower lobes (middle lower lobe with notch in this species)



Northern Catalpa [Cigar-Tree]
Catalpa speciosa

Very long Pods

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Trumpet Creeper; *Campsis radicans* (L.) Seem. ex Bureau

Northern Catalpa [Cigar-Tree]; *Catalpa speciosa* (Warder) Warder ex Engelm

Trumpet Creeper or Vine

[Hell Vine, Devil's Shoe Laces]



Campsis radicans (L.) Seem. ex Bureau
Bignoniaceae (Bignonia or Trumpet Creeper Family)
Maumee River Metroparks, Lucas County, Ohio
Notes: vine; 5-lobed flowers, orange to reddish-orange, long trumpet-shaped; leaves opposite, pinnately compound, 7-11+ serrate leaflets; long woody stem; fruit a cigar-shaped seed capsule; summer to fall

[V Max Brown, 2004]



Northern Catalpa [Cigar-Tree]

Catalpa speciosa (Warder) Warder ex Engelm
Bignoniaceae (Bignonia or Trumpet-Creeper Family)

Oak Openings Metropark, Lucas County, Ohio

Notes: flowers large with 2 yellow stripes, spotted with brownish to purple, lower lip notched; leaves tapering to a long point, glabrous above and pubescent below; seed pods to 50 cm, seeds with fringe hairs; leaf scars large and circular; spring

[V Max Brown, 2005]

