

ACER PENNSYLVANICUM L.
Striped Maple

FAMILY: Aceraceae

HABIT: Slender, deciduous understory tree to 12 m.; flowering May, June; fruiting June, July.

SIMILAR SPECIES: *Acer pensylvanicum* slightly resembles *Acer spicatum* (Mountain Maple), which is more common in Ohio. *A. pensylvanicum* has finely doubly-serrate leaves and green- and white-striped bark; *A. spicatum* has coarsely, usually simply-serrate leaves and drab bark.

TOTAL RANGE: Que. and N.S. to Man., s. to NY, PA, and in uplands to n. GA and TN; OH and MI.

STATE RANGE (as of 2006): Post-1980 records are from Ashtabula County.

HABITAT: Understories of rich, cool, moist woods, often associated with hemlock and yellow birch.

HAZARDS: Removal of the overstory trees. Hosier (1974) states that *A. pensylvanicum* released by canopy thinning, but if the sunlight is too strong, it may be replaced by *A. spicatum*.

RECOVERY POTENTIAL: Unknown, possibly good within its limited geographical range in Ohio, but it is doubtful that it will ever be found growing naturally outside of Ashtabula County.

INVENTORY GUIDELINES: Sterile specimens can be readily identified, although flowering or fruiting material is preferred. Note the character of the trunk bark.

COMMENTS: The current knowledge of the range of this species in Ohio is probably accurate. The northeast corner of Ohio is at the extreme southwestern edge of its total range. The characteristic green- and white-striped bark is difficult to overlook.

SELECTED REFERENCES:

Hibbs, D.E. and B.C. Fisher. 1979. Sexual and vegetative reproduction of striped maple (*Acer pensylvanicum* L.). Bull. Torrey Bot. Club 106: 222-227.

Hibbs, D.E. and B.F. Wilson. 1980. Habitat requirements and growth of striped maple. Ecology 61(3): 490-496.

Hosier, P.E. 1974. Striped maple. p. 96-97. In J.D. Gill and W.M.

Healy (eds.). Shrubs and vines for northeastern wildlife. USDA For. Serv. Tech. Rep. NE-9. 180 p.

Soper, J.H. and M.L. Heimberger. 1982. Shrubs of Ontario. Royal Ontario Museum,

Toronto, Canada. 495 p.



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