

## Plant Indicator Species for Cool Ravine

The plants described below can often be used as field indicators for identifying this habitat when other physical and biological features of the habitat are present.

### eastern hemlock (*Tsuga canadensis*) (tree)

- needles flat, 1/2 in long, with white stripe beneath
- cones oval, 3/4 in long



### striped maple (*Acer pensylvanicum*) (tree)

- small tree, rarely taller than 30 ft
- leaves opposite, three-lobed, toothed, resembling a goose foot
- bark smooth, greenish, with longitudinal white stripes



### mountain maple (*Acer spicatum*) (tree)

- small tree, up to 30 ft tall
- leaves opposite, 3 - 5 lobed, coarsely-toothed, each tooth gland-tipped



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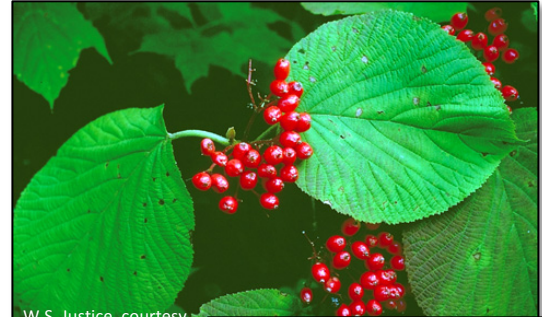


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### hobblebush (*Viburnum lantanoides*) (shrub) synonym: *Viburnum alnifolium*

- usually 3 - 6 ft tall
- leaves roundish, prominently veined
- inflorescence a large cluster of white flowers (May – July)
- fruits small, red, each with a single flat stone



W.S. Justice, courtesy  
Smithsonian Institution



G.A. Cooper, courtesy  
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### American yew (*Taxus canadensis*) (shrub)

- up to 5 ft tall, with spreading, horizontal branches
- needles flat, 1 in long, sharply pointed
- fruit red, berry-like



Courtesy Robert Dunlap

### red-berried elder (*Sambucus racemosa* var. *racemosa*) (shrub) synonym: *Sambucus pubens*

- usually 5 - 9 ft tall
- leaves opposite, compound, with 5 - 7 leaflets
- twigs stout, with whitish “warts” and brown pith
- flowers small, white, in cone-shaped or cylindrical cluster (April – July)



Richard A. Howard Image Collection  
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