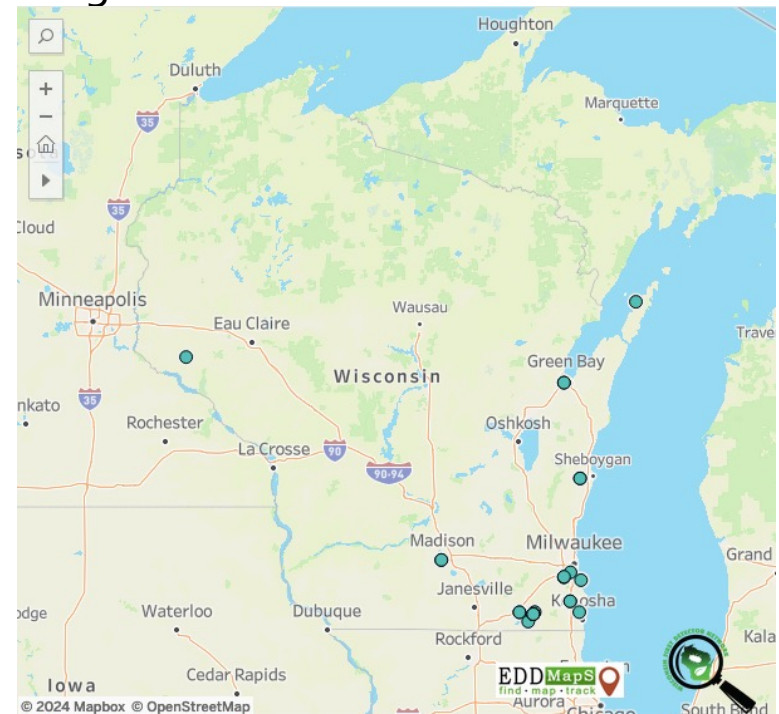


European alder (*Alnus glutinosa*)



- Medium to large tree with sticky leaves and “cones”
- Habitats it invades:
 - Riparian forests
 - Wetlands
 - Roadsides
- Status
 - Wisconsin: Restricted
 - Regulated in: MN





European alder (*Alnus glutinosa*)

Leaves alternate, simple

- 1-3.5" long, with a rounded or notched apex
- Leaves are doubly-toothed, sticky, and often shiny





European alder (*Alnus glutinosa*)

Flower/fruit

- Flowers are small and not showy; April-May
- Male flowers are thin catkins
- Female flowers are borne in somewhat woody catkins that look like pinecones
- Fruits are tiny samaras held in the “cones”



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European alder look alike

European alder (*Alnus glutinosa*) may be confused with the native green alder (*Alnus viridis*) and speckled alder (*Alnus incana*).



T. Davis Sydnor, Bugwood.org

Black alder leaves with cone-like female catkins



MinnesotaWildflowers.info 2006 © Peter M. Dziuk

Green alder leaves



MinnesotaWildflowers.info

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Speckled alder leaves

Species	Height + Form	Leaves
Black alder (<i>Alnus glutinosa</i>) (I)	Up to 50' tall single or multi-stemmed tree	Nearly oval; edges coarsely-toothed and often irregularly double toothed; coated with resin at top and bottom; mature leaves with notched tip
Green alder (<i>Alnus viridis</i>) (N)	Up to 15' tall multi-stemmed shrub	Egg-shaped to elliptic; pointed to rounded at tip ; base rounded to somewhat heart-shaped; 2-3 ½" long, 1-2 ½" wide; edges finely toothed and not double-toothed
Speckled alder (<i>Alnus incana</i>) (N)	10 – 25' tall multi-stemmed shrub	Egg-shaped to elliptic; pointed or blunt at tip ; base rounded to wedge-shaped; 1 ½ - 4 ½" long, 1-3" wide; edges coarsely double toothed ; upper surface dark green, mostly hairless; lower surface dull green, hairy