



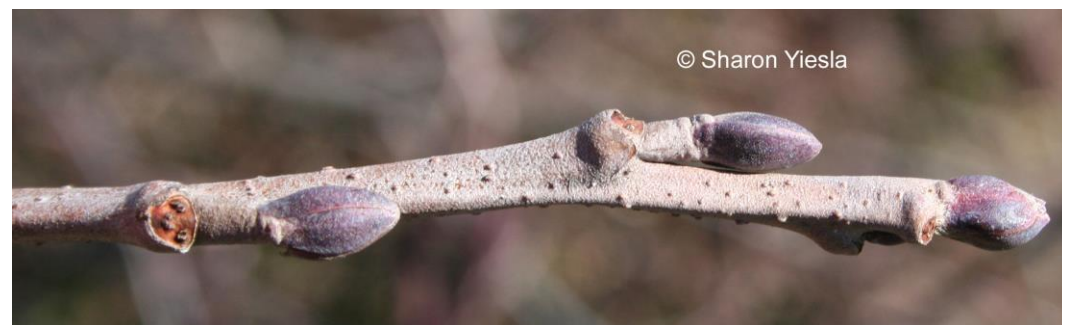
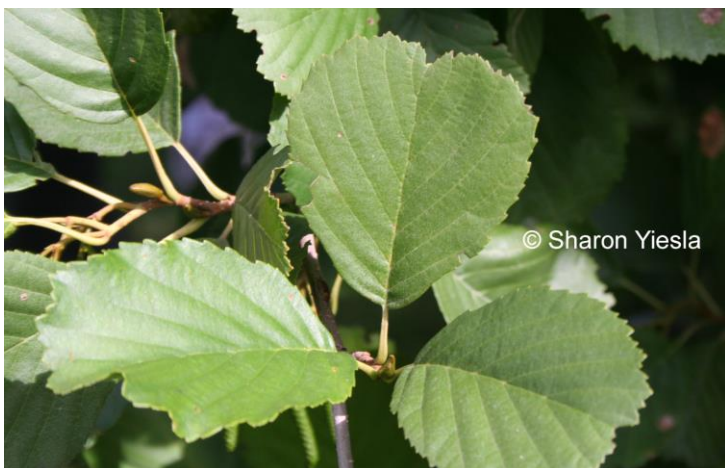
European alder is [monoecious](#). The male flowers are in elongated [catkins](#). The female flowers are in smaller, egg-shaped catkins. In the left picture, the inflorescences are closed; females are seen above the males. In the right picture, the male catkins have expanded to reveal the individual flowers; the females have also expanded and have turned pink.

The fruits are [nutlets](#) held in cone-like structures called strobiles. The left photo shows the immature closed strobiles. On the right photo, the strobiles have opened to release their seeds. The strobile is woody and will persist through winter.



Leaves are simple and [alternate](#), oval to almost round with doubly toothed margins. The tip of most leaves will be [emarginate](#). Fall color is a poor yellow-green at best.

Stems are a bit gray when young, but will mature to a brown color. They are marked with [lenticels](#). The [valvate](#) buds are stalked and have a purplish color. The leaf scar is somewhat triangular with three bundle scars.



Yiesla's Plant E-Flashcard ©Sharon Yiesla

Produced by Sharon Yiesla, Horticultural Services



*Alnus glutinosa*

European Alder (page 2 of 2)

This tree is pyramidal in shape and may be multi-trunked.

Height: 40 -60 feet.



Bark is gray to gray-brown and broken into small plates.

