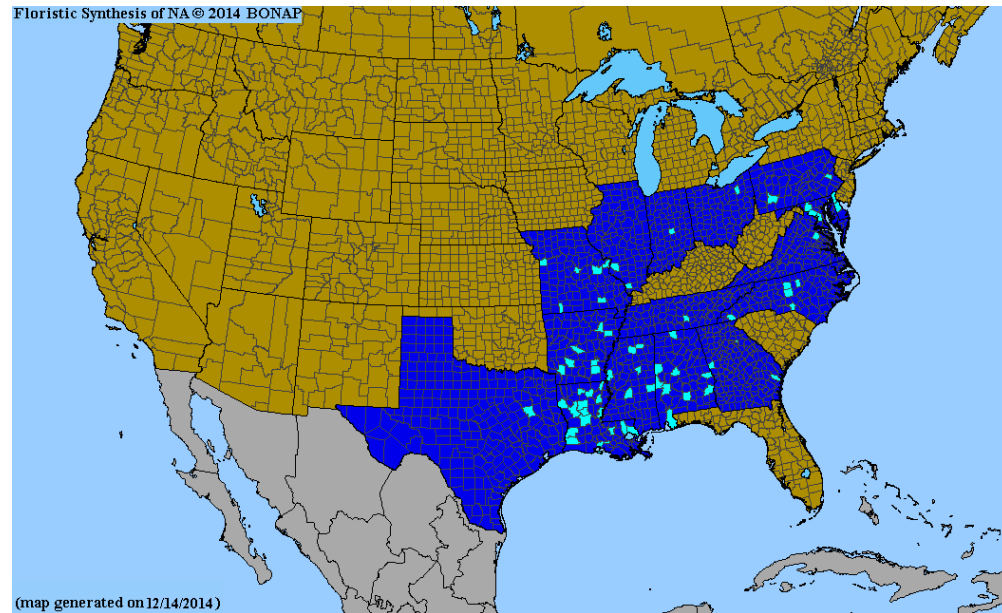


# Sawtooth oak (*Quercus acutissima*)



Renz Weed Science  
COLLEGE OF AGRICULTURAL & LIFE SCIENCES  
UNIVERSITY OF WISCONSIN-MADISON

- Large oak tree with unlobed leaves
- Habitats it invades:
  - Forests
  - Grasslands
- Status
  - Wisconsin: Prohibited (not escaped here yet)
  - Not regulated in neighboring states







# Sawtooth oak (*Quercus acutissima*)

*Leaves alternate, simple*

- 4–7.5” long, lance-shaped
- Leaf margins with bristly teeth



5592115

© Paul Langlois, Live Botanical Collections, USDA APHIS PPQ, Bugwood.org



5544106

© Leslie J. Mehrhoff, University of Connecticut, Bugwood.org



# Sawtooth oak (*Quercus acutissima*)

## Flower/fruit

- Flowers are tiny and insignificant; male and female on separate parts of the same tree
- Flowers are borne in catkins; May
- Fruit is an acorn.



5391502



UGA5308067

© Steve Hurst, USDA NRCS PLANTS Database, Bugwood.org



# Sawtooth oak look alike

Sawtooth oak (*Quercus acutissima*) leaves are distinct from other **native** *Quercus* species in Wisconsin. However, they are similar to American chestnut (*Castanea dentata*) (N-N) leaves.



**SAWTOOTH OAK** leaves are oblong with a rounded base, 3 ½ - 7 ½" long, up to 2 ½" wide. Edges are serrated with bristle-like tips on serrations. Leaves are **glossy dark green**, turn dull yellow or brown in fall. Male flowers held in drooping catkins. Female flowers inconspicuous.

Fruit is an **acorn** with **cap covered in long recurving scales** that cover most of the nut.

**AMERICAN CHESTNUT** leaves are oblong with a rounded or wedge-shaped base, 4-9" long, up to 1 ½ -3" wide. Edges with large curved teeth; teeth with bristly tips. Upper leaf surface is yellow green to dark green, lower surface pale yellowish green to green.

Male flowers held in drooping catkins, 4-10" long.

Female flowers inconspicuous.

Fruit is a **nut surrounded by a spiny husk**.