



**Leaves:**

- Oppositely arranged
- Pinnately compound with 7-11 narrow, lance-shaped leaflets
- Leaf 9" -14" long
- Leaflet margins smooth, finely serrated, or noticeably toothed
- Shiny green top; dull, pale below
- Undersides fuzzy at midrib

**Flowers:**

- Small
- Lacking Petals
- Perfect but Incomplete
- Branched inflorescence

**Bark:**

- Light gray, tinged red
- Scaly or plate-like
- Older trees are shingled



Blue Ash is a slow grower with dense wood that is used to make furniture, tool handles, and flooring.

The inner bark turns blue when exposed to air; it is used to make blue dye.



Geographic Range

**Twigs:**

- Smaller twigs have 4 sides
- Wings on each edge

**Fruits:**

- Samara with flat seed
- 1" - 1 1/2"
- Rounded or notched apex



"Quadrangulata" is Latin for "four-angled"



Mature Blue Ash 80' tall, 40' wide

Which characteristic best differentiates the Blue Ash from other Ashes?

- a) pinnate leaves
- b) bright flowers
- c) winged twigs
- d) all of the above

Ohio Department of Natural Resources  
[http://www.dnr.state.oh.us/forestry/trees/ash\\_bl/tabid/5329/Default.aspx](http://www.dnr.state.oh.us/forestry/trees/ash_bl/tabid/5329/Default.aspx)  
 United States Department of Agriculture  
<http://plants.usda.gov/java/profile?symbol=FRQU>  
 U. Conn Plant Database  
<http://www.hort.uconn.edu/plants/f/fraqua/fraqua1.html>  
 vPlants: A Virtual Herbarium of the Chicago Region  
<http://www.vplants.org/plants/species/species.jsp?gid=17023>

answer: c

Pests: Emerald Ash Borer, scales  
Diseases: leaf antracnose, trunk canker

**BLUE ASH**  
*Fraxinus quadrangulata*  
 Oleacea (Olive Family)