

# Test Your Knowledge

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*Editor's note: Questions are drawn from the articles in this issue; if you have trouble with any of the answers then please review the articles to discover them. Visit [www.ukforestry.org](http://www.ukforestry.org) to enter your answers for a chance to win a \$50 gift certificate to Forestry Suppliers. Sorry, but University of Kentucky and Kentucky Division of Forestry employees (and their family members) are ineligible to win the \$50 gift certificate.*



1. The “Bugs That Bore Us” article features three wood boring insects that are pests of various trees in Kentucky. These borers can be distinguished from one another in a variety of ways including the galleries they leave under the bark of attacked trees. Which borer leaves a curved or S-shaped gallery?
- a) Two-lined chestnut borer   b) Southern pine beetle   c) Emerald ash borer

*Hint: See article on page 1.*

2. Suppose you are given a piece of wood and you determine it is ring-porous and has bands of tissue called rays running perpendicular to the growth rings that are very broad and easy-to-see. Which group of tree species has wood with those characteristics?



*Hint: See article on page 4.*

- a) Maples                      c) Hickories  
b) Elms                         d) Oaks

3. Kentucky has more than 120 native trees and some are more abundant than others. One species in particular was recently identified as having the most individual stems in Kentucky by the US Forest Service and the Kentucky Division of Forestry. This species appears to be out-competing other native trees on a variety of sites. Which tree is it?



*Hint: See article on page 8.*

- a) Eastern redcedar        c) Red maple  
b) Yellow-poplar         d) White oak

4. The Kentucky chapter of the American Chestnut Foundation is working to help restore the American chestnut through a variety of efforts including the establishment of orchards. There are three types of orchards they are working on; two types are already established and a third type will be

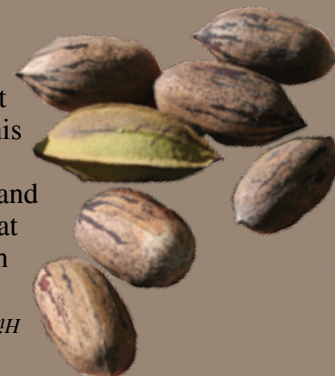


*Hint: See article on page 10.*

established in 2011. Which type of American chestnut orchard will be established in 2011?

- a) Breeding orchard        c) Mother tree orchard  
b) Restoration orchard    d) Recovery orchard

5. Pecans require care during the first year to ensure planting success. This care includes things such as weed control, protection from sunscald, and predation prevention. One thing that should NOT be done is fertilization of pecan trees during the first year. Why?



*Hint: See article on page 14.*

- a) Excessive growth may lead to winter injury.  
b) Fertilization can cause hypoxia in pecan seedlings.  
c) Pecans do not require fertilization.