

# Which ash species do you have, and does it have emerald ash borer?

Green ash

Green ash - very commonly planted, native to wet soils, yellow fall color, most preferred by emerald ash borer



*Fraxinus pennsylvanica* a. Leaf, b. Leaf variation, c. Winged leaf stalks, d. Flower clusters, e. Female flower, f. Male flower, g. Seed, h. Twig

White ash

White ash - next most planted, commonly found in upland areas of central Illinois, red to purple fall color, next most preferred by emerald ash borer



*Fraxinus americana* a. Leaf with fruit clusters, b. Male flower clusters, c. Male flower, d. Female flower variations, e. Seed, f. Twig

Blue ash

Blue ash - occasionally planted, found on limestone soils, bright yellow fall color with square twigs, least preferred by emerald ash borer



*Fraxinus quadrangulata* a. Leaf with seeds, b. Flower clusters, c. Flower, d. Seed, e. Twig

## Emerald ash borer



Adult beetle



Larva

(found under bark)



Exit hole through bark

(1/8 inch, D shape)

Guy Sternberg, Starhill Forest Arboretum

Line drawings: *Trees of Missouri* by Don Kurz  
Illustrated by Paul Nelson

Beetle and larva images from USDA