

EAB or Native Borer?

Insect Galleries Often Confused for Emerald Ash Borer (EAB)

Emerald Ash Borer



EAB

Bark Beetles have a main tunnel (arrows) with many perpendicular larval galleries.

Tiny, round exit holes are evident on the outer bark.

Native Borers



Bark Beetle tunnel and larval galleries



EAB

Ash-lilac Clearwing Borer has large, irregular larval galleries nearly clean of sawdust or frass.

Oval exit holes are evident on the outer bark.



Ash-lilac Clearwing Borer



EAB

Flatheaded Appletree Borer larval galleries are wider than EAB and follow the wood grain.

Oval to indistinct D-shaped exit holes evident; whereas, EAB exit holes distinctly D-shaped.



Flatheaded Appletree Borer

PM 3065 May 2014

Emerald Ash Borer



EAB

Redheaded Ash Borer larval galleries have round cross sections when compared to EAB or Flatheaded Appletree Borer.

The sawdust is more coarse and less compact.

Native Borers



Redheaded Ash Borer



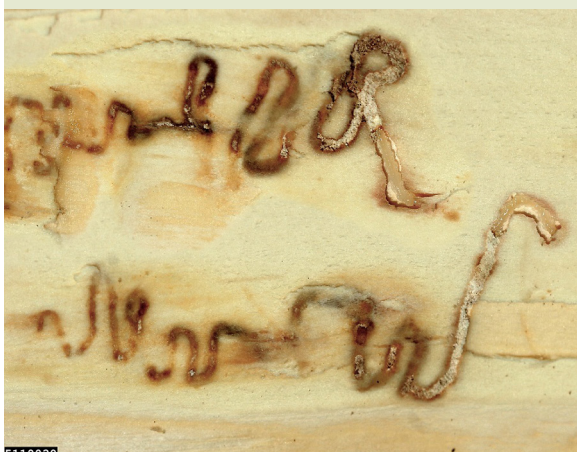
EAB

Redheaded Ash Borer larval galleries wander without a distinct serpentine pattern.

Round exit holes are evident on the outer bark.



Redheaded Ash Borer tunnels (and prepupa)



EAB

Ash Cambium Miner larval galleries either follow a zig-zag pattern or are straight.

Little frass or sawdust is present.

Exit holes are not evident on outer bark.



Ash Cambium Miner

Pictures: Bugwood.org (5476313 Christopher Asaro, Virginia Department of Forestry; 5110030 David Cappaert, Michigan State University); Iowa State University Extension and Outreach; Iowa Department of Agriculture and Land Stewardship.



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