

OREGON EAB *Bulletin*

A monthly news digest about preparations for and response to Emerald Ash Borers' arrival.



August 2023

Trees surveyed to date: **9,407 (95% are trees in Washington County)**

of trees with confirmed EAB presence: **130**

Square miles known to be infested with EAB: **2.9**

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- *EAB found in ash trees in Cornelius*
- *Most calls to the state's invasive species hotline are look-alikes*
- *Peak emergence of EAB adults has passed*
- *No EAB found so far in traps in outlying counties*

EAB confirmed in ash trees at two Cornelius parks

The Oregon Dept. of Agriculture (ODA) has confirmed the presence of emerald ash borer in ash trees in two parks in Cornelius, a community of over 13,000 people in Washington County just east of Forest Grove. Both parks are less than two miles from the site in Forest Grove where EAB was first discovered in June 2022. Tarrybrooke and Harleman parks are only about a quarter of a mile apart on the city's westside. The presence of EAB in ash trees in those parks is not unexpected given the closeness to the first site reported last year. Cornelius residents, like the rest of Washington County, are already under a wood quarantine to help slow the spread of EAB to areas outside the county.



Look-alikes account for most reports

One quick way for the general public to report a suspected sighting of EAB is through the Oregon Invasive Species Hotline (<https://oregoninvasiveshotline.org/>). Between July 1, 2022 and July 31, 2023, some 276 reports have been made via the hotline. This has resulted in EAB being confirmed by state officials in six ash trees, all in Forest Grove.

Two-thirds of the remaining reports turned out to be one of two insects that closely resemble EAB. The look-alike most reported was the golden jewel beetle, which accounted for more than 40 percent of suspected sightings. It was followed by the western cedar borer with about 19 percent of the sightings. Photos of these and

other insects easily confused with EAB can be found on the ODA's website at

<https://www.oregon.gov/oda/programs/IPPM/SurveyTreatment/Documents/EABLookAlikes.pdf>



Peak emergence of adult EABs has passed

State entomologists believe that the majority of adult emerald ash borers emerging this year did so in June and July. While the peak has passed, some larvae will still mature and emerge through D-shaped exit holes in August and into September.

If you see a suspected EAB in Oregon, or to find news releases and other EAB information, go to the Oregon Invasive Species Council's website at OregonEAB.com

ODF distributes some 140 EAB traps in outlying areas

This summer the Oregon Dept. of Forestry set or distributed 140 EAB traps to landowners and other agencies. While many of the traps are in Washington County, traps have also been placed in Clackamas, Columbia, Marion and Lane counties. So far, no emerald ash borers have been found in any of the traps. Traps are not entirely reliable for detecting EAB's presence, since the insect is not strongly attracted by chemical scents that can be used to lure other insects into traps. They are one indicator though, and can prove that EAB has moved into an area if any are found in a trap. Please also remember that not moving firewood out of your local area is an especially important way to keep EAB from spreading.

Publications

Alternatives to Ash in Western Oregon: With a Critical Tree Under Threat, These Options Can Help Fill Habitat Niche. G. Kral, and D.C. Shaw. 2023. OSU Extension EM 9396. <https://catalog.extension.oregonstate.edu/em9396>

Oregon Ash: Insects, Pathogens and Tree Health by Oregon State University Extension (also available in Spanish at this same website) <https://extension.oregonstate.edu/pub/em-9380>

Wood Decay Fungi Associated with Galleries of the Emerald Ash Borer by the University of Minnesota and Uruguay's *Instituto Nacional de Investigación Agropecuaria* [Forests | Free Full-Text | Wood Decay Fungi Associated with Galleries of the Emerald Ash Borer \(mdpi.com\)](https://www.mdpi.com/forests/14/11/2000)

Useful links for more information

EAB monitoring guidance <https://www.oregon.gov/odf/forestbenefits/Documents/eab-monitoring-guidance.pdf>

Oregon Dept. of Agriculture <https://www.oda.direct/EAB>

Oregon Dept. of Forestry <https://www.oregon.gov/odf/forestbenefits/pages/foresthealth.aspx>

OSU Extension <https://extension.oregonstate.edu/collection/emerald-ash-borer-resources>



Emerald Ash Borer Information Network, a collaborative effort by the USDA Forest Service and Michigan State University
www.emeraldashborer.info

USFS Forest Health Protection
<https://www.fs.usda.gov/detail/r6/home/?cid=fseprd1046323>

