

# Emerald Ash Borer in Oregon
# Status update – Dec 11, 2024


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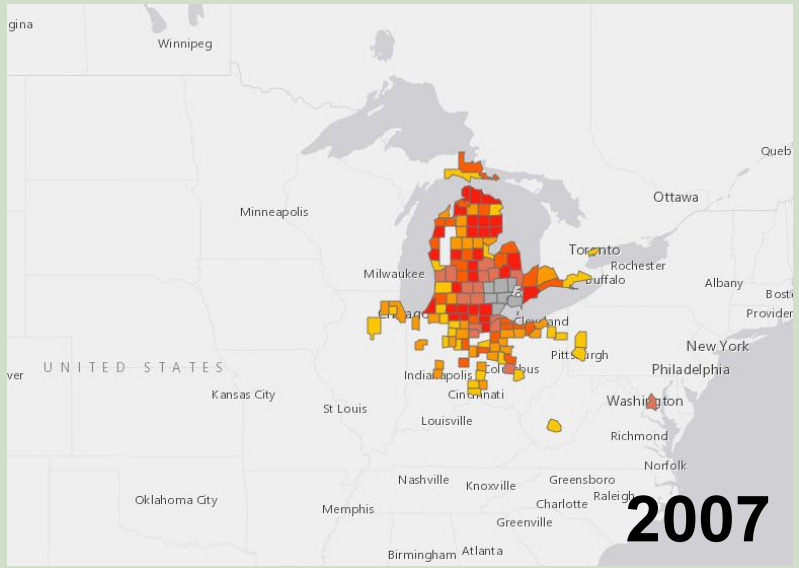
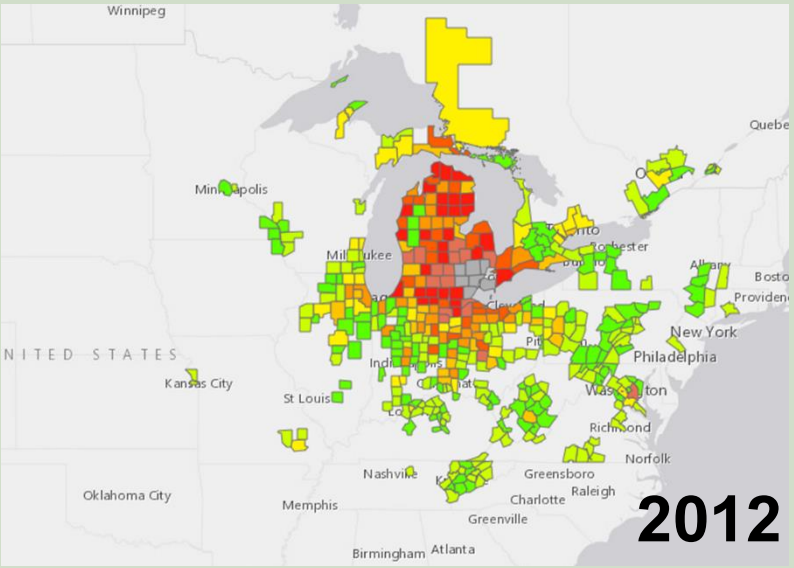
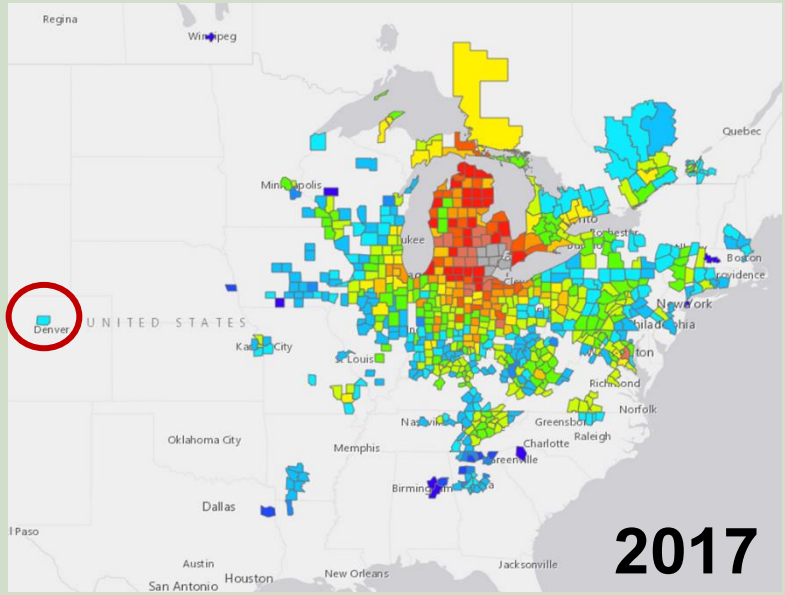
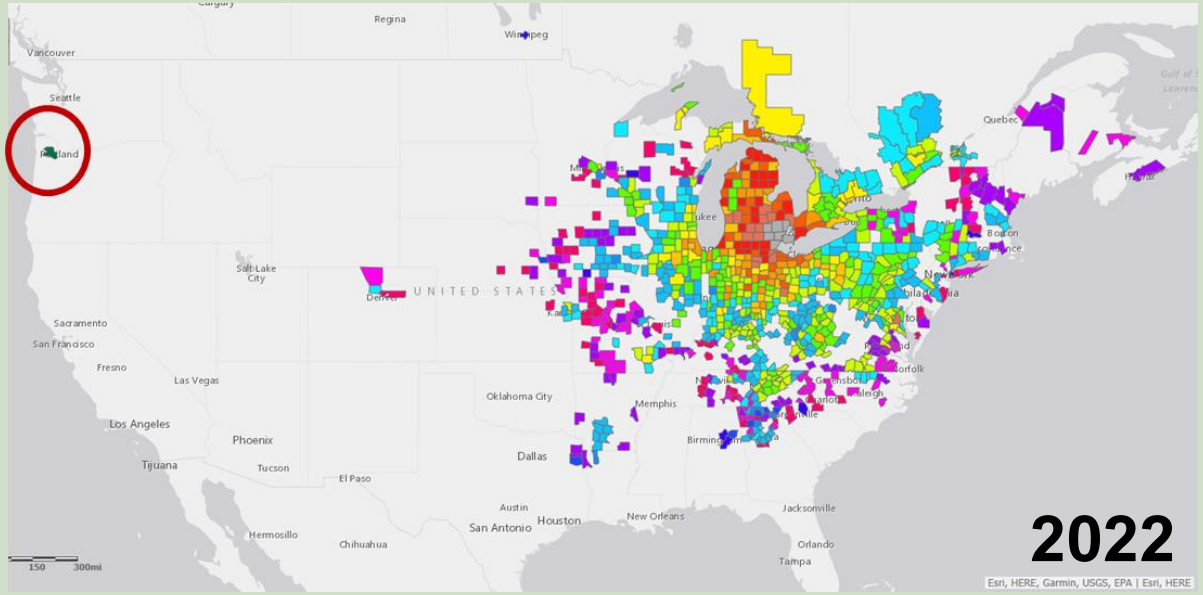
# EAB: History in the US

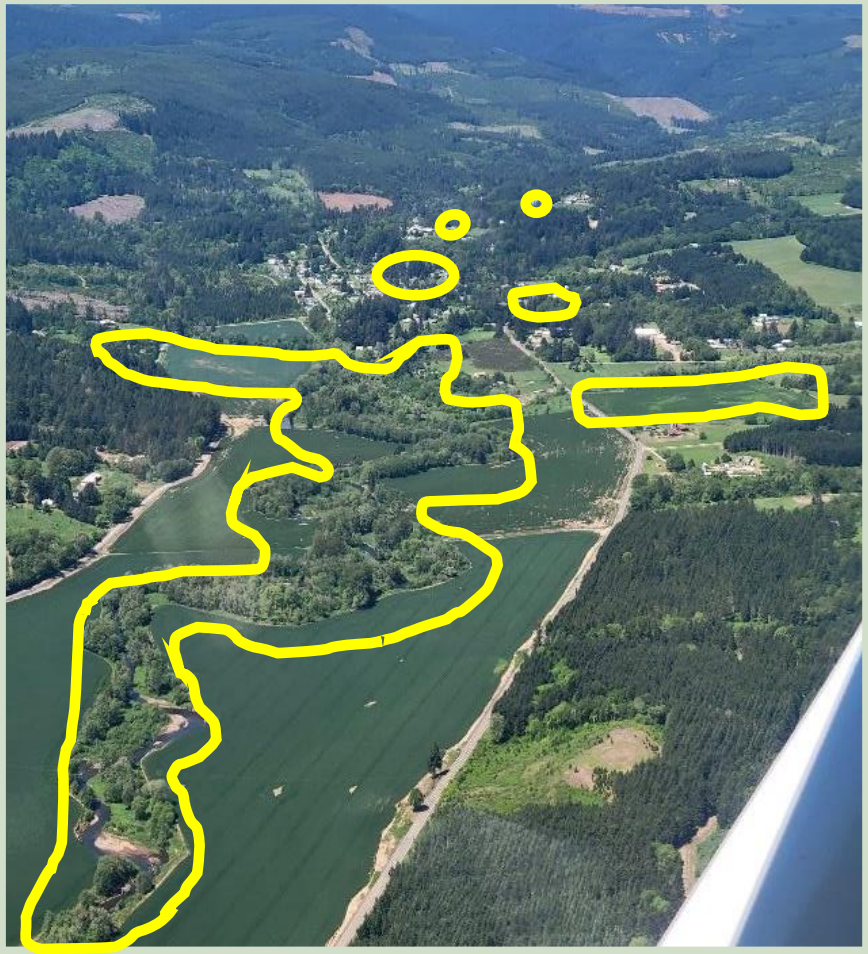




- **Found in Michigan in 2002, now in 37 states and 6 providences.**
- **Detected in Forest Grove, Oregon in June 2022.**

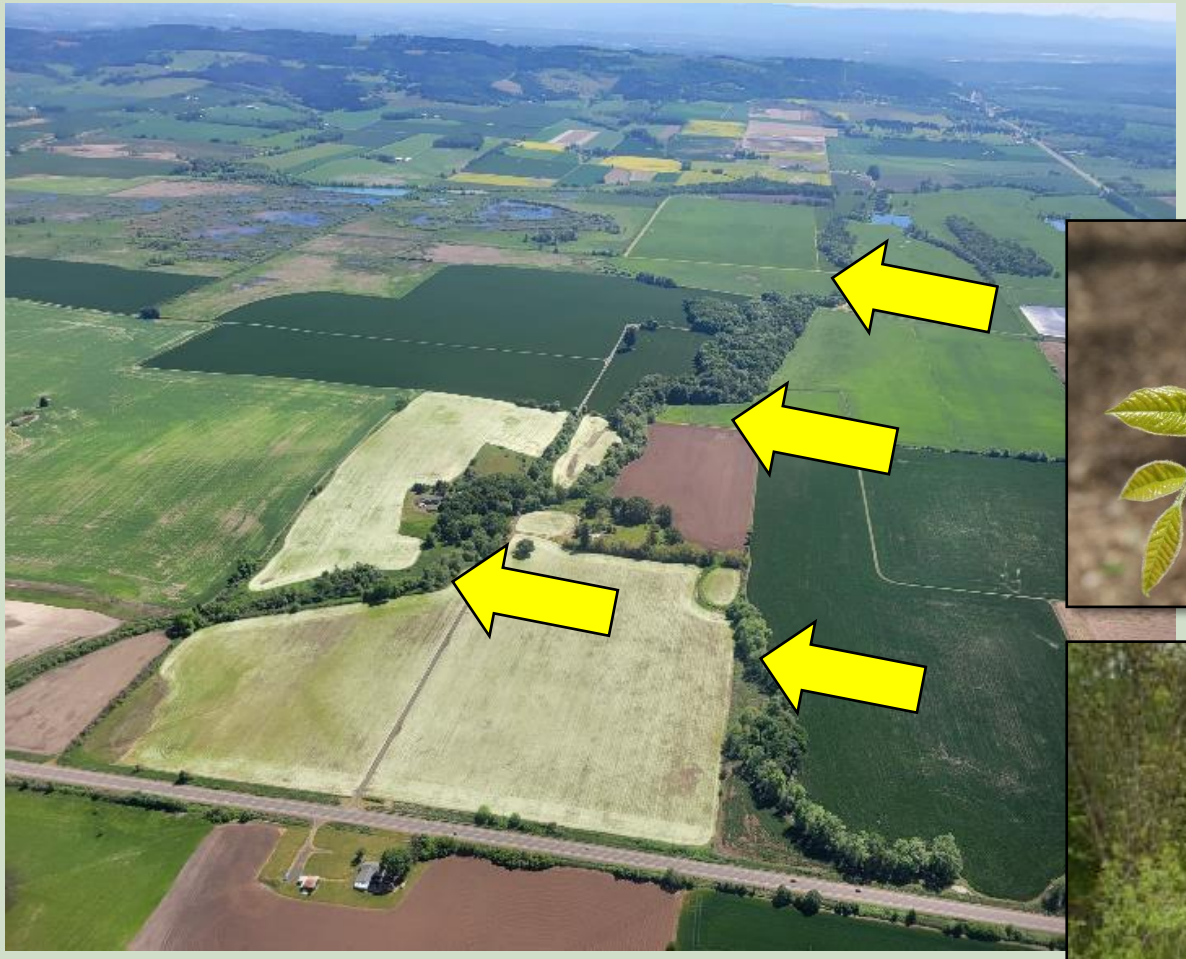


# Dominant in Willamette Valley riparian areas

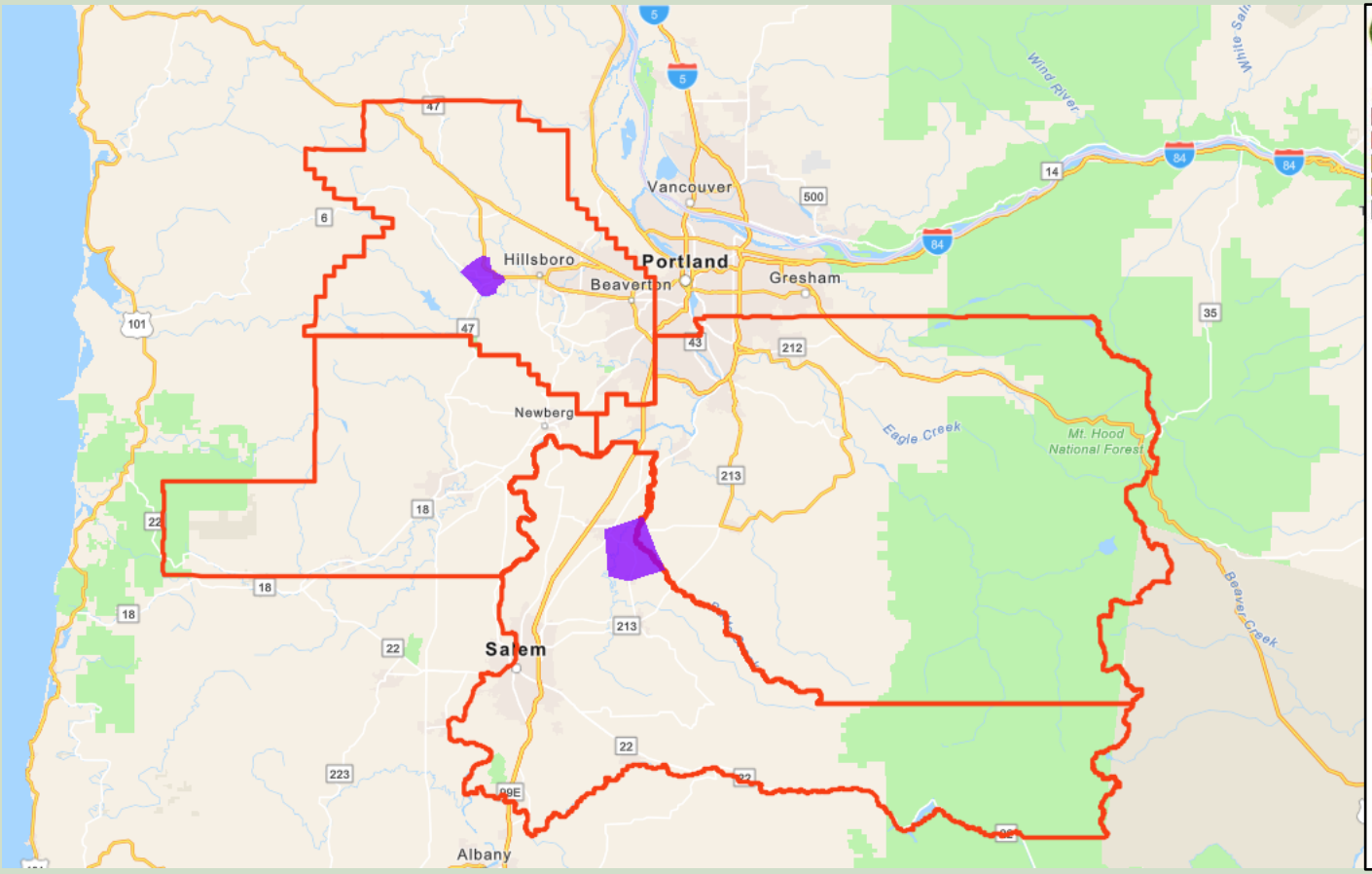


Gales Creek, W of Forest Grove

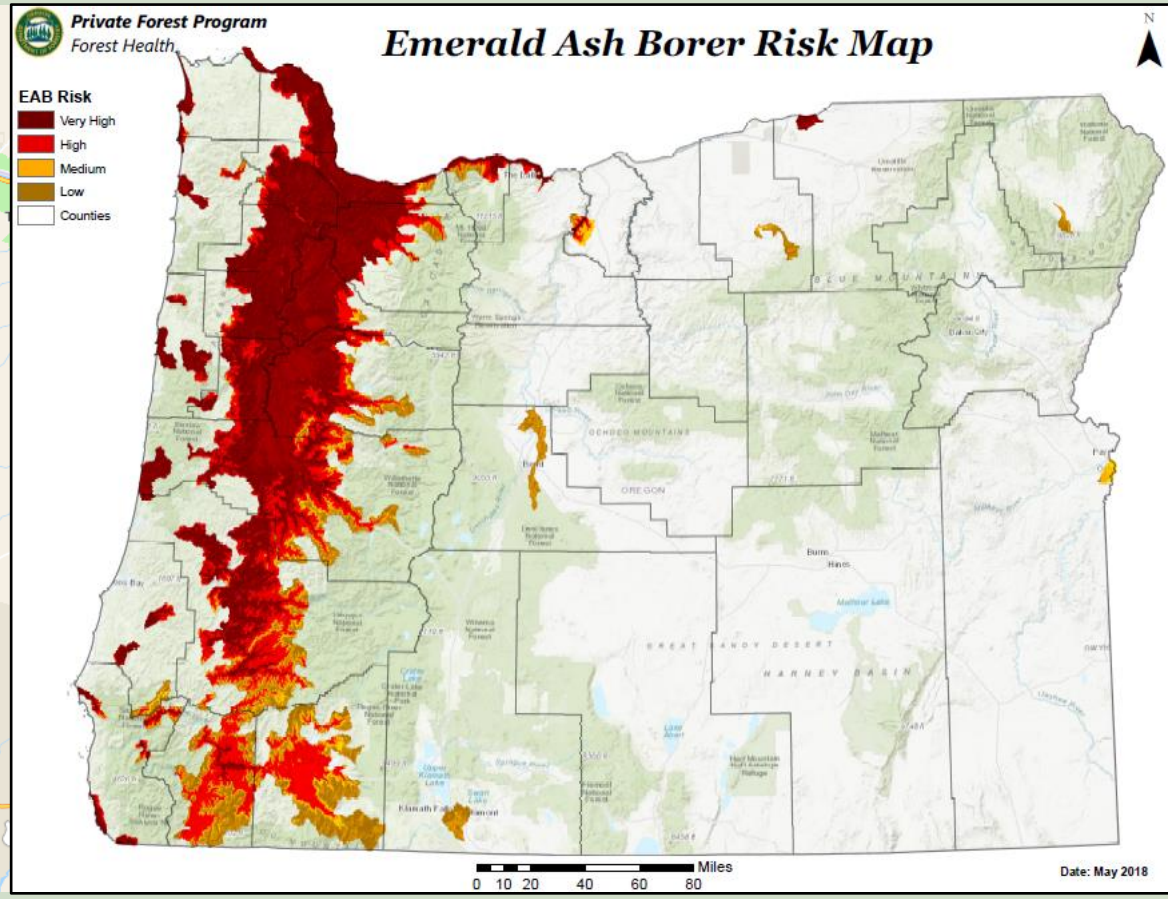


Oregon ash riparian corridors

# Two known population centers in Oregon




Four counties in state quarantine

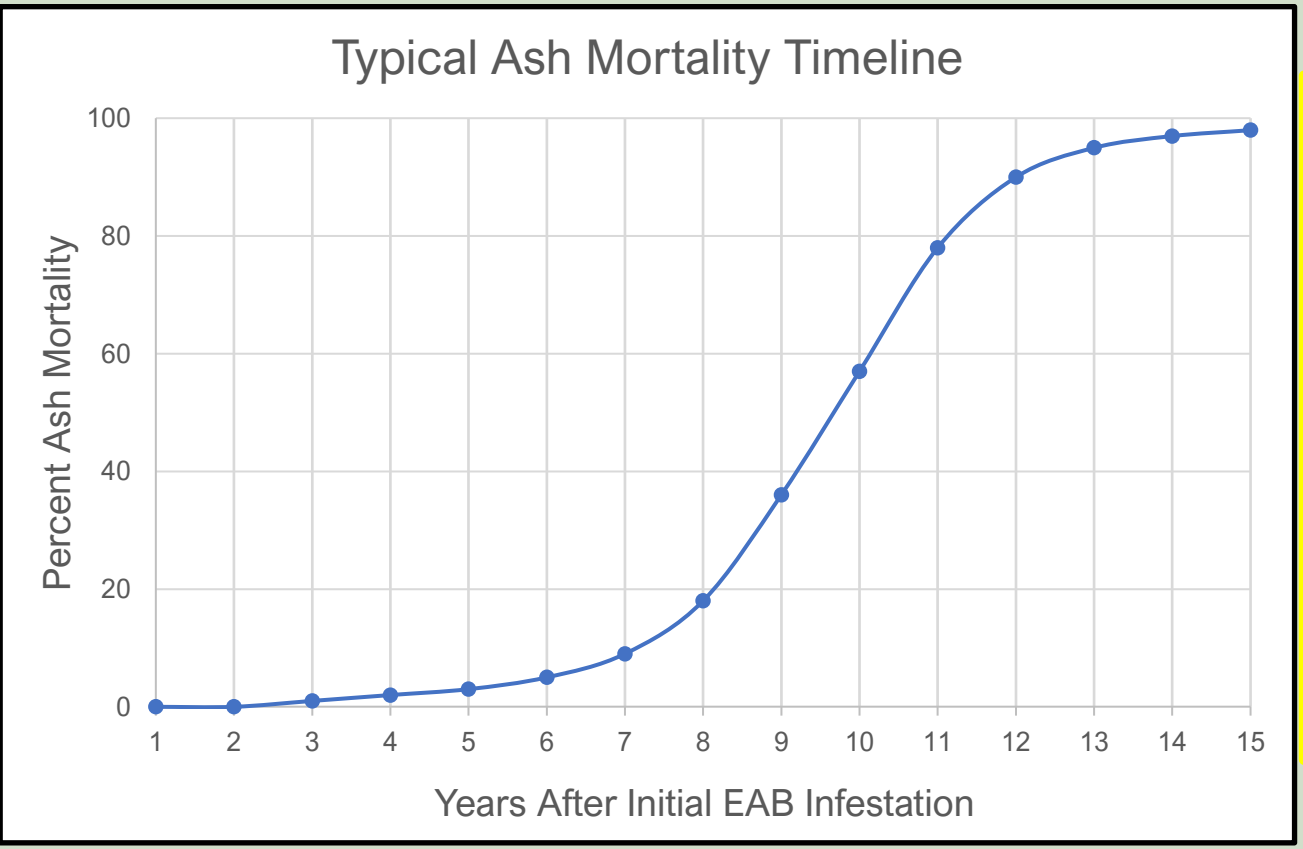


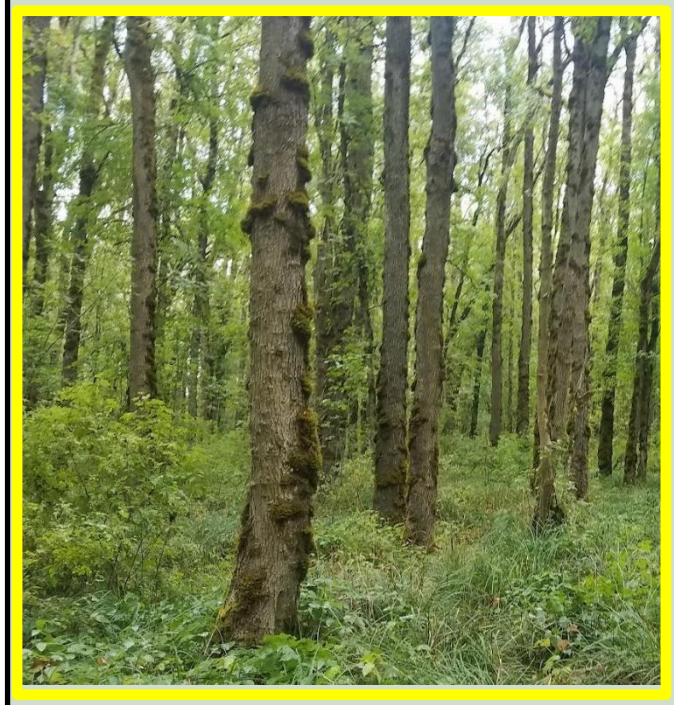

EAB risk area

# Clackamas & Marion Co.

# Q: *How many ash will die?* A: >90%

***Slowing the mortality, preparing communities is the best strategy***



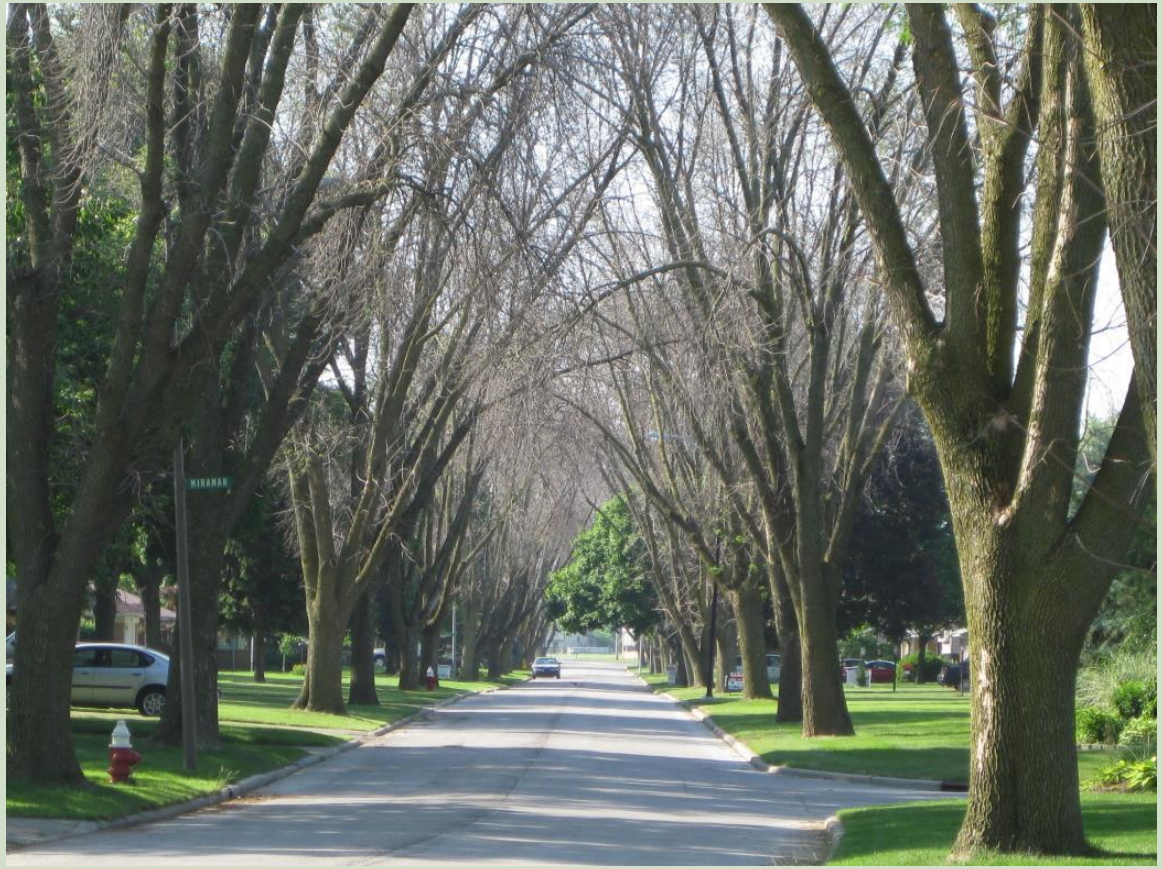



Oregon ash, Ankeny NWR
Oregon Dept. Forestry

Dead/dying black ash
Virginia Dept. Forestry

# Significant impact to Oregon's urban forests

Before EAB 2006



After EAB 2009

Photo: Dan Herms

# Summary

# www.OregonEAB.com

- Significant mortality in the next 10-20 years
- Survey & monitor spreading populations
- Education/Outreach
- Help communities develop EAB plans
- Opportunities for wood innovation & utilization



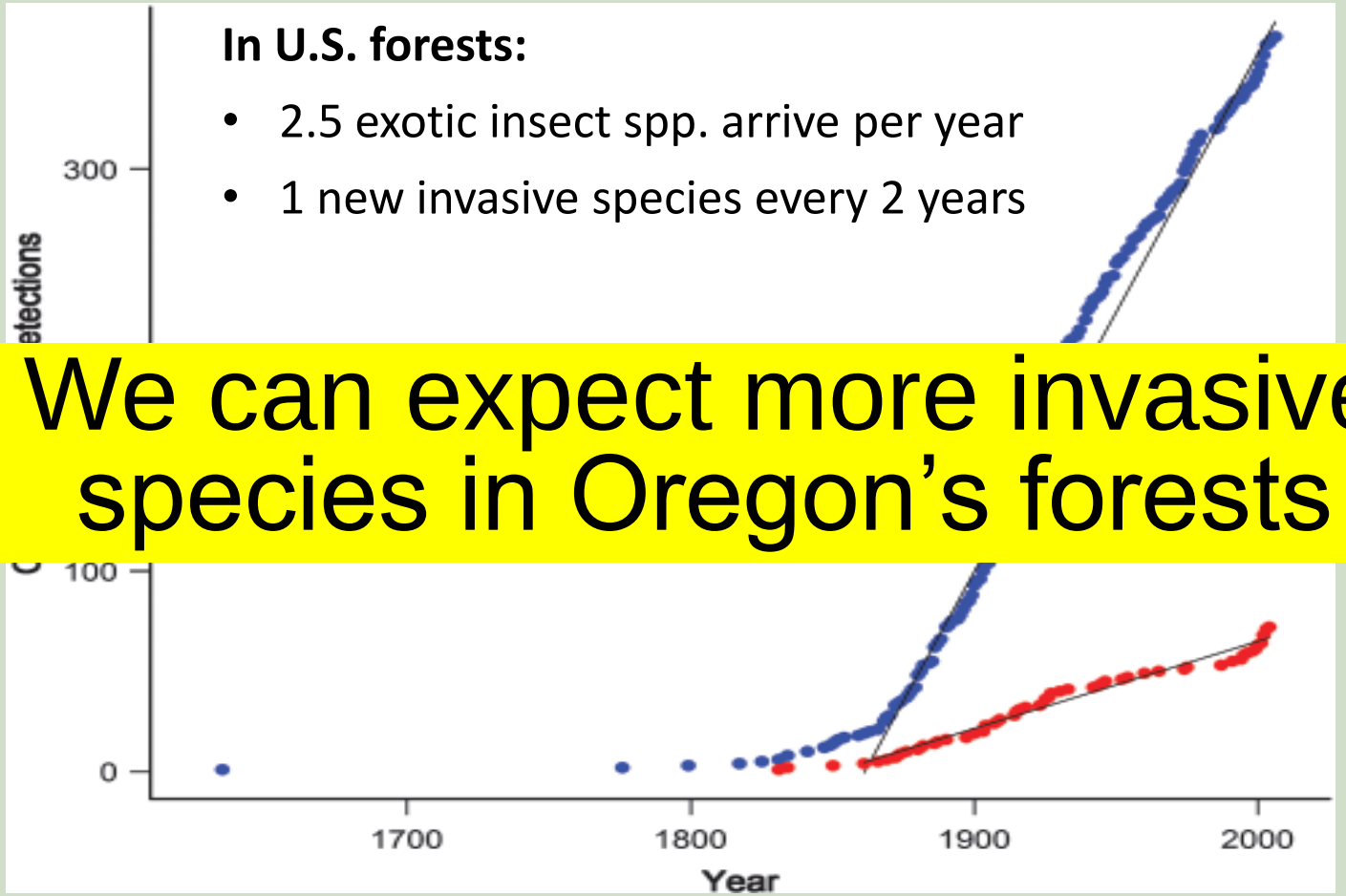
| | |
|---|---|
| EAB funding to date | State: $450,000 eboard funds, ODA |
| | Fed: $700,000 BIL Infrastructure, ODF |
| | Total: $1.1 million |

# *How are invasive pests getting here?*

1. Live plant trade (~70% of species)
2. Wood packing material (~25% of species)

Liebhold et al. 2012


# *Despite safeguards, invasions continue*




**We can expect more invasive species in Oregon's forests**

**Blue** = All non-native forest insects
**Red** = Invasive forest insects and disease

Aukema et al. 2010.

Mediterranean oak borer

https://tinyurl.com/MOB-oregon