

Are you smarter than a plant pathologist? Beat the geeks! Name that pest!



Susan Frankel,
USDA Forest Service,
Pacific Southwest Research Station,
Albany, CA, sfrankel@fs.fed.us



What's killing these trees?





Polyphagous Shot Hole Borer (*Euwallacea* sp.) and Fusarium Dieback (*Fusarium* sp.)

- Los Angeles and Orange Counties
- Hosts: Coast live oak, box elder, avocado, big leaf maple, California sycamore and others

What's most likely killing these trees?



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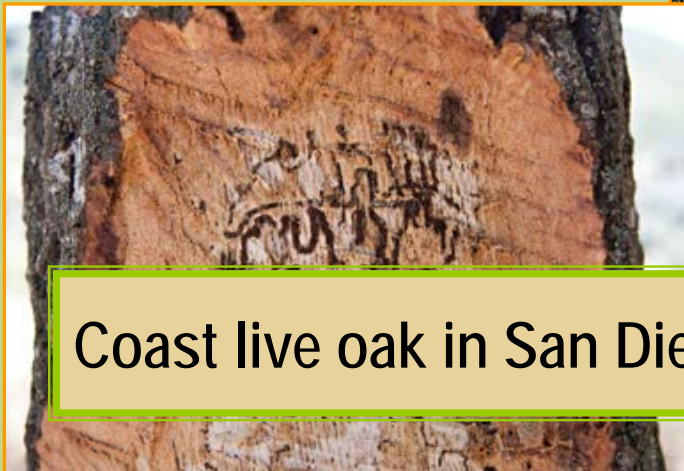
What's killing these trees?

What tree species are susceptible to this pest?

Approximately where are the trees located?

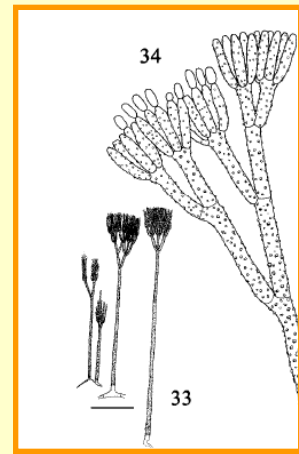


Gold spotted oak borer, *Agrilus auroguttatus*

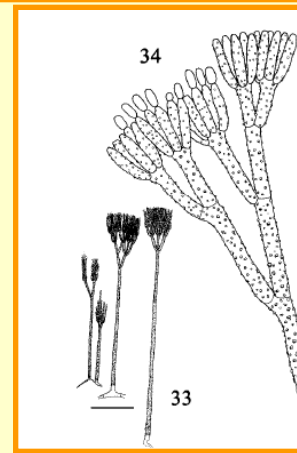


Coast live oak in San Diego Co. and CA black oak in Riverside Co.

What's most likely killing this tree?



Foamy Bark Canker



Geosmithia pallida and
western oak bark beetle



What caused the deformity on these acorns?





The presence of these fungi indicates the tree may be _____?





Echinodontium tinctorium,
Indian paint fungus

The presence of these fungi
indicates the tree may be
decayed & hazardous.



Pycnoporellus alboluteus



Pleurotus, Oyster fungus



Ganoderma applanatum, Artist's Conk

What type of trees does this pest kill?



Actual size is 1.5 inches

Palms.

1.Red Palm Weevil, *Rhynchophorus ferrugineus*

2.South American Palm Weevil, *Rhynchophorus palmarum*



San Ysidro (San Diego Co.) 2011



Credit: UC Riverside; Center for Invasive species Research

Acknowledgements

USDA Forest Service,
Pacific Southwest Research Station



Laurel Wilt – Threat to California Bay Laurel

Redbay ambrosia beetle,
Xyleborus glabratus

Raffaelea lauricola – a fungus



Credit: UC Riverside, Center for Invasive Species Research