

Eucalyptus Longhorned Borers



WHAT:

There are two species of longhorned borers that attack Eucalyptus in Southern California: *Phoracantha recurva* and *Phoracantha semipunctata*. Eucalyptus often go unmanaged/minimally managed, and unirrigated. Some species of Eucalyptus planted in California are from wetter areas of Australia so when they experience prolonged dry periods, or drought, these species are especially susceptible to being attacked and killed by borers.

WHERE:

Freshly cut wood, dying limbs and trees suffering from stress, especially drought stress, attract both of these species of beetle. More susceptible species include: blue gum, flooded gum, Karri gum, manna gum and more. Eucalyptus species displaying a resistance are: lemon gum, sugar gum and red iron bark, among others.



Mature larva while tunneling. Frass packs the entryway

SYMPTOMS:

Holes in bark, oozing (kino) along limbs or trunk, foliage bronzing/ discoloration and wilting, die-back.

HOW:

The cultural environment should be reviewed and adjusted while prized or otherwise valued Eucalyptus in any landscape shall be treated preventively. They can attack any species, and stress increases the likelihood.

Consult with one of our Urban Forestry Experts to find out when and how your pine or other conifer tree would best be treated.



Exudance from entry points

Prescribe a preventative program curated for your trees today.



Galleries from larval feeding

More susceptible	More resistant
blue gum, <i>E. globulus</i>	hybrid, <i>E. trautii</i>
flooded gum, <i>E. grandis</i>	lemon gum, <i>E. citriodora</i>
Karri gum, <i>E. diversicolor</i>	mountain gum, <i>E. dalrympleana</i>
manna gum, <i>E. viminalis</i>	red ironbark, <i>E. sideroxylon</i>
round leaved/red flowered, <i>E. platypus/nutans</i>	river red gum, <i>E. camaldulensis</i>
shining gum, <i>E. nitens</i>	sugar gum, <i>E. cladocalyx</i>
Sydney blue gum, <i>E. saligna</i>	swamp mahogany, <i>E. robusta</i>

Adapted from Hanks, L. M., T. D. Paine, J. G. Millar, and J. L. Hom. 1995. Variation among *Eucalyptus* species in resistance to eucalyptus longhorned borer in southern California. *Entomologia Experimentalis et Applicata*. 74:185-194.