



Bartlett Tree Research Laboratories

Diagnostic Report

Client:	Ichijo Technological Homes Frog Pond Estates 7070 SW Frog Pond Ln Wilsonville, Oregon 97070	Sample Number: 472456 Test Requested: Visual/Microscopic Exam
Submitter:	Lyle Feilmeier lfeilmeier@bartlett.com	Plant Name: Oregon White Oak (<i>Quercus garryana</i>)
Office:	Clackamas, OR	
Submission Date:	23-Aug-23	
Date Collected:	22-Aug-23	

Diagnosis:

Microscopic examination of the submitted adult ambrosia beetles revealed features consistent with the Mediterranean oak borer, *Xyleborus monographus*. Images of the characteristic pattern for this species on the elytra are attached. This is an invasive beetle found on the west coast which has been found attacking various species of oak. The life history of this beetle has not been well evaluated in the invaded range but two or more generations per year are likely.

Recommendations:

Trees which are known to be infested should be treated with both an insecticide as well as a fungicide. Refer to the Bartlett Pest Recommendations for the Polyphagous shothole borer for product and rate details. Although these products have proven effective for similar species such as PSB, very limited work has been done with MOB to validate similar efficacy.



Diagnosed by:
Jeremy Slone, Ph.D.