






# Technical Bulletin for: Macadamia Nut Borer

*Cryptophlebia ombrodelta* (Linnaeus) • Lepidoptera, Tortricidae • CRYOMB



<b>DISTRIBUTION</b>	Asia, India, Australia and Hawaii.
<b>HOSTS</b>	Macadamia, lychee, longan, and many exotics grown as ornamentals including bauhinia, bird of paradise tree, the native cupania, easter cassia, golden rain tree, mimosa bush, poinciana, schotia and tamarind.
<b>DESCRIPTION</b>	
<b>ADULT MOTH</b>	Reddish-brown and measures 23-25 mm across the extended wings.
<b>LARVAE</b>	Pink with dark green spots, about 20 mm long at maturity.
<b>EGGS</b>	Ivory white at first, then changing to pink and finally black just prior to hatching.
<b>LIFE HISTORY</b>	The eggs are laid individually on or near the fruit. During the summer they hatch in 4-6 days. The larval stage lasts 3-4 weeks, and moths emerge after a pupal period of 8-10 days. The life cycle, from egg-laying to moth emergence, takes about five weeks.

## MONITORING INFORMATION

<b>LURE ACTIVE INGREDIENTS, SUBSTRATES &amp; FIELD LIFE</b>	Z8-12Ac in a Red Rubber Septum. Lure Longevity: Thirty (30) days.	
<b>TRAP TO USE</b>	Red Paper or Plastic Delta Trap	 
<b>MONITORING STRATEGY</b>	Check with Cooperative Extension or Master Gardener for local information and recommendations.	
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	A recommended preventative measure is destroying the fallen, damaged host fruits before the adults emerge.	

**Alpha Scents, Inc.**  
insect monitoring systems

Alpha Scents, Inc., 360 S. Sequoia Pkwy. Canby, OR 97013  
TEL: 503-342-8611 • FAX: 314-271-7297 • sales@alphascents.com • www.alphascents.com