

A large number of monarch butterflies are clustered on green leaves, creating a vibrant, textured background. The butterflies are in various stages of activity, some resting and others in flight. The text is overlaid on this scene.

# Monarch Butterfly Inventory and Habitat Management Plan

Daniel E. Meade, Ph.D.

Althouse and Meade, Inc.

# Work progress

- Year One Inventory – 27,100 peak
- Habitat Assessment – complete
- Year Two Inventory – Under way
- Management Plan – in progress



Ellwood Main aggregation site



Ellwood North



*Eucalyptus sideroxylon*, Red Iron Bark



December 20, 2011



0 0.05 0.1 0.2 Miles

Althouse and Meade, Inc.

	Escarpment Area/Wetland		Elevated Area
			Elevated North
			Sandspire



Longhorned borer beetle  
*Phoracantha semipunctata*





Lerp psyllid damage



Redgum Lerp psyllid  
*Glycaspis brimblecombei*



Eucalyptus leaf  
beetle  
(*Chrysophtharta  
m-fuscum*)















# Fuel Management

	30 feet to structures	30 to 100 feet to structures
Grass	4 inches	4 inches, or longer in isolation
Dead/down	Clear	Reduce
Brush/shrubs	Reduce spacing	Reduce spacing
Trees w/o brush	Trim or thin 10-20 ft.	Trim or thin 10 ft.
Trees with brush	Trim or thin 10-20	Trim or thin 10 ft.

Trim or thin only trees that do not provide protection to monarch butterfly aggregation sites



Special conditions areas

1090 ft

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Imagery Date: Aug 29, 2010

lat 34.425790° lon -119.895699° elev 51 ft

Eye alt 3769 ft

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