

Ants of Bodega Marine Reserve

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This report lists the species of ants (Hymenoptera: Formicidae) identified from the UC Bodega Marine Reserve, Sonoma County, California (38°19'N, 123°04'W). The list is based on collections made by P. S. Ward on 21 Nov 1982, 10 April 1983, 24 May 1986, 22 May 1988, and 24 April 1993, and by Susan Harrison on 28 April 1993 and 27 May 1993.

A striking feature of the ant fauna of Bodega Bay is its depauperate nature. The total of 13 species can be compared with that of San Bruno Mountain (another site dominated by coastal scrub) with 27 species. All of the ant species at Bodega Bay Reserve are ground-nesting—there being little scope for arboreal ants—and most are generalist scavengers and epigeic (ground surface) foragers. *Hypoponera opacior* is exceptional in being primarily predacious and hypogeic (below ground). *Formica lasioides* is the dominant ant species at most sites.

Subfamily, species	Nesting habits (A = arboreal) (G = ground)	Feeding habits (O = omnivore/scavenger) (P = predator) (S = seed-harvester)
Dolichoderinae		
<i>Tapinoma sessile</i>	G	O
Formicinae		
<i>Camponotus vicinus</i>	G	O
<i>Formica lasioides</i>	G	O
<i>Formica subpolita</i>	G	O
<i>Formica transmontanis</i>	G	O
<i>Lasius pallitarsis</i>	G	O
Myrmicinae		
<i>Aphaenogaster occidentalis</i>	G	O
<i>Leptothorax andrei</i>	G	O
<i>Leptothorax</i> sp. cf. <i>andrei</i>	G	O
<i>Leptothorax nitens</i>	G	O
<i>Monomorium ergatogyna</i>	G	O
<i>Solenopsis molesta</i>	G	O
Ponerinae		
<i>Hypoponera opacior</i>	G	P

List date: 8 April 2003