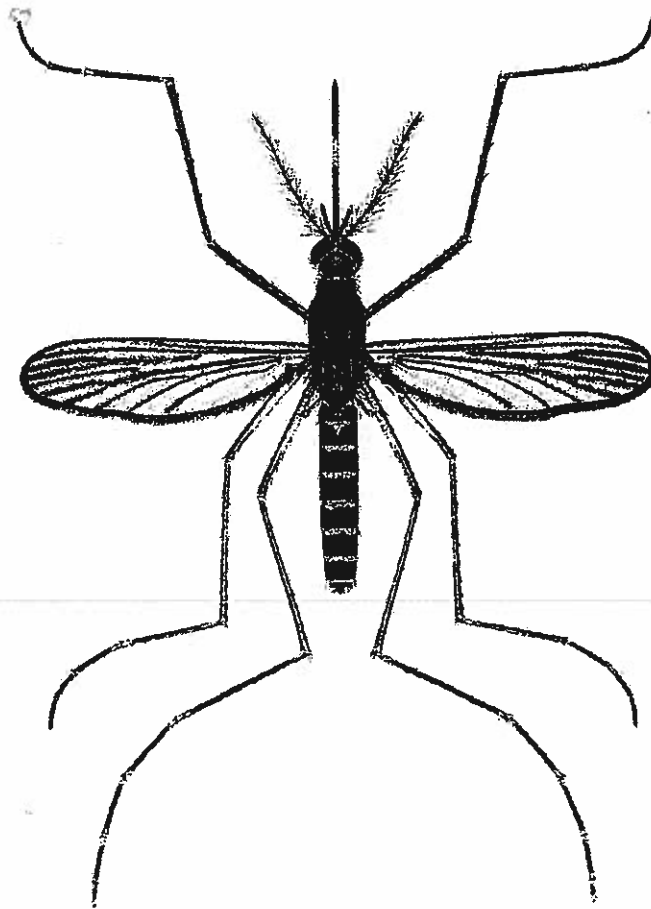


***GUIDE TO THE  
COMMON MOSQUITOES OF  
CALIFORNIA***



***I. COASTAL CALIFORNIA***

*MOSQUITO AND VECTOR CONTROL ASSOCIATION OF CALIFORNIA  
Sacramento, California*

***REGIONAL GUIDE TO THE  
COMMON MOSQUITOES OF  
CALIFORNIA***

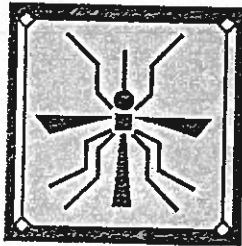
***I. COASTAL CALIFORNIA***

by

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Edited by

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This is a publication of the  
**Mosquito and Vector Control Association of California (MVCAC)**

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(SLE) viruses. SLE transmission does occur in a number of coastal communities (e.g., Long Beach and Irvine) of southern California where local climatic regimens are appreciably warmer. Recently, a California group encephalitis (CE), Morro Bay (MB), virus was isolated from *Ochlerotatus squamiger* (Coquillett) at Morro Bay. The virus may produce either a relatively mild or undetectable infection in coastal residents. Immune studies have revealed the presence of MB antibodies in domestic pets presumably exposed to *Oc. squamiger* bites.

The region supports a number of uniquely "Californian" mosquito species. For example *Oc. squamiger* is restricted to coastal salt marshes south of Mendocino County and overlaps with *Oc. taeniorhynchus* (Wiedemann) south of San Luis Obispo County to the border of Baja California. Coastal streams and ponds with growths of filamentous algae support both *Anopheles occidentalis* Dyar & Knab and *Cx. reevesi* Wirth. Locally, *Cx. reevesi* extends further inland than *An. occidentalis*. It has been said that *An. occidentalis* characteristically occurs within "sight" of the Pacific Ocean. Isolated on the western fringe of North America, the possibility of discovering new species or range extensions within the coastal region is not likely. Future searches of extreme northern Del Norte County may yield *Oc. aboriginis* Dyar and *Culiseta minnesotae* Barr. Coastal vector control agencies should be vigilant against a fortuitous introduction (via cargo and commerce) of either the Yellow Fever Mosquito, *Aedes aegypti* Linnaeus, or the Asian Tiger Mosquito, *Ae. albopictus* Skuse.

### REGIONAL DIVISION OF CALIFORNIA COUNTIES

#### I - Coastal California

Alameda	Mendocino	Santa Clara
Contra Costa	Monterey	Santa Cruz
Del Norte	Napa	Solano
Humboldt	San Benito	Sonoma
Lake	San Francisco	
Marin	San Mateo	

#### II - Great Basin and Eastern Sierras

Alpine	Mono	Siskiyou
Inyo	Plumas	Trinity
Lassen	Shasta	
Modoc	Sierra	

#### III - Central Valley and Western Sierras

Amador	Kings	Stanislaus
Butte	Madera	Sutter
Calaveras	Mariposa	Tehama
Colusa	Merced	Tulare
El Dorado	Nevada	Tuolumne
Fresno	Placer	Yolo
Glenn	Sacramento	Yuba
Kern	San Joaquin	

#### IV - Southern California

Imperial	Riverside	San Luis Obispo
Los Angeles	San Bernardino	Santa Barbara
Orange	San Diego	Ventura



## ACKNOWLEDGMENTS

The completion of this regional mosquito identification manual was made possible by the efforts of many organizations and dedicated individuals. The author extends his sincere thanks to all of those who helped make this publication a reality.

Past and present members of the Mosquito and Vector Control Association of California Publications Committee, currently chaired by Dr. Jack E. Hazelrigg, along with a select cadre of regional biologists and entomologists who provided constructive guidance in the selection of the species presented in this manual. Therefore, the following individuals and respective organizations should be recognized for their deserving efforts:

Stephen L. Durso, formerly with Antelope Valley Mosquito and Vector Control District, who helped with the critical review of the text, formatting of the keys, and style presentation of the accompanying biological information.

James Caton, formerly with Delta Vector Control District, for his efforts in developing the arrangement of the species presented in the keys.

Scott Monsen of the Washoe County Health Department; Mike Seth, formerly with the Shasta County Mosquito and Vector Control District; and Glenn Yoshimura and Stan Wright of the Sacramento-Yolo Mosquito and Vector Control District; all whom provided their valued recommendations for the final selection of the common mosquito species included in the adult and larval keys.

Jodie Stoddard, Justine Keller, and Cheryl Stewart (formerly) of the Orange County Vector Control District for their efforts in preparing the drafts and final copy of this manual.

The Board of Directors and Officers of the American Mosquito and Vector Control Association who graciously granted their permission to reprint selected figures from *Identification and Geographical Distribution of the Mosquitoes of North America, North of Mexico* by R. F. Darsie and R. W. Ward.

The Board of Directors and Officers of the Mosquito and Vector Control Association of California who recognized the need for the development and eventual publication of the regional mosquito guide series.

### THE MOSQUITOES OF CALIFORNIA (HIGHLIGHTING THOSE OF THE GREAT BASIN AND EASTERN SIERRA)

* <i>Anopheles franciscanus</i>	* <i>Ochlerotatus melanimon</i>	* <i>Culex pipiens</i>
* <i>Anopheles freeborni</i>	* <i>Ochlerotatus nigromaculis</i>	* <i>Culex quinquefasciatus</i>
** <i>Anopheles hermsi</i>	<i>Ochlerotatus niphadopsis</i>	** <i>Culex reevesi</i>
** <i>Anopheles occidentalis</i>	<i>Ochlerotatus pullatus</i>	** <i>Culex restuans</i>
* <i>Anopheles punctipennis</i>	<i>Ochlerotatus purpureipes</i>	* <i>Culex stigmatosoma</i>
	<i>Ochlerotatus schizopinax</i>	* <i>Culex tarsalis</i>
** <i>Aedes hemiteleus</i>	* <i>Ochlerotatus sierrensis</i>	** <i>Culex territans</i>
* <i>Aedes vexans</i>	* <i>Ochlerotatus squamiger</i>	* <i>Culex thriambus</i>
	<i>Ochlerotatus sticticus</i>	
<i>Ochlerotatus atropalpus</i>	<i>Ochlerotatus taeniorhynchus</i>	** <i>Culiseta impatiens</i>
** <i>Ochlerotatus bicristatus</i>	<i>Ochlerotatus tahoensis</i>	* <i>Culiseta incidens</i>
<i>Ochlerotatus campestris</i>	<i>Ochlerotatus thelcter</i>	* <i>Culiseta inornata</i>
<i>Ochlerotatus cataphylla</i>	<i>Ochlerotatus ventrovittis</i>	* <i>Culiseta particeps</i>
<i>Ochlerotatus clivis</i>	* <i>Ochlerotatus washinoi</i>	
<i>Ochlerotatus deserticola</i>		** <i>Coquillettidia perturbans</i>
* <i>Ochlerotatus dorsalis</i>	<i>Culex anips</i>	** <i>Orthopodomyia signifera</i>
** <i>Ochlerotatus fitchii</i>	* <i>Culex apicalis</i>	
<i>Ochlerotatus flavescens</i>	* <i>Culex boharti</i>	<i>Psorophora columbiae</i>
<i>Ochlerotatus hexodontus</i>	<i>Culex erraticus</i>	<i>Psorophora signipennis</i>
<i>Ochlerotatus increpitus</i>	* <i>Culex erythrothorax</i>	<i>Uranotaenia anhydor</i>

\* Species found in this region which are included in the keys.

\*\* Species found in this region which are not included in the keys.