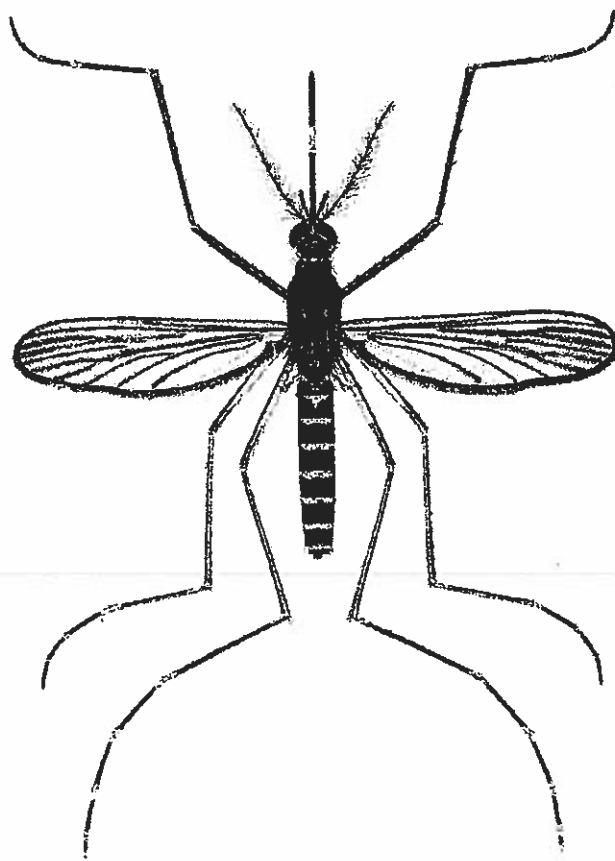


***GUIDE TO THE  
COMMON MOSQUITOES OF  
CALIFORNIA***



***II. THE GREAT BASIN AND  
EASTERN SIERRA***

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

*REGIONAL GUIDE TO THE  
COMMON MOSQUITOES OF  
CALIFORNIA*

*II. THE GREAT BASIN AND  
EASTERN SIERRA*

by

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Edited by

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(WEE) vectored by *Culex tarsalis*, have been documented in the agricultural valleys east of the Cascades and Sierra Nevada Mountains. This potential also exists for the recently introduced West Nile Virus (WNV).

The indigenous mosquito fauna of the region is largely dominated by univoltine *Ochlerotatus* species associated with vernal floodwater and snow-melt pools. Montane terrain and alpine environs support Great Basin species like *Oc. cataphylla* (Dyar), *Oc. fitchii* (Felt & Young), *Oc. increpitus* Dyar, and *Culiseta impatiens* (Walker). By comparison, the open "sagebrush" plains and valleys of the Modoc Plateau contain alkaline to semi-alkaline cattail/tule marshes and grassy pools that support *Oc. niphadopsis* Dyar & Knab, *Oc. campestris* Dyar & Knab, and *Oc. flavescens* (Muller). Future searches of inaccessible areas of the Siskiyou, Klamath, and the Warner Mountains along our northern borders may eventually reveal the presence of a number of species that are found just to the north in extreme southern Oregon and northeastern Nevada. Thus, new range extensions may include *Oc. aboriginis* Dyar, *Oc. aloponotum* Dyar, *Oc. implicatus* Vockeroth, *Oc. impiger* (Walker), *Oc. nevadensis* Chapman & Barr, *Oc. spenceri* (Theobald), and *Cs. minnesotae* Barr.

REGIONAL DIVISION OF CALIFORNIA COUNTIES

<u>I - Coastal California</u>		
Alameda	Mendocino	Santa Clara
Contra Costa	Monterey	Santa Cruz
Del Norte	Napa	Solano
Humboldt	San Benito	Sonoma
Lake	San Francisco	
Marin	San Mateo	
<u>II - Great Basin and Eastern Sierras</u>		
Alpine	Mono	Siskiyou
Inyo	Plumas	Trinity
Lassen	Shasta	
Modoc	Sierra	
<u>III - Central Valley and Western Sierras</u>		
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	
<u>IV - Southern California</u>		
Imperial	Riverside	San Luis Obispo
Los Angeles	San Bernardino	Santa Barbara
Orange	San Diego	Ventura



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### 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>Aedes hemiteleus</i>	** <i>Ochlerotatus schizopinax</i>	* <i>Culex tarsalis</i>
* <i>Aedes vexans</i>	* <i>Ochlerotatus sierrensis</i>	** <i>Culex territans</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.