

A List and Bibliography of the Mosquitoes in Arizona

by

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Because of the diversity of Arizona's mosquitoes, as well as their potential threat to public health, studies concerning them are of great importance. Murphy (1953) published the first list of Arizona species. Carpenter and La Casse (1955) provided a considerable amount of information about Arizona's mosquitoes and their work was significantly expanded by Richards, Nielsen and Rees (1956). Further information contained in publications by Aitken (1945), Bohart (1948), Belkin and McDonald (1957), McDonald and Belkin (1960), Rigby, Blakeslee and Forehand (1963), Burger (1965), Nielsen, Arnell and Linam (1967), Nielsen et al. (1968), Nielsen, Wolff and Linam (1973), Rigby (1968), Zavortink (1968, 1969a, 1969b, 1970a, 1970b, 1972), Arnell and Nielsen (1972), McDonald et al. (1973), and Wolff, Nielsen and Linam (1974) has provided an enlarged and expanded understanding of the State's mosquito populations.

The following is a list of the mosquitoes which are known to occur in Arizona, as of March 1974:

<i>Aedes</i>		<i>Culex</i>	
^{4/} <i>aegypti</i>	(L.)	<i>apicalis</i>	Adams
<i>burgeri</i>	Zavortink	<i>arizonensis</i>	Bohart
<i>cataphylla</i>	Dyar	<i>coronator</i>	Dyar & Knab
<i>dorsalis</i>	(Meigen)	<i>erythrothorax</i>	Dyar
<i>epactius</i>	Dyar and Knab	<i>nigripalpus</i>	Theobald
<i>fitchii</i>	(Felt & Young)	<i>peus</i>	Speiser
<i>implicatus</i>	Vockeroth	<i>pipiens</i>	
<i>increpitus</i>	Dyar	<i>quinquefasciatus</i>	Say
<i>infirmatus</i>	Dyar & Knab	<i>restuans</i>	Theobald
<i>monticola</i>	Belkin & McDonald	<i>tarsalis</i>	Coquillett
<i>muelleri</i>	Dyar	<i>territans</i>	Walker
<i>nigromaculis</i>	(Ludlow)	<i>thriambus</i>	Dyar
<i>papago</i>	Zavortink	<i>Culiseta</i>	
<i>pullatus</i>	(Coquillett)	<i>incidens</i>	(Thomson)
<i>purpureipes</i>	Aitken	<i>inornata</i>	(Williston)
<i>sollicitans</i>	(Walker)	<i>particeps</i>	(Adams)
<i>taeniorhynchus</i>	(Wiedemann)	<i>Orthopodomyia</i>	
<i>trivittatus</i>	(Coquillett)	<i>kummi</i>	Edwards
<i>varipalpus</i>	(Coquillett)	<i>signifera</i>	(Coquillett)
<i>vexans</i>	(Meigen)		

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^{4/} Not collected in the past several years.

<i>Anopheles</i>		<i>Psorophora</i>	
<i>freeborni</i>	Aitken	<i>confinnis</i>	(Lynch-Arribal- zaga)
<i>juditheae</i>	Zavortink	<i>discolor</i>	(Coquillett)
<i>franciscanus</i>	McCracken	<i>howardii</i>	(Coquillett)
		<i>signipennis</i>	(Coquillett)
		<i>Toxorhynchites</i> sp.	Theobald
		<i>Uranotaenia</i>	
		<i>anhydor</i>	Dyar

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