

MOSQUITOES COLLECTED IN THE VICINITY OF MARQUETTE, MICHIGAN DURING THE SUMMER OF 1959

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The following collection of adult female mosquitoes was made during the summer of 1959 in and around Marquette, Michigan, which is located on the south shore of Lake Superior at an average elevation of about 700 feet above mean sea level. Marquette's average annual temperature is 42.2°, and ranges from 18.7° in January to 66.1° in July. Normal precipitation is near 32 inches and averages slightly over 3 inches per month during the growing season (U. S. Weather Bureau, Marquette).

This random collection was made by the author while attending a summer institute held at Northern Michigan College and sponsored by the National Science Foundation. The accompanying checklist is based on 295 adult specimens representing 17 species, one with two subspecies, collected during day and night biting tests. *Aedes atropalpus* Coquillett, *Aedes canadensis mathesoni* Middlekauff, and *Aedes trivittatus* Coquillett are reported from Michigan for the first time. The collection is de-

posited at Reavis High School, Oak Lawn, Illinois.

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Michigan Mosquitoes

TABLE 1.—Number of specimens and date collected.

Scientific Name	June					July						Total	
	23	24	25	26		7	9	9 ¹	11	12 ²	12 ³		16
	<i>Anopheles punctipennis</i> Say								1				
<i>Anopheles quadrimaculatus</i> Say								1					1
<i>Aedes atropalpus</i> Coquillett		1	1	2			1			65	3	12	85
<i>Aedes canadensis canadensis</i> Theobald		3					1				1		4
<i>Aedes canadensis mathesoni</i> Middlekauff							3						4
<i>Aedes cinereus</i> Meigen		5	8	6	5	3	5	3		5	2	2	44
<i>Aedes implicatus</i> Vockeroth		2	1	1			2						5
<i>Aedes punctor</i> Kirby		1	2										3
<i>Aedes riparius</i> Dyar and Knab												1	1
<i>Aedes stimulans</i> Walker		5	2			1		1	2		1	1	13
<i>Aedes sticticus</i> Meigen	17	6	3	2	24	17	2	3	5		10		89
<i>Aedes triseriatus</i> Say		1						1					2
<i>Aedes trivittatus</i> Coquillett												1	1
<i>Aedes vexans</i> Meigen		1	2	1			2	11	1		2		20
<i>Culex erraticus</i> Dyar and Knab		3	1							1	1		6
<i>Culiseta impatiens</i> Walker				1								1	2
<i>Culiseta inornata</i> Williston				1									2
<i>Mansonia perturbans</i> Walker						3	1	2				2	12
Total	17	28	19	14	29	24	17	23	8	75	20	21	295

¹ Night biting.
² Sugar Loaf Mt.
³ Presque Isle.