

The above description applies to specimens collected at Banff by Hearle and identified by him as *A. aldrichi*.

Aedes aurifer (Coquillett)

Fig. 41

Description

Head rounded, almost as long as wide. Antenna long, as long as head, arched, broadened along basal two-thirds, pigmented and spined distally; tuft beyond middle. Head hairs: upper and lower in two, small tufts between upper hairs. Prothoracic hair formula 1 2 1 - 1 - 1 1 2. Lateral abdominal hairs double on segments one to five. Comb of eighth segment in an irregular double row; each scale with a median spine and lateral spinules. Anal segment not ringed by the dorsal plate, the latter with a deep emargination on the lower posterior angle. Siphon 3 X 1, gradually tapering; pecten of closely set teeth, the last one detached, followed by a large tuft.

Distribution

In Western Canada this species is limited to southern Manitoba.

Aedes cyclocerculus Dyar

Fig. 42 (Redrawn from Dyar (2))

Description

The writer has no specimens. The description that follows is taken from Dyar.

Head rounded, bulging at the sides; antennae moderate, sparsely spined, with a tuft about the middle. Head hairs upper one to three, lower two to one, anteantennal tuft about six. Lateral comb of the eighth segment of six or seven scales in a row. Air tube three times as long as wide, pecten fine and even, not quite reaching the middle, followed by a five haired tuft. Anal segment ringed by the plate, short and quadrate, the ventral brush posterior. Dorsal tuft a long hair and brush on each side. The larvae are small and dark and occur gregariously in certain pools.

Distribution

Coast of British Columbia and Alaska within the barrier-island region.

Aedes triseriatus (Say)

Fig. 43 (Redrawn from Matheson (8))

Description

The writer has no specimens. The following description is adopted from Matheson.

Head rounded, about as long as wide. Antennal tuft a single hair, situated near the middle. Head hairs: upper long and single, lower short and triple, a pair of small multiple tufts between lower hairs. Prothoracic hair formula

3 1 1 - 3 - 3 1 3. Lateral abdominal hairs triple on first segment, double on segments two to six. Numerous secondary hairs and tufts. Comb on eighth segment in irregular row of about a dozen scales. Anal segment not ringed. Dorsal plate with a multiple tuft on the lower posterior angle. Siphon 3 X 1, abruptly narrowed beyond pecten; pecten of closely set teeth, none detached, reaching the middle, followed by a tuft of one or two hairs.

Distribution

This is a tree-hole breeding mosquito which has also been reared from pitcher plants and artificial containers. According to Twinn (14) the distribution in Western Canada includes Saskatchewan and British Columbia.

Acknowledgments

This guide is an outgrowth of a study of the mosquitoes of Saskatchewan begun in 1942 and continued over a period of several years. The study was made possible through grants received from the following:

The Division of Entomology,
Science Service,
Dominion Department of Agriculture,
Ottawa.

The Saskatchewan Research Council.

The Department of Public Health,
Government of Saskatchewan,
Regina, Sask.

The University of Saskatchewan,
Saskatoon, Sask.

Although the great majority of species discussed here have been collected by the author, representatives of several species were kindly loaned him by the following:

The Systematic Unit,
Division of Entomology,
Ottawa.

The United States National Museum,
Washington, U.S.A.

The Dominion Livestock Insects Laboratory,
Kamloops, B.C.

Dr. Robert Matheson,
Cornell University,
Ithaca, N.Y.