

# NOTES ON PENNSYLVANIA MOSQUITOES

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In a recent article, Wilson, Barnes, and Fellton (1946) published a list of the mosquitoes known to occur in Pennsylvania as of that date, and indicated the localities at which each species had been found.

During the war, the writer was stationed for several months at Carlisle Barracks near Carlisle, Cumberland County, Pennsylvania, and although not engaged in mosquito survey or control work, he was able to make a few collections of the insects. The notes which follow are a result of these collections. Of the mos-

quitoes listed all but *Megarhinus septentrionalis* Dyar & Knab have been previously recorded from the state, but new locality records are given for several species.

Most of the species listed were collected in a camping area located some eight miles north and west of Carlisle. This is not intended as a complete list of mosquitoes occurring in this region, but includes only those species that were collected and which were identified with certainty. General data are included for each species, and the date of collection, if

such a record was made. The writer was assisted in some of this work by Dr. Mortimer I. Benioff. The species are arranged alphabetically.

*Aedes triseriatus* (Say). Several adults trying to bite, and a few larvae and pupae from a tree hole, September 8, 1945.

*Aedes trivittatus* (Coquillett). Two females collected October 10, 1945, trying to bite.

*Aedes vexans* (Meigen). Many larvae and pupae in woodland pool, August 10, 1945. Emerged as adults in the laboratory.

*Anopheles punctipennis* (Say). Large numbers of this anopheline were collected both as larvae and as adults in August, 1945. Larvae were found in ruts, pools and grassy streams, while adults were collected under bridges, in barns and other outhouses. This species has previously been recorded from Carlisle (Wilson et al. 1946).

*Anopheles quadrimaculatus* Say. One female found under bridge, September 6, 1945.

*Culex pipiens* Linnaeus. Large numbers of larvae and some adults collected during August 1944. Previously recorded from Carlisle (Wilson et al. 1946).

*Culex restuans* Theobald. Larvae found in woodland pool, August 4, 1944. Previously reported from Carlisle (Wilson et al. 1946).

*Culex salinarius* Coquillett. Larvae found in woodland pool, August 4, 1944.

Previously recorded from Carlisle (Wilson et al. 1946).

*Culiseta inornata* (Williston). Two females under bridge, September 7, 1945.

*Megarhinus septentrionalis* Dyar & Knab. One second or third instar larva of this species collected from a tree hole. This specimen was reared by feeding with *Aedes aegypti* larvae from a colony the writer was maintaining in the laboratory. It emerged as an adult male.

So far as could be determined, this is the first record of this species from Pennsylvania.

*Orththopodomyia signifera* (Coquillett). Several larvae collected in tree hole, October 1, 1945. These emerged in the laboratory as adults several days later.

*Psorophora ferox* (Humboldt). Several females collected trying to bite, September 7, 1945. On the basis of this collection and other incidental observations, the writer does not believe that this species is as "extremely rare" in some parts of the state as previously thought (Wilson et al. 1946).

*Psorophora ciliata* (Fabricius). One larva brought into the laboratory for identification. This specimen later emerged as an adult female.

#### Literature Cited

- WILSON, CLIFTON A., BARNES, RALPH C., AND FELLTON, HERMAN L. 1946. A List of the Mosquitoes of Pennsylvania with Notes on Their Distribution and Abundance. MOSQUITO NEWS, 6:78-84.