

RECORDS OF *ANOPHELES QUADRIMACULATUS* SAY FOR THE FLORIDA KEYS¹

ERNESTINE H. BASHAM² AND JAMES S. HAEGER³

Anopheles quadrimaculatus Say has been reported by Elmendorf (1941) as occurring in 51 counties in Florida. Prior to 1946, the species had been reported from every county in Florida with the exception of Monroe County,⁴ located in the southernmost region of the peninsula and including the Florida Keys.

Near Pinecrest, located on State Road #94 in the northeastern section of the mainland area of Monroe County, four males and eight females of *A. quadrimaculatus* Say were collected July 18, 1946, in an abandoned trailer by D. C. Thurman, Jr. (1948). This collection is the first known record from Monroe County. Pritchard, et al. (1947) state *A. quadrimaculatus* Say is known to occur in the Miami region (Dade County), adjacent to the Florida Keys. However, the species

was not found in collections of hundreds of larvae and adult mosquitoes taken in surveys of the Keys in 1945, 1946 and the Spring of 1947.

During an extensive Mosquito Survey of South Florida which began in September, 1947, *A. quadrimaculatus* Say was discovered on the Keys. The following records have been obtained:

Plantation Key, three females collected from a spider web in an unscreened house, November 4, 1947 (James S. Haeger); Rock Harbor, one female taken in a light trap, November 14, 1947; and Big Pine Key State Road Camp #8514, one female taken in a light trap, December 6, 1947.

Literature Cited

- ELMENDORF, JOHN E. 1941. Malaria Control. (Annual Report of Escambia County Malaria Department and Bureau of Malaria Control, Florida State Board of Health.)
- PRITCHARD, A. E., E. L. SEABROOK, AND J. A. MULRENNAN. 1947. The Mosquitoes of the Florida Keys. *The Fla. Ent.* 33:8-15.
- THURMAN, D. C., JR. 1948. A Far South Record of *Anopheles quadrimaculatus* Say. *MOSQUITO NEWS*, Vol. 8, No. 1, March, 1948.

¹ From Communicable Disease Center Activities, U. S. Public Health Service and the Florida State Board of Health, Jacksonville, Florida.

² Entomologist, U. S. Public Health Service.

³ Entomologist, U. S. Public Health Service.

⁴ Florida State Board of Health Records, 1941-1945, unpublished.

CORRECTION

Vol. 7, No. 4 (December, 1947), under "Association News," page 160, 5th paragraph, first sentence in the summary of Mr. Chester Robinson's remarks, should read: ". . . stated that the principal mosquito problem in his district is *Aedes dorsalis* and *Aedes nigromaculis*. . ." Since the presentation was oral, the word *quadrimaculatus* was apparently mistaken for *nigromaculis*. Dr. Robert Matheson called attention to the obvious error, and Mr. Robinson has verified the correction.