

## Notes on *Chrysomya Megacephala* (Fabr.) (Diptera).

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As our investigations of the South Pacific Fauna progress, we find this subtropical fly more and more widely distributed. This is a marked illustration of a pest that gets about by shipping. I wish to record three new outposts.

Swezey and Wilder captured this fly at Leone, Tutuila, Samoa, September 7, 1923. Mr. Bryan, also, later found this species rather abundant on that island.

Again, during his work in the Fiji group, Mr. Bryan found these flies swarming around the odoriferous bags of dried coconut. His specimens are marked Wakaya, Fiji, November 17, 1924. Evidently the arrival of this species in Fiji is very recent. I collected there rather extensively during June, July, and August, 1913, without finding it; yet I did considerable collecting under the same sort of conditions. I took many other sorts of flies swarming over the stale, dried coconut meat.

Doctor Matsumura, Professor of Entomology in the Imperial University at Sapporo, Japan, recently gave me a male specimen of *C. megacephala* that he took with many others in the Bonin Islands. This specimen is labeled Ogasawara, August 20, 1905; determined as *Lucilia dux* Esch. As is now well known, this is a synonym of *C. megacephala*.

During my return from the Orient at the end of September, 1924, I was interested to observe how these flies take advantage of free transportation from one country to another. During sunny, warm days I found them flying about on the top deck, hovering in the vicinity of the ventilation shaft from the kitchen. Here the air was filled with the odors from the preparation of foods. During inclement weather I saw them roosting down inside on the walls of the shaft. Undoubtedly they went down into the kitchen, from time to time, to take a free lunch on the foods exposed there on the tables.