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DIPTERA REARED FROM BARN OWL NESTS

RAYMOND E. RYCKMAN

Two nests of the barn owl (*Tyto alba pratincola* (Bonaparte)), located seven miles west of Riverside, California, were examined and debris from the nests taken to the laboratory on April 18, 1952. Nine young owls were capable of limited flight at this time. Parasites and those forms breeding in organic material of the nests were most prevalent. The owls nested in abandoned rodent burrows approximately seven feet from the top of a 35-foot precipitous clay cliff.

The following Diptera were reared from nest material which was placed in gallon jars and covered with bleached muslin to exclude other flies or their larvae.

MUSCIDAE: *Muscina stabulans* (Fallen), 3 adults; MILICHIIDAE: *Leptomelopa latipes* (Meigen), 10 adults; HELEOMYZIDAE: *Neossos marylandica* (Malloch), 32 adults.

The author is indebted to Curtis W. Sabrosky for identification of the above Diptera. Concerning *N. marylandica*, he states the following, "So far as I know, it has not been recorded since it was described from Maryland." Specimens of each species has been retained by the U. S. National Museum.

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ADOXOMYIA CLARIPENNIS COLLECTED FROM WOOD RAT NESTS IN ARIZONA

(Diptera: Stratiomyidae)

RAYMOND E. RYCKMAN¹ and CHARLES T. AMES¹

On December 27, 1952, wood rat nests were examined near Mission Tucson, west of Tucson, Arizona. Two typical Stratiomyidae larvae were collected from one rat nest which was built under overhanging ledges of an embankment. The larvae were reared to adults and pinned with the pupal cases: they were a male and female of *Adoxomyia claripennis* James. This material was identified by W. W. Wirth and retained by the U. S. National Museum. The female of this species has not previously been collected.

¹ Department of Entomology, School of Tropical and Preventive Medicine, Loma Linda, California.

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