LARVAL NOTES ON *CHLOSYNE LACINIA* AND *C. CALIFORNICA*

On 3 Sept. 1961 a few larvæ of *Chlosyne lacinia* Geyer were found among a larval colony of *Chlosyne californica* Wright, apparently at home in this communal association. The few orange caterpillars of *lacinia* were conspicuous among the dark *californica* larvæ.

At the time, colonies of *C. californica* in various instars were plentiful on Desert Sunflower, *Viguiera deltoidea* var. *parishii* in Sentenac Canyon on Highway 78, ten miles northeast of Julian, San Diego County, California. However, these few *lacinia* caterpillars were found only in one gregarious assemblage of perhaps a hundred fourth instar *californica* larvæ. The butterflies were reared out by WILLIAM HEDGES; hence identification is confirmed.

Chlosyne lacinia is not common in San Diego County although conditions appear quite favorable for it in Borrego Valley. Normally the caterpillars prefer *Helianthus annuus,* and can be found in large quantities in the fall in Imperial Valley on roadside patches of sunflowers. This record on *Viguiera deltoidea* probably represents a new host plant record.

Chlosyne californica on the other hand is one of the dominant species of the desert canyons of this area whenever rainfall is favorable, and the butterflies appear in large numbers at times. The caterpillars accommodate readily to *Helianthus annuus* in captivity but I have never observed them on anything but Desert Sunflower in nature.

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TWO NEW FOODPLANTS OF SOUTHWESTERN SATURNIIDÆ

The hosts of *Agapema galbina anona* Ottol. and *Citheronia splendens* Druce were discovered September 1 and 2, 1961, in Brown's Canyon of the Baboquivari Mountains of Pima Co., Arizona. While making a detailed search for *Rothschildia jorulla cinctus* Tepper, I quite accidentally came upon a cluster of cocoons of *A. galbina anona.* The host is a species of *Lycium,* which is a very thorny, sparsely-leaved shrub. Previously I had spent considerable time trying to locate the moth in its known areas of occurence in the Santa Rita and Santa Catalina mountains without success. Once the precise foodplant was determined I was able to find the cocoons in considerable numbers.