

- n. A patch of black pigment under the cervical shield in stage I. Whitish green, the yellow subdorsal line edged by a dark shade.
- o. *Cochlidion biguttata* with the ancestral characters. — Food oak.
- p. *Cochlidion y-inversa*. A yellow line crosses joint 3 to join the subventral lines. Food hickory.
- q. The short limb of the Y-shaped spine of stage I still more reduced than in branch d. One seta of the middle thoracic wart is lost. Joint 13 produced with a pointed tail in the last stage. Skin granules discreet, not spinous.
- r. *Packardia geminata*. Whitish green, well pigmented.
- s. *Packardia elegans*. Skin granules more numerous; yellowish green, slightly pigmented; subdorsal line wavy.
- t. *Apoda rectilinea*, its probable position, the larva being unknown.

EXPLANATION OF PLATES VII-VIII.

Six maps showing the probable distribution of land and water in the Present, Eocene, Upper Cretaceous, Lower Cretaceous, Jurassic and Triassic periods respectively.

DESCRIPTION OF THE MATURE LARVA OF *ACRONYCTA CONNECTA*.

PLATE II, FIG. 7.

By HARRISON G. DYAR.

The description quoted in the Proceedings U. S. National Museum, XXXI, 116 is insufficient in regard to the hair structures, and has led me to place the larva wrongly in the table. It should fall in larval section II, next to *vinnula*.

Acronycta connecta Grt. Larva.—Head bilobed, rounded, whitish in the sutures, most of the surface dull black, shining only at the apices of the lobes; setæ white, rather long; width 3 mm. Body with low warts, scarcely at all elevated; i with a black hair and several very small ones, ii to iv, single haired, v and vi, many haired, but diffuse and confused with the rather numerous pale secondary subventral hairs. Leg plates scarcely cornified, hairy; anal plate not cornified; cervical shield bisected, concolorous with the body except for a black line that edges the inner portions of the two halves and runs a little way along the anterior edge. Body greenish white, purplish on the dorsum. A broad orange subdorsal line almost enclosing wart ii, reaching from the cervical shield to anus. Warts i and ii small, round, black; spiracles black; feet pale; no other marks.

Food-plant.—Willow. Collected by Mr. Aug. Busck at Washington, D. C., Oct. 2.



Dyar, Harrison G. 1899. "Description of the Mature Larva of *Acronycta connecta*." *Journal of the New York Entomological Society* 7, 253–253.

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