

tegulae, the knees, and the abdominal segments one to five, rufous; wings yellowish hyaline, paler at base. Length, 10 mm.

Habitat: Ithaca, N. Y.

*Dolerus acritus*, n. sp.—♀. Surface of the scutellar appendage transversely striate; mesonotum with the impunctate area on the sides of the lateral lobes almost entirely wanting, at least, always separated from the median lobe by a narrow punctate area; head when viewed from above with a transverse furrow extending behind the eyes and ocelli, and without a carina behind the eyes between the occiput and the posterior orbits; vertex adjacent to the postocular area with a small impunctate area; the postocular area as densely punctured as the front; median lobe of the mesonotum not so densely punctured as the lateral lobes; body black, with the prothorax, tegulae, median lobe of the mesonotum, except at middle, and the abdominal segments one to five, rufous; wings hyaline, veins black, stigma rufous below. Length, 7 mm.

Habitat: McLean and Ithaca, N. Y.

*Dolerus arvensis*, Say.—This species, as has been pointed out before, is the female of *Dolerus unicolor*, Beauv.

#### THE CHRYSALIS OF EUCHLOE LANCEOLATA, BOISD.

BY KARL R. COOLIDGE, PALO ALTO, CALIFORNIA.

The preparatory stages of but two of our species of *Euchloe* have been entirely worked out. *Genutia*, Fab., is well known, and Prof. Shull (Ent. News, March, 1907) has given us the life-history of *olympia*, Edw. The later stages of *ausonides* have also been briefly described, and Mr. E. J. Newcomer and myself have succeeded in working out its entire history, as well as that of *sara* partially. The only reference to *lanceolata* is by Mead,\* in which he describes the mature larva, and makes a mention of the pupa. Later, Beutenmüller,† in his Revision of the genus, and Holland (Butterfly Book, p. 285) have compiled short descriptions of the larva, which appears to be similar to congeneric species, and with the usual glandular hairs, lateral and longitudinal markings, feeding on the flowers and buds, and later, the seed-pods of its food-plant. Mead's reference to the pupa is so meagre that I give it *verbatim*: "The chrysalis is somewhat larger than that of *A. hyantis*, and the long palpi-case is bent

\*Psyche, II, p. 179, 1878.

†Bull. Am. Mus. Nat. Hist., 10, 236, 1898.

April, 1908