

BOOK REVIEWS

A taxonomic revision of the weevil genus *Dorytomus* in North America. (Coleoptera: Curculionidae). Charles William O'Brien. University of California Press, Berkeley, 1970. 82 pp., 11 pls. \$3.00.

This is a well documented revision of the 30 North American species of *Dorytomus*, a genus of weevils which has another 30 or more species in northern Europe and Asia. The author found that many external characters used previously for the determination of species, such as the pubescence, color, size, and punctuation, were variable whereas internal characters, such as the genitalia and reproductive organs were more constant. He dissected more than 400 specimens.

In the revision, aids to the identification of these small weevils, (most of which are less than 5 mm. in length) include a general discussion of morphology, a key to the species, comparative notes and degree of variation for each species, and geographic ranges. Helpful also are the line drawings of the genitalia of both sexes, and excellent, enlarged photographs of both lateral and dorsal views. From personal experience of collecting *Dorytomus* in the field and breeding them in the laboratory, Dr. O'Brien has been able to supply some notes on the biology and a list of the host plants which, as far as known, are willow (*Salix*) and cottonwood (*Populus*).

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De Fennoskandiska och Danska Nattflynas Utbredning (Noctuidae). Frithiof Nordström, Svend Kaaber, Magne Opheim and Olavi Sotavalta; ed. Per Douwes. 1969, Lund, CwK Gleerup. 158 pp., 404 maps (in Swedish).

A very thorough study of the distribution of the Noctuidae in Fennoscandia and Denmark, this is the third in a series on the distribution of the Fennoscandian Macrolepidoptera. The text mentions unusual records and includes short discussions of the distributions. The known records of nearly all of the species are plotted on maps, and a final map shows the chief regions into which the area is divided. A large bibliography is given. For students of European zoogeography this will prove a very valuable work. A few of the species and genera, wide ranging in the Holarctic, occur in North America.

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