

BOOK NOTICES.

O. M. REUTER, Bemerkungen über nearktische CAPSIDEN nebst Beschreibung neuer Arten. (Acta Societatis Scientiarum Fennicæ XXXVI, No. 2, 89 pp: in 4:0, Helsingfors, 1909).

This is the most important work thus far published on the numerous North American forms of this exceedingly difficult family of Hemiptera. Since Prof. Reuter published his first paper on Nearctic Capsidæ (1875) the systematization of this family has made considerable progress, and this is almost entirely due to his own work on this family, which he has made his special study for nearly forty years. The author's recent views about the subdivisions of the family are laid down in his "Klassifikation der Capsiden," published a few years ago. In the present paper we find two important improvements on this system. The Division *Garganaria* had been founded on examination of old and ill-preserved specimens, and is now united with the *Capsaria*. On the other hand, the Division *Pilophoraria* has proved to include heterophyletic forms. To this Division the author now refers only *Pilophorus* and a new genus, all other genera being transferred to a new Division, *Cremnocephalaria*, which is placed rather far from the former Division. (The Divisions in which Reuter subdivides the Capsidæ are not systematically equivalent to the subfamilies in other families, and their names ought not to end in *-ini* or *-inæ*, as proposed by Kirkaldy). The systematic place of numerous species chiefly described or named by Uhler has been corrected, little known species are redescribed, and 10 genera and 59 species are described as new. Of great value is the generic key to the 23 nearctic genera of the Division *Capsaria*, four of which are new. A monographic synopsis is given of the genera *Phytocoris*, Fall. (25 species, of which 17 are new); *Lygidea*, Reut. (3 species, 2 new); *Tropidosteptes*, Uhl. (5 species, 4 new); *Camp-tobrochis*, Fieb. (11 species, 4 new); *Cyrtopeltis*, Fieb. (3 species, 2 new), and the new genus, *Euryopiella*, Reut. (4 species, 2 new). The generic synopsis of the *Capsaria* and the descriptions of the new genera and species are in Latin, the other descriptions and remarks mostly in German. As the author lost his eyesight before the manuscript was finished, the descriptions of two genera and ten species have been drawn up by Dr. B. Poppius, under the author's direction and supervision. Of these Reuter and Poppius are to be cited jointly as authors. The printer's errors are, unfortunately, rather numerous, and few of them are corrected. The genus *Caulotops*, Bergr. (previously known only from Argentina), is