

I know of but one paper treating synoptically of the North American species.

1882. Fuchs, Chas. Synopsis of the Lucanidæ of the U. S. Bulletin Brooklyn Ento. Soc., V.

Capt. Thos. L. Casey has described a number of new species of *Platycerus* in various publications, but has not tabulated the genus.

A NEW SPECIES OF ASTEROSCOPIUS, Bd.

BY JOHN B. SMITH, SC. D., RUTGERS COLLEGE, N. J.

Lederer characterizes *Asteroscopus* essentially as follows: Narrow-winged owlets, resembling Bombycids in the shaggy, loose vestiture. Palpi short, not exceeding the front, drooping. Tongue short and weak. Eyes naked, with bristly lashes. Antennæ comparatively long, with a tuft of hair at the base; in the male with short pectinations to the tip; in the female with sharp, ciliated angles to each joint. Thorax broad, convex, clothed with long, woolly hair. Abdomen shaggy, untufted. Body beneath and legs with dense woolly vestiture. Legs short, anterior tibia with a long claw at the tip.

The caterpillars are naked, considerably enlarged posteriorly, green, with a pale lateral stripe, and have an abrupt declivity or step on the last segment. They feed on various deciduous trees, and when at rest elevate the anterior segments as do some of the Notodonts. They pupate underground and remain unchanged an unusually long time.

Heretofore no species properly referable to this genus has been described from our fauna. The *A. barometricus* of Goossens, Le Nat. III., 380, is simply a redescription of *Ufeus plicatus*, Grt. Every structural character given by Goossens contradicts the description of the genus to which he refers his species and agrees with those of *Ufeus*.

A species properly referable to this genus was taken by Mr. E. F. Heath, sent to Dr. Dyar for determination, and by him referred to me. I characterize it as follows:

ASTEROSCOPIUS BOREALIS, n. sp.

Ground colour a dark ashen gray, powdered with black, hairlike scales, which gives the insect a sordid, smoky appearance. Head and thorax perhaps a trifle darker than the wings, the head much retracted. Abdomen with somewhat finer vestiture, which show a tendency to a mouse-gray tint. Antennæ of the male yellowish-brown, distinctly but not lengthily pectinated, and with a tuft of creamy hair at the base.