

A NEW SAW-FLY OF THE GENUS XYELA.

BY T. D. A. COCKERELL, BOULDER, COLORADO.

Xyela negundinis, n. sp.—♀. Length 3 mm., or counting ovipositor, about 4; body entirely black; front dullish subsericeous; antennæ very dark brownish, the thick part a trifle longer than the filamentous; abdomen shining; ovipositor black; wings large, hyaline, iridescent, the large stigma and the nervures dilute sepia: venation agreeing with typical *Xyela*; femora black except the knees, which, with the tibiæ and tarsi, are dull ferruginous. Readily known by its black body and dark femora.

Hab.—Boulder, Colorado, April 10, 1907; collected by Mrs. Cora Bennett on flowers of *Acer negundo*. This is the third true *Xyela* from North America (cf. CANAD. ENTOM., Aug., 1902, p. 194).

A GALL-GNAT OF THE PRICKLY-PEAR CACTUS.

BY T. D. A. COCKERELL, BOULDER, COLORADO.

Mr. E. Bethel, of Denver, in the course of his botanical excursions, has noticed that the prickly-pear cacti, *Opuntia*, sometimes bear large oval galls, containing Dipterous larvæ. He recently collected some of these at Boulder, and was able to breed many of the flies, which prove to belong to an undescribed species.

Asphondylia Betheli, n. sp.

♂.—Expanse, 9 mm; wings grayish-hyaline, with coarse hair; second longitudinal vein reaching tip of wing; third longitudinal forked near its middle; fold very distinct; head and thorax slate-gray; abdomen dark olivaceous gray, with copious pale hair; legs varying from pale yellowish to pale grayish; antennæ 2 + 12-jointed, the joints cylindrical, sessile, with coarse short hairs; measurements of joints in μ (3) 289, (4) 272, (12) 204, (13) 195, (14) 195.

Pupa about 5 mm. long; pupa-shell bright ferruginous.

Gall a swollen fruit of *Opuntia*, collapsing after the exit of the flies.

Hab.—Boulder, Colorado; flies emerging May, 1907.

Like other species of *Asphondylia*, this is not marked by any strong peculiarities in the adult state, unless it be the comparatively large size. It is closely related to *A. mentzelia*, Ckll., which infests *Mentzelia* in New Mexico.