

## NEW AND LITTLE-KNOWN BEES.

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

*Tetralonia fulvitaris*, Cresson.—At Boulder, Colorado, May 21, 1907, Mrs. C. Bennett took two females and a male of *Tetralonia* at flowers of vetch. The male is *T. fulvitaris*, while the females are *T. frater aragalli*, Ckll. This suggests that *aragalli* is the female of *fulvitaris*, and although I cannot prove it, I believe this to be the case.

*Andrena ziziaeformis*, sp. nov.—♀. Length about 7 mm.; black; head transversely oval, broader than long; clypeus shining, with sparse strong punctures; process of labrum broadly truncate; cheeks rounded, not large; front striatulate, with a prominent longitudinal keel; flagellum, except basally, clear ferruginous beneath; third antennal joint nearly as long as the following three together, these being very short; pubescence dull white, caudal fimbria pale golden; tegulae testaceous; stigma and nervures clear ferruginous; legs dark brown, small joints of tarsi ferruginous. Exceedingly like *A. ziziae* (specimen collected at Milwaukee by Dr. Grænicer compared), but differing as follows: Clypeus shining; flagellum much more slender basally; face broader; frontal keel longer and more prominent; facial foveae grayish-white (not yellowish), very inconspicuous when seen from in front; thorax narrower, mesothorax with fine but evident punctures; second submarginal cell broader; first abdominal segment with very fine but evident punctures; second abdominal segment depressed about one-third; hair of abdomen whiter, and so more conspicuous.

*Hab.*—Falls Church, Virginia, May 30. (*Nathan Banks.*)

*Melissodes saponellus*, sp. nov.—♀. Length about 11 mm., anterior wing not quite 8 mm.; black, with very pale ochreous hair; disc of mesothorax exposed centrally, shining and sparsely punctured, with the bordering hairs black, but easily overlooked; hair on inner side of hind basitarsus clear ferruginous; abdomen broad, the second and following segments all covered with pale ochreous felt-like hair, the second with a median dusky band, where the hair is thin enough to partially expose the surface; hind margins of the segments (tegument) pallid, that of the first slightly iridescent, and grading into the black through a red suffusion; hair of fifth segment and sides of sixth a very pale but warm reddish, not at all black or fuscous; eyes green; flagellum, except basally, bright ferruginous beneath; tegulae shining piceous; maxillary palpi four-jointed, the last joint minute.

July, 1908