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## Some Bees of the Genus Halictus

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A. Sanderson

1908.

COCKERELL, TDA  
1908

## SOME BEES OF THE GENUS HALICTUS.

By T. D. A. COCKERELL.

### *Halictus manitouellus*, n. sp.

♀.—Length, 9 to 9.5 mm.; black; similar to *H. trizonatus* Cresson, but averaging a little larger, with decidedly darker wings, especially at apex, the stigma longer and redder; face broader; mesothorax dull, with the punctures as close as is possible, and the hair scanty and inconspicuous; area of metathorax with five longitudinal rugæ, much finer and closer than in *H. sisymbrii*; area with no sharp rim; truncation of metathorax with a very sharp rim below, but it fails above; abdomen closely and exceedingly minutely punctured, with no median band on first segment, nor any apical bands or discoloration; bases of segments 2 to 4 with broad bands of tawny felt-like pubescence, very conspicuous, narrowing medially on 2 and 3; apical segment with mostly black hair; legs black, with pale hair; hind spur finely serrate; tegulæ shining black, with the edge broadly pallid anteriorly. In Crawford's table (Jr. N. Y. Ent. Soc., Dec., 1907) it runs to *H. bardus* Cress., but hairs fringing apex of clypeus are fuscous, the scutellum is rather closely punctured, the stigma is not fuscous, and the abdominal bands are strongly tawny.

Cheyenne Cañon, Colorado Springs, Colo., two at flowers of *Salix*, May 18 (W. P. Cockerell); Manitou, Colo., April 29, one at *Salix*, one at *Ribes leptanthum* (T. D. A. and W. P. Ckll.). The same year, in April, *H. trizonatus* was common at flowers of *Salix* at Colorado Springs (W. P. Ckll.).

The wings of *H. manitouellus* are grayish, not yellowish.

### *Halictus galpinsiæ* Ckll.

Boulder, Colo., at flowers of *Gaura*, June 12, 1905, 7:30 p. m. (W. P. Cockerell), 2 ♀. These specimens were unfortunately overlooked when I was preparing my tables of Boulder County bees (Univ. of Colo. Studies, 1907). The stigma is a lighter, brighter orange than that of *H. aberrans*.

### *Halictus cooleyi* Crawford.

This recently described species proves to be one of the most abundant and characteristic bees of the front range and foothills in Colorado. Numerous specimens from Boulder, mostly taken by my wife, show dates from April 30 to July 3; and the females are recorded as visiting *Hydrophyllum*, *Viola nuttallii*, *Ribes*, *Opuntia*, *Antennaria* and *Nothocalais*. At Salina, Boulder County, females were taken at *Salix* and *Berberis*.

*repens*, April 14. At Manitou, April 28, I took a female at Salix. At Florissant, in 1907, June to August, Mr. S. A. Rohwer took females at *Linum lewisii*, *Senecio tridenticulatus*, and *Taraxacum taraxacum*.

**Halictus trizonatus** Cresson.

Pecos, N. Mex., June 24, ♀ at flowers of *Fallugia* (W. P. Ckll.).

**Halictus sisymbrii** Ckll.

Pecos, N. Mex., July, females at flowers of *Clematis ligusticifolia* (W. P. Ckll.); Pecos Cañon, ♀ at flowers of *Lappula floribunda*, July 12 (Ckll.). Florissant, Colo., at flowers of *Salix brachycarpa*, June (S. A. Rohwer).

**Halictus lerouxii** Lep.

Colorado Springs, Colo., ♀ at flowers of *Salix*, April (W. P. Ckll.); Florissant, ♀ at *Taraxacum taraxacum*, June, 1907 (Rohwer).

**Halictus farinosus** Smith.

Mountain View, Cal. (Ehrhorn). Best distinguished from *H. lerouxii* by the large size and serrate (not dentate) hind spur; the color of the hair-bands is not reliable for separation.

**Halictus armaticeps** Cresson.

Mesilla Park, N. Mex., at flowers of peach, March 4, 1899 (Ckll.); Boulder, at flowers of *Grindelia*, Aug. 7 (W. P. Ckll.).

