

Trigona carbonaria Sm. freely visits them, collecting pollen. No species of *Trigona* occurs within the natural range of the *H. annuus* group.

At Gisborne, New Zealand, Mr. W. D. Cook kindly observed the insects on *H. annuus coronatus* in 1913-14. He did not send any specimens, but his account is sufficiently clear to permit the recognition of the bees, and I have inserted the names within brackets:—

"There seem to have been very few bees about this year; at any rate very few visited the sunflowers. I noticed a few ordinary German bees [*Apis mellifera* L.], a few bumble-bees, and a tremendous number of the common cream-coloured moth, and also a great many flies. [The bees] were nearly all a small black bumble-bee. There seem to be very few big bumble-bees about here (I mean the black one with the yellow band [*Bombus terrestris* L.]), but the one I saw most was about half the size and pure black (much larger than an ordinary bee)" [*Bombus ruderatus fidens* Harris.]

Thus in New Zealand the only bee-visitors were the introduced species of *Bombus* and *Apis*, as might be expected from the absence of native long-tongued bees. Had the sunflower reached that country before the bees, perhaps the flies would have been fairly satisfactory pollinators.

I add to this paper descriptive notes on some sunflower bees, two of which are new.

***Melissodes semiagilis* (Cockerell).**

Melissodes agilis semiagilis Cockerell, Ann. Mag. Nat. Hist., April 1906, p. 364, ♂.

♀. Length about 11 mm.; pubescence grayish-white, tinged with ochreous, vertex with black hairs, scutellum and posterior part of mesothorax with much black hair, the tegulæ separated from the black patch by a band of pale hair about equal to their width; head broad; flagellum dusky reddish beneath, except at base; first abdominal segment with a narrow pallid hind margin, the others with hind margin dark; second segment with pale hair at extreme base, and a rather broad median hair band; third segment with median band twice as broad as that on second; tibia of hind