

on dorsal and lateral surfaces, grayish-yellow beneath; in ♀ with the dorsal surfaces of the first three segments shining black, elsewhere yellowish-gray, with a row of dark spots along the dorsum. Hind femora dark sooty brown above, with a few small light spots along dorsal surface, the dark colour extending down irregularly over about half or more of the inner and outer surfaces, where it is more or less broken into blotches; elsewhere pale testaceous, lighter internally. Legs dark sooty brown, variegated with pale testaceous. Ovipositor about as long as the body, and about one-fourth longer than the hind femora, nearly straight, stout, the apical blades tapering evenly to a fine point, the teeth sharp, prominent, and nearly equidistant.

Length of body, ♂ 7 mm., ♀ 8 mm.; pronotum, ♂ 1.5 mm., ♀ 1.75 mm.; tegmen, ♂ 3.5 mm., ♀ 2.9 mm.; hind femur, ♂ 5 mm., ♀ 6 mm.; ovipositor; 7.7 mm.

12 ♂♂, 13 ♀♀. Toronto, Aug. 16, Sept. 8, 1902; Sarnia, Aug. 16, 1901; De Grassi Pt., Lake Simcoe, Aug. 3, 1903; Sept. 15, 1901. I have a single long-winged female, taken at High Park, Toronto, Aug. 16, 1902.

This is a well-marked species, easily distinguished from *N. fasciatus* by its much smaller size, grayish coloration, more distinct dark markings and longer ovipositor. It has the longest ovipositor of any of our species.

It occurs only on sandy soil, where the vegetation is somewhat scanty. I have never taken it in large numbers, but in High Park, where all my Toronto specimens were taken, it is by no means scarce when looked for in the proper kind of locality. Its pale colours renders it very inconspicuous against the sand.

The chirp of the male is a feeble, continuous trill, more high-pitched than that of *fasciatus* or *angusticollis*, and much shorter than either.

4. NEMOBIUS FASCIATUS, De Geer. The Striped Ground Cricket.

*Gryllus fasciatus*, De G., Mem. pour serv. à l'hist. des ins., III., 1773, 552.

*Nemobius fasciatus*, Scudd., Mat. Mon. N. A. Orth., VII., 1862, 430.

*Acheta vittata*, Harr., Ins. Inj. Veg., 1862, 152.

*Nemobius vittatus*, Scudd., Mat. Mon. N. A. Orth., VII., 1862, 430.

*Nemobius fasciatus vittatus*, Beut., Bull. Amer. Mus. Nat. Hist., VI., 1894, 267.

*Nemobius exiguus*, Scudd., Mat. Mon. N. A. Orth., VII., 1862, 429.