

Length of body, ♂ 9 mm., ♀ 10 mm.; pronotum, ♂ 1.5 mm., ♀ 2 mm.; tegmen, ♂ 5.5 mm., ♀, 4 mm.; hind femur, ♂ 6.3 mm., ♀ 7 mm.; ovipositor, 9 mm.

I have found this cricket in abundance in all parts of Ontario where I have made collections of Orthoptera. In this species the tegmina usually cover about three-quarters of the abdomen in the ♂, and about half the abdomen in the ♀, and in such specimens the wings are absent. This is the form that was formerly known as *vittatus*. Specimens with wings extending far beyond the end of the abdomen are often met with, however, and are most often seen at night, when they are attracted to light. These long-winged individuals are usually, but not always, females. Blatchley says of this species in Indiana: "During hundreds of days spent in field collecting, not a single specimen of the long-winged form was taken until Aug. 1, 1902, when it was found in numbers on the stems of long grass in a marsh bordering Round Lake, Whitley County." This has not been my experience, as I have frequently come across it in the field. On Aug. 26, 1901, I found large numbers of this form floating on Lake Huron, about a quarter of a mile from the south shore of the Bruce Peninsula. It was a hot, still day, and many other insects were seen floating in the same manner, notably two other Gryllidæ, the tree cricket, *Ecanthus fasciatus*, and the long-winged form of *Gryllus abbreviatus*. This species reaches maturity towards the latter part of July, and continues until severe frost, usually in the early part of November.

Specimens from the south-west appear to average larger than those from the north. My largest ones are from Arner, Essex Co., close to the shore of Lake Erie.

Localities: Niagara Falls, Point Pelee, Arner, Chatham, Sarnia, Goderich, Southampton, Bruce Peninsula, Owen Sound, Hamilton, Toronto, Lake Simcoe, Severn River, Lake Muskoka, Algonquin Park, North Bay, Stony Lake (Peterboro' Co.).

Mr. Blatchley has called my attention to a small dark *Nemobius* which he has taken in Northern Indiana, Michigan, and in Ontario across from Buffalo, N. Y. I have also taken this form, and I agree with Mr. Blatchley in considering it to be a small degenerate form of *fasciatus*.

5. *NEMOBIUS CANUS*, Scudd.

*N. canus*, Scudd., Journ. N. Y. Ent. Soc., IV., 1896, 100, 103.

I have a single ♀ *Nemobius* taken at Arner, Ont., which agrees pretty well with Blatchley's description of *canus*. The head is light