

as is evidenced by Norton's statement that he had not seen either *hæmorrhoidalis* or *maurus*.

The first record of a Canadian specimen is by Westwood, who described the ♂ of *Sayi* from one taken in Nova Scotia, the ♀ having been sent by Say from Indiana. Provancher records the occurrence of *hæmorrhoidalis* in the Province of Quebec, a single ♀ having been captured by him.

The first specimen which came under my personal observation was a ♂ captured by Mr. Fletcher in this city in 1883. This insect, through the kindness of Mr. Guignard, is now in my collection under the name *occidentalis*. It was not until 1885 that I succeeded in capturing specimens, as described in the note mentioned at the commencement of this paper. Last year, 1886, I was more successful, and not only found several specimens, but was able to learn something definite as to their habit of life. Between the 9th and 23rd June, I captured more than a dozen, including representatives of all the American species except *Mexicanus*.

After a very careful comparison of these and other specimens with one another, and with the descriptions of the several species, I am convinced that they are all varieties of one species, and that there are at the most only two American species, namely, *O. Mexicanus* Cresson, and *O. Sayi* Westwood, whose name takes precedence over those of Newman and Harris. The latter, indeed, stated that his *affinis* might be identical with *maurus*, as it differed only in having the face entirely black and the feet reddish. Provancher (Additions and Corrections, page 27), after recording the occurrence of *occidentalis* at Ottawa, states that the examination of a number of specimens might possibly prove it to be identical with *hæmorrhoidalis*.

As Harris did not publish descriptions when he named his species, those of Westwood and Newman must replace them, and the species will stand at present :—

1. *Oryssus Sayi*, Westwood—1835 = *hæmorrhoidalis*, Harris.
2.           *terminalis*, Newman—1838 = *maurus*, Harris.
3.           *affinis*, Harris—1841.
4.           *occidentalis*, Cresson—1879.

I have before me twenty specimens which may in accordance with descriptions be distributed as follows :—

No. 1. Two ♀ (one taken by Mr. J. D. Evans at Sudbury), one ♂.