

THE OCCURRENCE OF EUMERUS STRIGATUS FLN. IN CANADA.

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In the Entomological Record for 1915¹ a record of this species is included, namely: "Victoria, B. C., reared from narcissus bulbs, April 7—9, 1910, (E. A. Wallace)." In the Record for 1916², the occurrence of the species at Ottawa, Ont. (August, 19, 1904, Fletcher) is mentioned. Recently we received a specimen of *Eumerus strigatus* from Montreal, Que., which was collected in a greenhouse, on Feb. 5, 1917, by Mr. J. I. Beaulne. In October, 1910, Dr. Hewitt, found the larvæ abundant in the greenhouse of Mr. E. A. Wallace, Victoria, B. C.

This European insect which has been recorded as a pest of onions, shallot, roots of Iris and bulbs of narcissus, hyacinth and Amaryllis, has been referred to in economic literature as the Bulb Moon-fly, the Lunate Onion Fly and the Small Narcissus Bulb Fly. Felt³ first recorded the species from America from specimens reared in New York State from the roots of Iris, and referred to the fact that Dr. F. H. Chittenden had informed him that the fly was reared in the Bureau of Entomology at Washington, in 1906. The taking of a specimen at Ottawa in 1904, however, by the late Dr. Fletcher, is evidently the first record of the occurrence of the species in America.

Emerus strigatus is now widely distributed in North America, having been found in the United States in the States of California, Texas, Connecticut and New York, and in Canada in the provinces of Quebec, Ontario and British Columbia.

Theobald⁴ has found as many as 17 larvæ of the species in one bulb and states that "there is no doubt that these small narcissus and other bulb flies are the cause of much loss, but are not, it seems, so widely spread as *Merodon*; still the number one finds

¹46th Annual Report of the Entomological Society of Ontario.

²47th Annual Report of the Entomological Society of Ontario.

³New York State Museum, 27th Report of the State Entomologist, 1911.

⁴Report on Economic Zoology for year ending Sept. 30, 1911. June, 1917.