

## An Addition to the List of Toronto Butterflies.

BY ARTHUR GIBSON, OTTAWA.

Since the publication of the list of the Butterflies of Toronto, which appeared in the Ontario Natural Science Bulletin, No. 6, 1910, the undersigned has had reported to him the capture of a specimen of *Argynnis idalia*, Drury. This was taken on Forest Hill Road, Toronto, towards the end of August, by Mr. J. Ronald McMurrich, and is the first record for the district.

In an article, "Observations on the Season of 1895," in the Annual Report of the Entomological Society of Ontario, for 1895, the late Mr. J. Alston Moffat refers to a specimen of *Argynnis idalia* which was captured at Windsor, Ont., by Mr. W. S. Cody. This, the first record for Canada, is also included in Dr. Bethune's additional paper on "The Butterflies of the Eastern Provinces of Canada," (Rep. Ent. Soc., Ont., 1896). In this latter paper the following record also occurs: "St. John, N.B., (H. E. Goold). Since 1896 this butterfly has been taken in Canada at Aweme, Man., 1902, (N. Criddle), and at Grand Bend, Lake Huron, Ont., July, 1903, (H. S. Saunders).

The above are all the Canadian records I know of.

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## Notes on the Mammals of the Bruce Peninsula.

BY A. B. KLUGH, M.A.

THE Bruce Peninsula lies between Lake Huron and Georgian Bay in Ontario. The lower part of the Peninsula contains a considerable amount of cultivated land; while much of the lower part, and nearly the entire upper portion, is covered by Maple-Beech forest, scrub, cedar swamp, and swales. For a fuller discussion of the plants of the peninsula, the reader is referred to "The Plant Formations of the Bruce Peninsula," in this number of the *Bulletin*.

The most interesting fact brought out in a study of the Mammalia of this locality is that the Peninsula is a northward extension of a southern fauna, and instead of finding forms characteristic of the Canadian Faunal Zone, we find forms of the Alleghanian Faunal Area. This same fact is brought out by a study of the flora, and to a less marked degree by the Avifauna.