

species accurately determined, is as great an addition to science as the discovery of a new species."

In June and July thousands of Noctuidæ may be taken by treacle spread on tree-trunks at night, and all the families of Heterocera swarm in lighted rooms when the windows are opened. If any one would take the trouble to catch and pin these or any other insects, and send them home to the British Museum, they would be thankfully received and acknowledged, and the new species would be described at length in the Catalogues, a large number of which have been already published. The late lamented Dr. Barnston presented numerous specimens from the Hudson's Bay Territories to that national institution, and it is greatly to be wished that others would follow his example. These specimens were collected by George Barnston, Esq., the father of Dr. Barnston.

A very large proportion of the Canadian genera are identical with the European, many of the species being also exactly similar, and to such I have affixed the mark (Eu).

The present Catalogue is carried as far only as the conclusion of the *Pyralideous Pyralidina*. I have handed over to Mr. Stainton the few Micro-Lepidoptera I collected, and he informs me that there are some interesting species amongst them, and that others are very similar to English forms. Several fine *Sphinges* captured near Montreal are in the collection of the Natural History Society, but their names are unknown to me.

Wishing to give an idea of the distribution of the species throughout America, I have added the localities where they have been recorded as occurring, as far as I have been able to ascertain from various sources, but principally from the British Museum Catalogues of Lepid. Het., to the end of the *Noctuina*, and in a few instances amongst the *Geometrina* and *Pyralidina*. Having had access to but few works, and but limited time in which to accomplish my undertaking, being just about to sail for the Cape of Good Hope, it is necessarily very incomplete, and I must claim indulgence for any errors of omission and commission of which I have been guilty.

Exeter, Devonshire, May 1860.