

*EUPITHECIA YOUNGATA.*

A GEOMETRID MOTH FROM OTTAWA NEW TO SCIENCE.

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During the past three years I have devoted nearly all my leisure to the study of North American Geometridæ, and I have been very greatly helped by a number of entomologists who have allowed me to examine the specimens in their cabinets and who have, moreover, liberally added to my own collection. In this way I have made the acquaintance of a large majority of the American species so far made known to science. There are, however, many forms that are still undescribed, and, though these "new species" are naturally more numerous in the West and South than in the Eastern Provinces of Canada or the older States in the Union, where entomological researches have been carried on for a century or more, there are still some—perhaps more than we suppose—of these nondescripts to be found even in Ontario.

Indeed, the subject of the present paper was captured close to Ottawa itself, which, when we consider the many eminent entomologists who have worked there so enthusiastically during the last twenty-five years and the activity of the members of the Field-Naturalists' Club generally, might be looked upon as the least likely place in all Canada to produce novelties. The captor of the species I am about to describe, was Mr. C. H. Young. Mr. Young has sent me for study, from time to time, specimens of nearly all the Geometridæ he has taken at Ottawa, Meach Lake and the Mer Bleue; and, after seeing these specimens, many of which he has generously allowed me to retain in my own cabinet, I am compelled to say, as so many others have said, that more beautifully prepared specimens could not be imagined.

Mr. Young sent me not long ago a number of small Geometridæ from Ottawa for determination. Among these I found no fewer than eight species of the interesting genus *Eupithecia*. Of these little moths, "Pugs," as we used to call them in England, there must be over one hundred species native to North America; but only about one-half that number have been