

Besides my own and the other Montreal collections, which now contain a very good series of these moths, I have had the opportunity of examining the collections of the Museum of Comparative Zoology at Cambridge, Mass., the collection of the Boston Society of Natural History, the Harris collection, the collections of Messrs. Henry Edwards, B. Neumoegen and Herman Strecker, and last year the British Museum collection. I am also indebted to Mr. A. G. Butler, of the British Museum, for colored drawings of Walker's type specimens which he sent me in 1882, and to Mr. B. P. Mann and Mr. Scudder, for a copy of the original description of Boisduval's *Lecontei*. I have therefore not approached this difficult subject lightly, and it is only because I feel confident that I can clear up some of the errors which have so long prevailed that I now venture to publish the results of my studies. In any attempt to unravel the tangle into which these forms have been thrown by the leaders of entomological science, the first thing to be done is to find out what *Callimorpha Lecontei* of Boisduval really is, instead of jumping to the conclusion that any white and black specimen, or even a pure white one for that matter, is that form. The description of *Lecontei* given in Guerin's "Iconographie du Regne Animal de G. Cuvier," may be translated as below :

*Species with White Secondaries.*

CALLIMORPHA LECONTEI, Boisd. Guerin, Iconographie, etc., p. 518, plate 88, fig. 4.

(Figures 1 and 2.)

"Body white, with the top of the head of a pale yellow and a black or brown line extending from the prothorax to the extremity of the abdomen.

"Primaries black or brown, according to the more or less fresh condition of the insect, each having five large rounded and irregular white spots, touching each other sometimes as in the specimen figured, in which the two spots in the middle are united, while in another it is the two spots at the apex which are confluent.

"Secondaries immaculate.

"The under side resembles the upper, but having the black parts very pale. Legs lightly tinted with yellow.

"Expands 52 milli. Hab.—North America.

This description, taken in connection with the figure of which I previously had a drawing, but which I had the pleasure of seeing for myself