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## FIRST RECORDS OF TWO BUTTERFLIES IN WISCONSIN (NYMPHALIDAE, PIERIDAE)

I collected in northern Wisconsin in quick hit and run fashion on June 2nd, 3rd, and 4th of 1967. My collecting objective was to document the widespread occurrence of *Erebia discoidalis* (Kirby) in northern Wisconsin, but incidental to my objectives, I uncovered two butterflies previously unreported from the state.

### BOLORIA FREIJA (Thunberg)

A single male of this species was taken in an open bog containing sphagnum, labrador tea, cranberry, cottongrass and a sparse growth of black spruce on June 2. After entering the bog, located on highway 17 about five miles north of Rhinelander, Oneida county, I quickly collected three specimens of *Erebia discoidalis* and was about to leave when I noticed and captured the *freiya*. A second *freiya* was sighted but not captured. I had found *freiya* very common in Minnesota bogs the previous week and after capturing this specimen I expected to obtain others as I searched other Wisconsin bogs, but I failed to do so. The abundance of *freiya* in Minnesota had been quite surprising since it was first reported from that state only two years previously. The only other butterfly found in the bog was *Incisalia augustinus* (Westwood) which was common.

### PIERIS VIRGINIENSIS Edwards

Later on June 2 I was collecting just south of Presque Isle, Vilas County, Wisconsin, on a small side road leading into a rich maple forest and captured three specimens (2 ♂♂, 1 ♀) of *Pieris virginienensis*. Other species taken in the same vicinity include *Euchloe olympia* (Edwards), *Papilio glaucus canadensis* Rothschild & Jordan, *Nymphalis j-album* (Boisduval & LeConte) and *Polygonia satyrus* (Edwards). My three specimens of *virginienensis* are the first documented captures from Wisconsin; however Mr. James R. Neidhoefer of Milwaukee reports (*in litt*) that he collected a specimen (23-V-1961) near Hazelhurst, Oneida County—about 25 miles directly south of my locality. Still later on June 2, 1967, I found *P. virginienensis* very abundant in a maple forest about five miles south of White Pine, Ontonagon County, Michigan and captured about 40 specimens in an hour. These are the westernmost records for *virginienensis* in Michigan, which had previously been reported from Mackinac, Emmet and Benzie counties by Voss and Wagner (1956).<sup>1</sup>

I am indebted to Dr. Alexander B. Klots of the American Museum for confirming my determinations. The three specimens of *Pieris virginienensis* and the one of *Boloria freiya* have been donated to the American Museum Collection, New York.—JOHN H. MASTERS, Box 7511, St. Paul, Minnesota.

<sup>1</sup> Voss, E. G. and W. H. Wagner, Jr. 1956. Notes on *Pieris virginienensis* and *Erora laeta*—two butterflies hitherto unreported from Michigan. Lepid. News, 10: 18-24.