

small risk of creating a synonym, supposing the other names to be now recognizable.

229, a. *M. morana* Smith (Ent. News, XXI, 361, Oct. 1910).—*oregonica* Grt., in part. The form I had listed as "var. *oregonica* Grt." Smith subsequently described as *morana*, and the species is certainly not a variety of *trifolii*.

I am under the impression that Grote described a mixture of two species as *oregonica*, and attached a type label to one of each. In the British Museum is a female type *oregonica* and those other specimens from Oregon which seem to me certainly distinct from *trifolii*, though Hampson makes them "Ab. 2 greyer, fore wing more thickly irrorated with pale brown." In the New York Museum are five Colorado specimens which I took to be the same species. This form, besides being more thickly irrorated and greyer, differs from *trifolii* in having less of a W in st. line, and the terminal space not darker than subterminal, or scarcely so. I saw the form in Smith's collection, and it is probably the one he refers to as *oregonica* in his paper above mentioned. Together we agreed that it fitted Grote's description better than did *morana*. In the Brooklyn Museum I found a male type from Mt. Hood, Oregon, which struck me at once as the "var. *oregonica*" of my Calgary list. It is larger than the British Museum type, and browner, with a deeper W, and impressed me as distinct therefrom, especially as Mr. Doll showed me a long series like it from the Yellowstone. I have a Yellowstone female which I compared with it, though mine is distinctly ochreous throughout. By the description this is evidently *morana*. I have taken no more than one specimen at Calgary, but have one from Laggan (July 17th) and it occurs at Kaslo and elsewhere in B. C. I have no specimens quite like the British Museum type in my collection, and am not positive that Grote's name really involves two species, but if it does, then by the strict law of priority, as the male sex in such cases should hold the name, *oregonica*, male type at Brooklyn, would have preference over *morana*. That law having been voted down, it remains to be decided whether *morana* shall stand.

300. *M. obesula* Smith.—High River (Baird) and Red Deer River.