

A NEW NAME FOR THE COLORADO RACE OF *PIERIS NAPI*

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In 1916 *Pieris napi pseudonapi* Barnes & McDunnough was described and figured (p.58; pl.VI: figs.1-3) from specimens from Silverton (10,000 ft.), Colorado, taken "in the last week of July". At the time, it was believed to be single-brooded, but Dr. MCDUNNOUGH listed "*gen. aest. pallidissima*" under *P. n. pseudonapi* in his Check-list (1938). The name *pallidissima* had been proposed in the 1916 paper (p.59) for the *P. napi* race at Provo, Utah, particularly for the "second generation (July, August)." The series of *Pieris napi* at Yale from Colorado, Utah, Nevada, and Wyoming indicates that all do, in fact, represent a single race. This race is easily distinguished from the *P. napi* populations found from California to Alaska but is superficially similar to *P. napi* from New England and parts of Europe. It is useful to maintain a subspecific name for it. However, the name *pseudonapi* had earlier been used by VERITY (1911: p.330) for the Hokkaido race of *Pieris melete* Ménétériès, and the Barnes & McDunnough name is a stillborn homonym. I hereby rename the Colorado race *Pieris napi macdunnoughii nom. nov.* in honor of my distinguished friend with his kind permission.

Ovipositing females have been reported (Remington, 1952) at Eldora, Colorado (9000 ft.), on 5 July and 28 July, and fresh males and females have since been taken in the same locality 17-26 August 1953. At Yale we have recently reared *P. napi* from Vermont from egg to egg in 33 days, so three annual generations at Eldora, even at 9,000 ft., would be expected. While the first generation is often somewhat darker than the second in Colorado, both broods are highly variable in this respect. My series from the Teton Mountains of Wyoming shows very dark and very pale individuals taken flying together. Even should one in principle wish to recognize distinct seasonal forms as formally named entities, the broods of *P. napi* in the Rocky Mountains do not require such names, and the name *pallidissima* should be dropped. The synonymy for the race of the Rocky Mountains and associated ranges, in the U.S.A., is as follows:

*Pieris napi macdunnoughii* Remington  
 = *pseudonapi* Barnes & McDunnough (*nec* Verity)  
 = *pallidissima* Barnes & McDunnough.

## References

- Barnes, William, & J. H. McDunnough, 1916. Notes on North American diurnal Lepidoptera. *Contrib. Nat. Hist. Lepid. N. Amer.* 3: 53-156, pls.4-11.  
 McDunnough, J. H., 1938. Check list of the Lepidoptera of Canada and the United States of America. Part 1 Macrolepidoptera. *Mem. So. Calif. Acad. Sci.* 1: 272 pp.  
 Remington, Charles L., 1952. The biology of Nearctic Lepidoptera. 1. Foodplants and life-histories of Colorado Papilionoidea. *Psyche* 59: 61-70.  
 Verity, Roger, 1905-11. *Rhopalocera Palearctica*. Florence, publ. by author. 368 pp., 72 pls.

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