MONROA WARREN, 1904, AND HETERERANNIS WARREN, 1904 (INSECTA, LEPIDOPTERA): PROPOSED USE OF PLENARY POWERS TO DESIGNATE TYPE-SPECIES. Z.N.(S.) 1898

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1. The genus Monroa Warren (1904, Novit. Zool. 11 : 555) has as its type-species by original designation, Cymatophora quinquelinearia Packard. Warren’s generic diagnosis of Monroa was based on five specimens, two males and three females, which are now in the collection of the British Museum (Natural History); one of the males bears the label in Warren’s handwriting “Monroa 5-linearia Packard”. A study of the male bearing Warren’s handwritten label by Frederick H. Rindge, during the course of the preparation of his revisional study of the genus Hulstina Dyar (1903, Proc. Ent. Soc. Wash. 5 : 178) (in press, Bull. Amer. Mus. Nat. Hist.), shows it to be Hulstina formosata Hulst. Hulstina has as its type-species H. terlineata Dyar (=formosata Hulst), by original designation. The proper type-species citation for Monroa should therefore read: Cymatophora quinquelinearia Warren (not Packard) 1904 = Cleora formosata Hulst. Monroa therefore becomes a junior synonym of Hulstina.

The generic name Monroa applies only to North American Geometridae, and it has never been in use as a valid generic name since its proposal. This name has only been cited twice since then; both times it was placed as a synonym of Glena Hulst (McDunnough, 1920, Dominion of Canada, Dept. Agric., Ent. Branch, Tech. Bull. no. 18, p. 22; Rindge, 1965, Bull. Amer. Mus. Nat. Hist. 129 : 269), as both authors cited quinquelinearia Packard as the type-species. If Warren’s misidentified type-species was to be retained, Monroa would remain as a junior synonym of Glena.

2. The genus Hetererannis Warren (1904, Novit. Zool., 11 : 106) has as its type-species, by original designation, Boarmia obliquaria Grote. The generic diagnosis of Hetererannis was based on four male specimens, which are now in the collection of the British Museum (Natural History); one of these bears a label in Warren’s handwriting “Hetererannis obliquaria Grote”. This specimen has been examined by Frederick H. Rindge, who has determined it as Glena macdunnoughi macdunnoughi Sperry. The genus Glena Hulst (1896, Trans. Amer. Ent. Soc. 23 : 358) has recently been revised for North America (Rindge, 1965, Bull. Amer. Mus. Nat. Hist., 129 : 265–306, figs. 1–28). The proper type-species citation for Hetererannis should therefore read: Boarmia obliquaria Warren (not Grote) 1904 = Glena macdunnoughi macdunnoughi Sperry. Hetererannis thus becomes a junior synonym of Glena.

The generic name Hetererannis also applies only to the North American Geometridae, and it has never been used since its proposal. If Warren’s misidentified type-species was to be retained, Hetererannis would take priority over the large, well-known, and often used generic name Anacampyptodes McDunnough (1920, Dominion of Canada, Dept. Agric., Ent. Branch, Tech. Bull. no. 18,

3. In the interest of stability of nomenclature and in the uniformity of treating misidentified type species, it is requested that the International Commission, acting under the provisions of Article 70 (a) (i), use its plenary powers to:

(a) set aside all designations of type-species for the nominal genus *Monroa* Warren, 1904, and having done so to designate *Cleora formosata* Hulst as the type-species of that genus;

(b) set aside all designations of type-species for the nominal genus *Hetereranitis* Warren, 1904, and having done so to designate *Glena macdunnoughi macdunnoughi* Sperry as the type-species of that genus.

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