

## GENERAL NOTE

*BOLORIA TODDI* OR *BELLONA*? (NYMPHALIDAE)

The eastern North American *Boloria* that for years had gone under the name *bellona* Fabricius suffered a change of name some 40 years ago. Hemming (1933, Entomologist 66: 276) noted that two species had received the name *Papilio bellona* in 1775, one by Fabricius and one by Cramer. With no way at that time of establishing relative priority of the two names, Hemming gave precedence to *Papilio bellona* Cramer (1775, Uitl. Kapellen 1: 20, pl. 13 figs. E, F), a neotropical pierid, because it was described more fully than the *bellona* of Fabricius and was illustrated.

With the name *Papilio bellona* Fabricius (1775, Syst. Ent.: 517) thus reduced to the status of a junior homonym the species had to bear the next oldest name that had been applied to it, which was *toddi* Holland (1928, Ann. Carnegie Mus. 19: 45), originally given to a subspecies from Quebec. This left the more widespread southern subspecies, formerly *bellona*, without a valid name, and Hemming proposed for it the name *ammiralis*. The combination *Boloria toddi ammiralis* Hemming came into wide and universal use down to the present day.

In 1958, however, the International Commission published Opinion 516 (1958, Opin. Decl. Int. Comm. Zool. Nomencl. 19: 1-44) assigning for the first time a definite date of publication (17 April 1775) to Fabricius' *Systema Entomologiae* and ranking the five major works published in 1775 in serial order for purposes of priority. By this *Opinion* Fabricius' *Systema Entomologiae* ranks first (earliest in the year) and Cramer's *Uitlandische Kapellen (Papillons Exotiques)*, vol. 1, pp. 1-132, ranks last, and all relevant Fabrician names take precedence over those of Cramer.

This action reverses the step taken by Hemming in 1933. It restores the name *bellona* Fabricius to use and thereby synonymizes the name *ammiralis* Hemming.

As a result the species must once again be known as *Boloria bellona* Fabricius, and the following revised entry in the check list of dos Passos (1964, Lepid. Soc., Mem. 1: 89) is needed:

**BOLORIA (CLOSSIANA)** Reuss, "1920" [1922]

599. **bellona** (Fabricius), 1775

a **b. bellona** (Fabricius), 1775

‡*myrina* (Martyn), 1797, *nec* Cramer "1779" [1777]

*ammiralis* (Hemming), 1933

etc.

b **b. toddi** (Holland), 1928

c **b. jenistai** Stallings & Turner, "1946" [1947]

Although the information necessary for reaching this conclusion has been published since 1958, it appears to have been largely overlooked. Several authors recently have changed the name back to *bellona* (e.g., Bayer & Shenefelt 1971, Mid-Cont. Lepid. Series 2 (no. 27): 4; and other articles in this journal beginning in 1969), but so far as I am aware only once has an explanation been given (Kuehn & Masters 1972, *op. cit.* 4 (no. 59): 9), and that only a brief statement. Wider dissemination and a fuller explanation of the situation would seem desirable, so I have prepared this note.

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