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Names and publication dates of the Brachyura in F.É. Guérin (Guérin-Méneville) (Crustacea: Decapoda)

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Abstract

The names and dates of the publications of Brachyura of Guérin (Guérin-Méneville from 1836) are reviewed, and previously unidentified or overlooked names are identified. Several identical new names used in multiple publications by Guérin (also under the name Guérin-Méneville), and others that appeared in the same year necessitated the accurate determination of publication dates to establish priority. The authorships of three names should be credited to Guérin (1832): *Gecarcinus lateralis* (Gecarcinidae), *Halimus aries* (Majidae), and *Libinia spinosa* (Epialtidae), the first previously attributed to Fréminville (1835), the last two to H. Milne Edwards (1834). The overlooked genus- and species-group names *Cyclocarcinus pinnotheroides* Guérin-Méneville, 1838, are determined to be senior subjective synonyms of the genus- and species-group names *Hapalonotus reticulatus* (De Man, 1879) (Pilumnidae). Applying Article 23.9.1 of the *International Code of Zoological Nomenclature*, precedence is reversed between the genus-group names and the correct name is *Hapalonotus pinnotheroides* (Guérin-Méneville, 1838). Current and widespread use of the genus-group name *Thalamita* Latreille, 1829 (31 March) (Portunidae) is threatened by the overlooked *Thalamites* Guérin, 1829 (21 March), and the precedence of the names is also reversed to maintain usage of the former. The genus-group name *Eurypodius* Guérin (Inachidae) is shown to have been established in 1828, not 1825. Included is a complete bibliography of the publications in which Guérin (also under Guérin-Méneville) established new names for Brachyura, with their accurate publication dates.

Key words: Crabs, nomenclature, objective synonymy, subjective synonymy, priority, lectotype designation, reversal of precedence

Introduction

Félix Édouard Guérin (Guérin-Méneville after 1836, see below) established 22 species-group and four genus-group names for brachyuran crabs. Eleven of these species-group names are currently recognised as valid while the remainder are considered to be junior synonyms. Three of the four genus-group names are currently considered to be valid.

The extant type material of Guérin (including that under “Guérin-Méneville”) are known to be deposited in the Muséum nationale d’Histoire naturelle, Paris (see Cleva *et al.* 2007) and the Academy of Natural Sciences of Drexel University, Philadelphia (see Spamer & Bogan 1993; 1994).

The names “Guérin” and “Guérin-Méneville”

Guérin changed his name to Guérin-Méneville in 1836 (see Cowan 1971: 21; Evenhuis 1997: 331; 2003a: 16

1854: 483). Using Sherborn's manuscript notes, Evenhuis (2011: 205, online table), provided a 13 September 1854 date of publication for the relevant part of the *Annales de la Société entomologique de France* in which Guérin-Méneville (1854b) was published.

Guérin-Méneville (1854a; 3 August 1854) has priority over Guérin-Méneville (1854b; 13 September), and should be cited as the original description of the genus-group name *Hypoconcha*. *Hypoconcha* Guérin-Méneville, 1854, is currently considered to be a valid genus (see Guinot & Tavares 2003: 97, 99, 100; Ng *et al.* 2008: 35, 36, 147, Guinot *et al.* 2013: 11, 204, 241, 253, 282).

***Aethusa* and *Aethusa makarone* in Guérin (in Brullé, 1832): incorrect spellings of *Ethusa* Roux, 1830, and *Ethusa mascarone* (Herbst, 1785) (Ethusidae)**

The names *Aethusa* and *Aethusa makarone* as used by Guérin (in Brullé 1832b: 32) are incorrect spellings of *Ethusa* Roux, 1830 and *Ethusa mascarone* (Herbst, 1785), respectively (see Castro 2005: 507; Ng *et al.* 2008: 60; Rathbun 1897a: 167).

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