



## The *Brachyura* described by the Australian carcinologist William Aitcheson Haswell: checklist, dates of publication and bibliography (Crustacea: Decapoda)

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William Aitcheson Haswell (1854–1925) “holds a special place in the history of science in Australia” (see Davie 2002: 4), and made important contributions to Australian carcinology, culminating with the publication of his *Catalogue of Australian Stalk- and Sessile-Eyed Crustacea* (Haswell 1882b) (see Carter 1928: 486–488; Davie 2002: 4).

The spellings, bibliographic references, and dates of publication of the new brachyuran names established by Haswell (1879a, b; 1880a, b, d; 1881; 1882a, b) have not always been cited accurately by later authors (e.g. see Ng *et al.* 2008: 96). In this communication, all of Haswell’s new brachyuran genus- and species-group names with their current identities (following Davie 2002; Ng *et al.* 2008) are listed (Table 1). A complete list of the brachyuran publications of Haswell with accurate dates of publication is also provided. The list includes a publication in which no new names were proposed (i.e. Haswell 1880c). A complete bibliography can be found in Carter (1928: 494–498). Information on the brachyuran type material of Haswell can be found in Griffin & Stanbury (1970).

In an article that was clearly intended to be a summary of Haswell (1880d) and published in the *Annals and Magazine of Natural History*, Haswell (1880a) diagnosed three new genus- and species-group names, thereby making them available: *Chlorinoides tenuirostris* (p. 146) of the family Epialtidae, and *Gonatorhynchus tumidus* (p. 145), and *Halimus (Microhalimus) deflexifrons* (p. 146), both of the family Majidae. The remaining 11 new names (as indicated by “mihi” behind them) in Haswell (1880a) were not diagnosed and are *nomina nuda*: *Achaeus breviceps*, *Oncinopus angulatus*, *Stenorhynchus fissifrons* (all Inachidae); *Gonatonotus pentagonus*, *Harrovia tuberculata*, *Zebrida longispina* (all Pilumnidae); *Halimus laevis*, *Leptomithrax spinulosus*, *Micippa inermis* (all Majidae); *Micippoides longimanus* (Epialtidae). The new names established in Haswell (1880a, 1 February) have priority over those in Haswell (1880d, May).

The exact date of publication of the *Catalogue of Australian Stalk- and Sessile-Eyed Crustacea* (Haswell 1882b) is not known. An accurate date of publication is necessary to determine its relative priority with that of Haswell (1882a). All the new names in Haswell (1882a) are available but also appear in Haswell (1882b). Haswell (1882b) also contains two new names that are not found in Haswell (1882a): *Leptodius granulatus* (p. 61) and *Tiarinia spinosirostris* (p. 28). Haswell (1882a) was dated by Fletcher (1896: 535) to 20 March 1882.

The preface of Haswell (1882b) is signed 1 March 1882, giving a ‘not-before’ date. In a review of the books published in April 1882, Anonymous (1882: 60) wrote: “Australian Stalk- and Sessile-Eyed Crustacea.—The Australian Museum, Sydney, has printed and issued a catalogue of the Australian Stalk- and Sessile-Eyed Crustacea, by William A. Haswell [...]”. This establishes a ‘not-after’ date of 30 April 1882.

A date of publication in April 1882 for Haswell (1882b) is consistent with three additional lines of evidence: 1) Anonymous (1883: xxviii, xxix) noted that two copies of Haswell (1882b) were presented to the Royal Society of Tasmania before 9 May 1882; 2) the Preface (p. iii) of a copy of Haswell (1882b) from the University of California is inscribed: “With the Curator’s compliments, Aust. Mus. Syd. May 25<sup>th</sup> 1882”; 3) the Preface of another copy of the *Catalogue* in the library of the Australian Museum and originally owned by J.W. Kirk is inscribed: “With author’s compts. 30/5/82” (Shane T. Ahyong, *in litt.*, 24 February 2012).

In the absence of further information, the opinion of Griffin (1970: 206) that Haswell’s (1882a, 20 March) descriptions were repeated in his *Catalogue* (Haswell 1882b, between 1 March and 30 April) is followed. Only the names *Leptodius granulatus* and *Tiarinia spinosirostris* which are not found in Haswell (1882a) are available from Haswell (1882b) (Table 1).

Haswell (1879a, b; 1880a, b, d; 1881; 1882a, b) established four new genus-group names (one of which is currently considered to be valid) and 68 new species-group names (37 of which are currently considered to be valid) (Table 1; Ng *et al.* 2008).