



<http://dx.doi.org/10.11646/zootaxa.3636.2.9>

<http://zoobank.org/urn:lsid:zoobank.org:pub:D639022D-1F00-4219-9B15-6FEF10448F39>

## The Decapoda described by Henri Filhol: checklist and dates of publication (Crustacea: Anomura, Brachyura, Caridea)

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### Abstract

Henri Filhol authored thirteen publications that established new names for decapod crustaceans in 1884 and 1885. The accurate dates of these publications are determined utilising notices of Filhol's publications in contemporary journals and library date-stamps. A checklist of the names for the Decapoda established by Filhol and their current identities is presented. *Labophrys* Filhol, 1885, and not *Lobophrys*, is shown to be the correct spelling for the junior objective synonym of *Paramithrax* H. Milne Edwards, 1834 (type species *Pisa barbicornis* Latreille, in Latreille, Le Peletier, Serville & Guérin, 1825) (Brachyura: Majidae Samouelle, 1819).

**Key words:** Henri Filhol, *Talisman*, *Travailleur*, *Passage de Vénus sur le Soleil*, New Zealand, Crustacea, Decapoda, Brachyura, nomenclature

### Introduction

Henri Filhol (b. 11 May 1843, d. 28 April 1902) was a physician who also published extensively on zoology and palaeontology (Anonymous 1890: 22–24; 1902: 133, 134; Gaudry 1902: 367, 368; Pettit 1902: 415–453). Filhol's publications on the decapod crustaceans resulted from voyages of the French survey vessels *Talisman* and *Travailleur* (Filhol 1884a, b, 1885a, k), as well as the *Passage de Vénus sur le Soleil* expedition (Filhol 1884c, 1885b–j). A complete bibliography of Filhol is given in Pettit (1902: 436–453).

Filhol (1884a, c, 1885a–k) established 46 species-group names (27 of which are currently considered to be valid), and six genus-group names (three of which are currently considered to be valid) (Table 2) in Decapoda in a total of thirteen publications.

The type material on which Filhol (1884a, c, 1885a–k) based his descriptions of decapod taxa is deposited in the Muséum national d'Histoire naturelle, Paris (MNHN) (extant material has been discussed by Castro 2007: 752, 753, fig. 51; Crosnier 1978: 26, footnote; Crosnier & Forest 1973: 92, 124, 145; Forest *et al.* 2000: 11; Holthuis 1980: 187; Saint Laurent & McLaughlin in Forest *et al.* 2000: 110, 167, 174, 179, 184, 206).

### Dates of publication

#### *Talisman* and *Travailleur* Decapoda: *La Nature* and *La vie au fond des mers*

Filhol (1884a, 1885a) published popular accounts of the research aboard the French survey vessels *Talisman* and *Travailleur* in the weekly *La Nature* (some of which were translated into English, e.g. Filhol 1884b). Holthuis (1980: 184) noted that although these new names were established “clearly unintentionally”, they are nevertheless available nomenclaturally. The dates of publication of the parts of Filhol's (1884a, 1885a) accounts were