



Article

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The Brachyura described by John Robert Kinahan, and a discussion on Kinahan's overlooked authorship of the family-group name Litocheiridae (Crustacea: Decapoda)

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Abstract

John Robert Kinahan (b. 1828, d. 1863) published new names for Brachyura collected from Australia, Ireland and Peru in three publications. The dates of publication of these papers have not been previously determined accurately and some were issued as separates and/or issued in multiple journals. The dates of these publications are determined, and a list of all known new names proposed by Kinahan for the Brachyura (and their current identities) is provided. Kinahan is also determined to be the author of the family-group name Litocheiridae by an overlooked set of criteria making the name available in 1856.

Key words: Royal Dublin Society, *Natural History Review*, dates of publication, authorship, priority, type material, Australia, Ireland, Peru

Introduction

John Robert Kinahan (b. 1828, d. 1863) published extensively on the marine fauna of Ireland (Kinahan 1857b–d) and the decapod Crustacea elsewhere (see Andrews 1864: 33–37; Anonymous 1869: 651–654). Kinahan's major works on the Brachyura were based on material collected during his voyages to Australia and Peru (Kinahan 1856a, b; 1857a). Kinahan's (1857a) list of Crustacea of Peru was the first such list to be published for that country (Rathbun 1910: 532). The dates of publication of these papers remained questionable for a long time. Kinahan (1856a; 1857a, b) established eight species- and two genus-group names for the Brachyura (Table 1), and also made available the family-group name Litocheiridae by a hitherto overlooked set of criteria (Kinahan 1856a: 116, 121).

Dates of publications

Kinahan's paper "Crustacea ... of Port Philip" published in the *Journal of the Royal Society of Dublin* has been cited as published in "1856" (ICZN 1925; 1956a, b) and "1858" (ICZN 1964). The "Crustacea ... of Port Philip" (Kinahan 1856a) was issued as a separate before 1 December 1856 (Anonymous 1857a: 35–36). It was also published in the third part of the first volume of the *Journal of the Royal Society of Dublin* (Kinahan 1856b) before 31 December 1856 (Berry 1915: 364). Article 21.8 of the *International Code of Zoological Nomenclature* (hereafter the Code, ICZN 1999) is clear that separates of an article issued in advance also bring forward the date of publication. The new names proposed in "Crustacea ... of Port Philip" are thus available from 1 December 1856.