



The carcinological *oeuvre* of Charles Spence Bate (1819–1889): Checklist of species and genera, dates of publication, and a list of publications (Crustacea: Amphipoda, Cirripedia, Cumacea, Decapoda, Tanaidacea)

Sammy De Grave¹  & Christopher B. Boyko²

¹Oxford University Museum of Natural History, Oxford, OX1 3PW, UK

²Department of Biology, Hofstra University, Hempstead, NY 11549, USA and Division of Invertebrate Zoology, American Museum of Natural History, New York, NY 10024, USA

Correspondence: S. De Grave; e-mail: sammy.degrave@oum.ox.ac.uk

ABSTRACT

Charles Spence Bate (1818–1889) was one of the more influential mid to late 19th century crustacean taxonomists, with broad interests spanning several taxonomic groups, such as Amphipoda and Decapoda. Despite several contemporary obituaries, no full publication list for him has ever been assembled. In the present contribution, we provide a complete listing of publications and all species- and genus-level crustacean taxa described by Spence Bate, and indicate their current status. Corrections to publication dates are listed, and several decisions are made to stabilise crustacean nomenclature. In a scientific career spanning almost 50 years (1850–1889), Spence Bate described a total of 402 species and 70 genera in Decapoda, 181 species and 46 genera in Amphipoda, as well as eight genera and eight species of Cumacea, four genera and 16 species of Isopoda, three of Tanaidacea and one of Cirripedia. Of these, 36.2% of species and 45.7% of genera are still considered as the accepted names for their taxa today.

KEY WORDS: Amphipoda, Cirripedia, Cumacea, Decapoda, nomenclature, *nomina dubia*, Tanaidacea, taxonomy, type material

INTRODUCTION

Charles Spence Bate (Fig. 1) was born in Truro, England on 16 March 1818, the eldest son of Charles Bate and Harriet Spence, and qualified as a dentist in 1841, after which he moved to Swansea to practise. Whilst at Swansea, he developed a keen interest in natural history and helped organise the annual meeting of the British Association for the Advancement of Science, a body he became associated with for the remainder of his life (Harpley, 1889). Evidently, Spence Bate started observing and collecting the local marine fauna during his time at Swansea, with an immediate focus on crustaceans, and started publishing on the subject in 1850, with a note on the biology of intertidal crabs (Spence Bate, 1850a) and natural history observations on the local fauna (Spence Bate, 1850b), including his first two species descriptions of Decapoda. Spence Bate moved to Plymouth in 1851 and built up a highly successful dentistry practice. He published regularly on the subject of dentistry through the following years, but equally became an international authority on

Crustacea, whilst maintaining an active interest in the natural history of Devon more broadly (Harpley, 1889).

Spence Bate was highly regarded in scientific as well as dentistry circles, served on the board of the Plymouth Institution, was one of the founders of the Devonshire Association, rose to the rank of Deputy Provincial Grand Master, and was a noted correspondent of Darwin. He purchased a country residence ('The Rock') at South Brent a few years prior to his death, where he died after a brief illness on 29 July 1889, aged 71. His final *magnum opus*, the monumental report on the Macrura of the *Challenger* expedition (Spence Bate, 1888) took him ten years to complete, with the collection sent to Devon in December 1877, and manuscript parts arriving back in Edinburgh between 9 December 1880 and 20 March 1888.

Further details of the many achievements of Spence Bate can be found in Anonymous (1889, 1890), Harpley (1889), and Clark (2018). Despite his prominence in crustacean taxonomy, no full publication list has ever been drawn up, nor has a critical



Figure 1. Charles Spence Bate (1818–1889). Courtesy of the Devonshire Association.

list of all the taxa he described been assembled. This contribution sets out to do that.

An initial list of publications was compiled by consulting various contemporary obituaries (e.g., [Anonymous, 1889, 1890](#); [Harpley, 1889](#)) combined with information derived from reference lists in various publications and compendia (e.g., [Clark, 2018](#); [Stebbing, 1906](#)). This was supplemented by consulting the relevant volumes of the *Catalogue of Scientific Papers Compiled by the Royal Society of London* (see [Clark \(2018\)](#) for a listing), as well as the *Bibliotheca Cornubiensis* ([Boase & Courtney, 1874](#)) and early issues of *Zoological Record*. Additionally, a manual search of contemporary journals and book series was undertaken, including, but not restricted to, those in which Spence Bate was known to have published, such as the *Annals and Magazine of Natural History* and the *Annual Reports of the British Association*, but effectively covering most (if not all) British and Irish natural history journals of the period; Google was also extensively deployed. Spence Bate attended many of the annual meetings of the British Association ([Harpley, 1889](#)) and often contributed oral presentations, as well as serving on several committees. Although many of these contributions resulted in full articles in the Annual Reports (e.g., [Spence Bate, 1863b](#)), several consist of titles only as listed in the 'Notices and Abstracts of Miscellaneous Communications to the Sections' part of the Reports, for example: 'On the geographical distribution of the British genera of the sessile-eyed Crustacea ([Spence Bate & Westwood, 1869](#)). It may be possible that some of these communications were overlooked if they did not specifically mention a

crustacean-related term in the title. Although we are confident that no crustacean names or nomenclatorial acts by Spence Bate were overlooked and we consider the bibliography complete, a caveat must be added. Spence Bate was a prolific letter writer and his opinion was highly sought out for matters related to crustaceans. Some of these letters have appeared in works by other people and are listed in the bibliography as, for example, [Spence Bate in Lee \(1881\)](#). Equally, lists of crustaceans assembled by Spence Bate have appeared in larger compilations authored by others, for example [Spence Bate in Heape \(1888\)](#). As these letters and lists are almost impossible to trace, there remains an outside possibility we may have overlooked such occurrences.

In addition to providing the correct publication dates for various works, a number of decisions are taken to stabilise crustacean nomenclature; for example, the designation of a lectotype for *Plesionika uniproducta* [Spence Bate, 1888](#) and the designation of type species for several genera. Additionally, several names, mainly those of larval decapods, are herein considered to be *nomina dubia*. All these changes and decisions are either noted in the alphabetical listing or, if necessary, more fully discussed in the text that follows. In this respect, it should be noted that the amphipod genus *Gossea* [Spence Bate & Westwood, 1862](#) [[Spence Bate & Westwood, 1861–1863](#)] was separately dealt with in a recent contribution ([Boyko & De Grave, 2023](#)), as that case had ramifications beyond Crustacea.

In a scientific career spanning almost fifty years (1850–1889), Spence Bate published 89 contributions to crustacean biology and systematics ([Fig. 2](#)), many of which were copiously illustrated ([Fig 3A–C](#)) ([Spence Bate, 1850a, b, 1851a, b, c, d, 1852, 1854, 1855a, b, 1856a, b, c, 1857a, b, c, d, e, f, g, 1858a, b, c, d, e, f, g, h, i, j, k, l, m, 1859a, b, c, d, e, f, 1859–1861, 1861a, b, 1862, 1863a, b, 1864, 1865a, b, c, d, 1866a, b, c, d, Spence Bate in Sclater, 1865, 1867, 1868a, b, c, d, 1870, 1872, 1873, 1876a, b, 1877, 1878a, b, c, d, e, f, 1879a, b, 1881a, b, 1882, 1884a, b, 1885, 1888, 1889, Spence Bate & Brooking Rowe, 1880; Spence Bate & Westwood, 1861–1863, 1863–1868, 1866, 1869; Spence Bate in Lee, 1881; Spence Bate in Heape, 1888](#)). Over his entire career, he described (excluding *nomina nuda*) a total of 402 species and 70 genera in Decapoda, 181 species and 46 genera in Amphipoda, as well as eight genera and eight species of Cumacea, four genera and 16 species of Isopoda, three species of Tanaidacea, and one of Cirripedia. Across all taxa, 36.2% of species and 45.7% of genera are still considered as the accepted names for their taxa today. For Decapoda and Amphipoda, those percentages are 32.6% and 43.1%, respectively, for species and 45.7% and 45.6%, respectively, for genera.

In the alphabetical listing, all crustacean genus- and species-level taxa described by Spence Bate are listed in their original spelling (and generic placement), their current validity and spelling, with a reference to the original publication, starting page of the description, and figure range included. Type localities are verbatim as in the various articles and have not been corrected nor updated. Unless otherwise indicated or discussed, synonymies follow the major compilations of their respective higher taxa (e.g. [Stebbing, 1906](#) for Amphipoda and [De Grave & Fransen, 2011](#) for Caridea). All revised data have been uploaded to the World Register of Marine Species ([WoRMS Editorial Board, 2024](#)) and its subsidiary databases as part of their continuous curation.

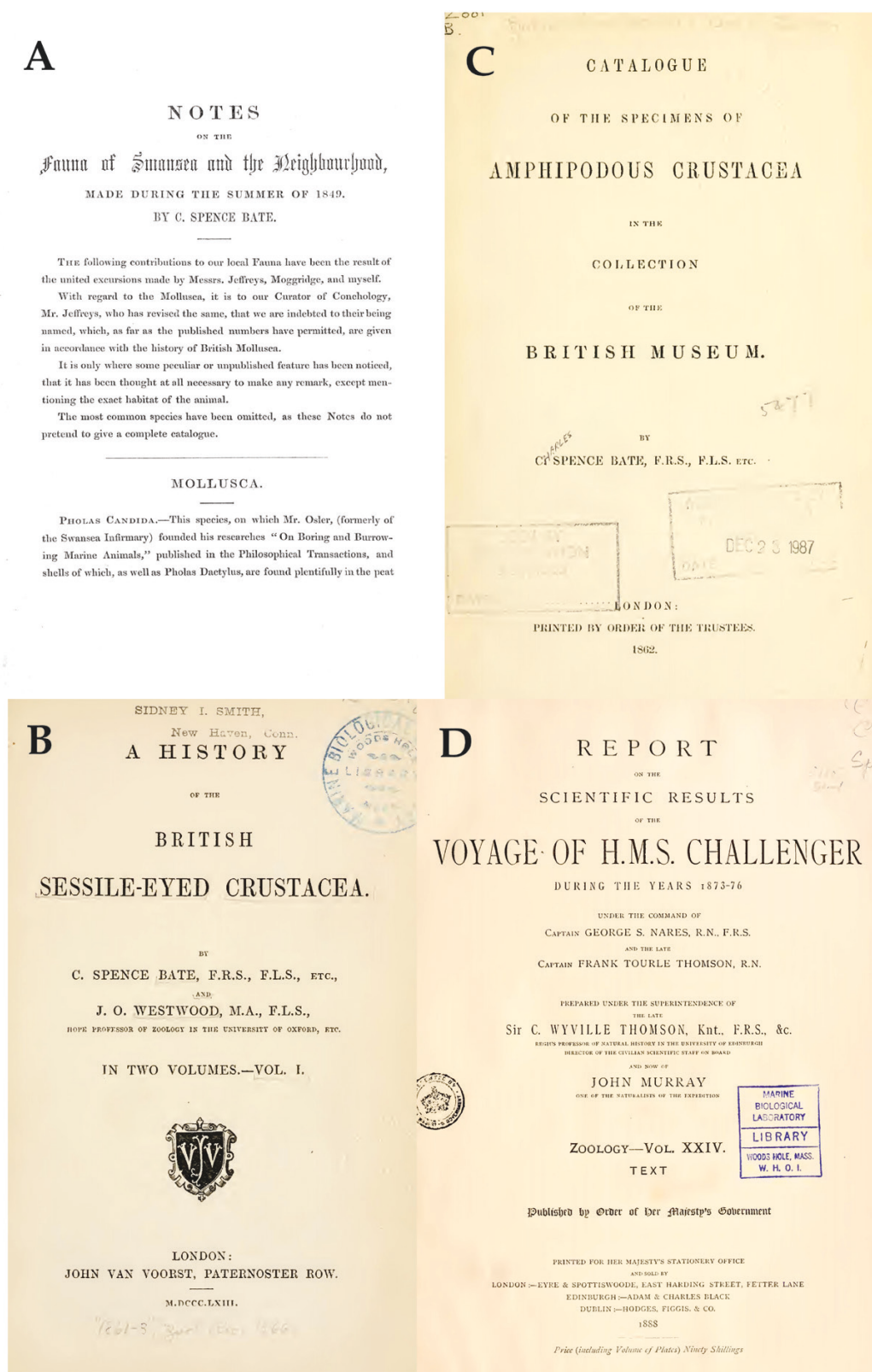


Figure 2. Title page of Spence Bate (1850b), in which his first descriptions of Decapoda appeared (A); frontispiece of Spence Bate & Westwood (1861–1863) (B); frontispiece of Spence Bate (1863a) (C); frontispiece of Spence Bate (1888) (D). All reproduced from works in the public domain (www.biodiversitylibrary.org).

A note on the author's *nom de plume*

Considerable confusion exists as to how Bate's publications should be quoted in the literature. For example, Stebbing (1888), in the

bibliography part of the *Challenger* Report on the Amphipoda, consistently used 'Spence Bate' to refer to the author when discussing matters in the text, but listed the author's contributions

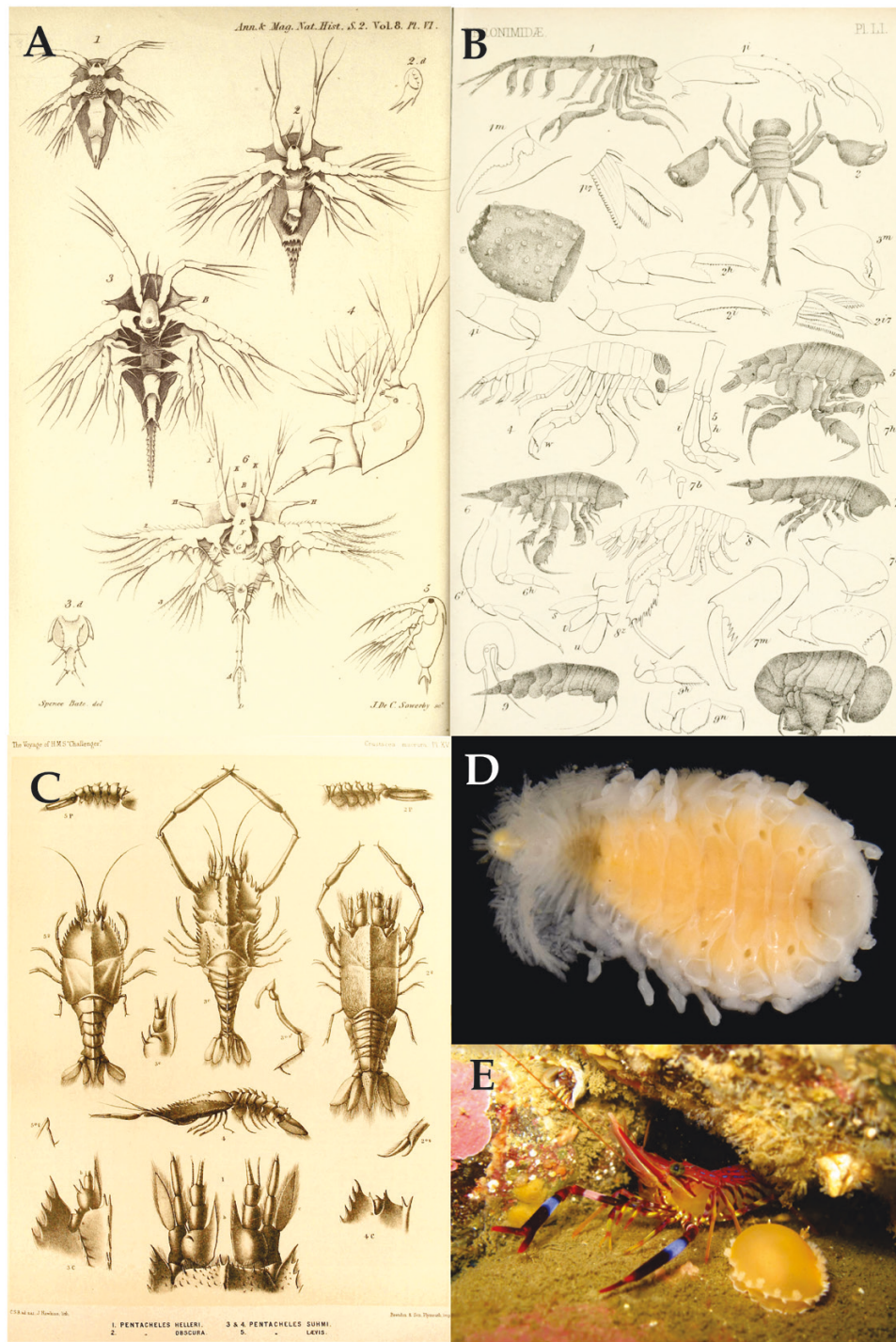


Figure 3. Illustrations from the works of Charles Spence Bate on the development of Cirripedia (Spence Bate, 1851c) (A), various Phronimidae in Spence Bate (1863a) (B), various Polychelidae from Spence Bate (1888) (C), and two species described by Spence Bate: *Ione cornuta* Spence Bate, 1863 (D) and *Campylonotus vagans* Spence Bate, 1888 (E). A–C, reproduced from works in the public domain (www.biodiversitylibrary.org); D, reproduced under CC BY-NC 3.0 DEED license (copyright G. Paulay); E, reproduced under a CC BY-NC-SA 4.0 DEED license (copyright M. Rodríguez).

under ‘Bate, Charles Spence.’ Later, in his overview of amphipods, Stebbing (1906) simply used ‘Bate’ throughout, a usage followed equally by Barnard (1969). As such, this usage has been largely followed in the majority of subsequent literature on the taxonomy of amphipods, although in recent years ‘Spence Bate’ has become perhaps more common since the update of the authority to

Spence Bate in the *World Amphipoda Database*. This issue is rather more pernicious in the decapod taxonomic literature, with recent large-scale compendia using either ‘Spence Bate’ (e.g., De Grave & Franssen, 2011), ‘Bate’ (e.g., Chan, 2010), or even a combination of both (e.g., Ng *et al.*, 2008), with both variants being in common usage across the taxonomy literature since 2011.

Clark (2018), in an attempt to break this impasse, scrutinised contemporary journals and societies with which Spence Bate was affiliated or published in and emphasised the alphabetical listings of the name. These, by and large, indeed used (but with exceptions) 'Bate, C.S.' and there is no question that Bate was the surname of the author, as already stated by Froglija & Clark (2011). This nevertheless does not negate the argument by Dubois (2008) that authors of zoological literature are *nomina* and not *persona*; something that, as so often is the case in taxonomy, is somewhat difficult to apply retrospectively to the Victorian era.

We simply note that in all the articles on crustaceans by Spence Bate discussed herein, the 'nomen' 'C. Spence Bate' is used on the byline and thus we strictly follow Dubois (2008) and use 'Spence Bate' for taxon authorities and consequently in the alphabetical literature listing. This appears logical to us, as it is akin to the universally used (at least across Crustacea) citation forms of H. Milne Edwards and A. Milne-Edwards (see Forest (1996)), two 'persona' who also suffered from 'nomina' inflation, as without question the surname of Henri was Edwards alone (Forest, 1996). It is noted that in the present listing of articles on crustaceans authored by Spence Bate, there is one (listed below as Spence Bate, 1858k) in which the byline does state 'Bate,' perhaps due to this being a translation into French of Spence Bate (1858j). Purists may indeed want to refer to this article as 'Bate, 1858,' rather than 'Spence Bate, 1858' but rebuttal to that argument was provided by Spence Bate & Westwood (1861–1863: 444) who referred to the authorship of the French article as 'Spence Bate.' Because the French article does not have any nomenclatorial consequences and is merely listed for bibliographical completeness, however, we leave this conflict for others to address.

Notes on larval Decapoda described by Spence Bate (1888, 1889)

In the monumental work on the *Challenger* Macrura, Spence Bate described a large number of larval forms across many developmental stages, even erecting several new genera to accommodate them. Few of these names have subsequently been unequivocally linked to adult forms, and the identity of the majority of these have remained obscure. For some, the taxonomic status has been partly elucidated by previous authors; for example, *Peteinura* Spence Bate, 1888 which according to Burkenroad (1936) is a larval stage of an undeterminable species of *Plesiopenaeus* Spence Bate, 1881 [Spence Bate, 1881b] (now *Cerataspis* Gray, 1828) and *Amphiplectus* Spence Bate, 1888, which according to Calman (1906) is of unknown family level affinity within Caridea. For other larval names, decisions are herein taken based on the best available evidence in, often older, literature. For example, *Parathanas decorticus* Spence Bate, 1888, the type species of the genus, was considered by Coutière (1907) to be based on the larvae of an undeterminable species of *Athanas* Leach, 1814 [Leach, 1813–1815]. As such, *Parathanas* Spence Bate, 1888 is herein considered a junior synonym of *Athanas* Leach, 1814 [Leach, 1813–1815]. A considerable proportion of these larval names, nonetheless, remain obscure and are herein dealt with accordingly. For example, the genus *Zoontocaris* Spence Bate, 1888 with the constituent species *Z. galathea* Spence Bate,

1888 and *Z. approximatus* Spence Bate, 1888 was based on a larval stage of an undeterminable species of Galatheidae according to Gurney (1942). All three names are herein considered *nomina dubia*.

Two larval genera, *Zoontocaris* and *Oodeopus* Spence Bate, 1888 do not have any type species designated, either by Spence Bate himself or through subsequent actions. As both genera are *nomina dubia*, no action is herein taken to rectify this.

A further larval form was described by Spence Bate (1889) in his last article on Crustacea, which appeared posthumously, as the new genus and species *Ophthalmeryon transitionalis*, on the basis of a single '... small and much battered' specimen, '... swallowed by a dolphin and... therefore... affected somewhat by the gastric juices of the fish's stomach,' from an unknown locality. Bouvier (1917) considered it '... certainement un Penéide de la forme *Cerataspis*.' De Grave & Franssen (2011) listed the species name under Penaeoidea Larvata and considered it a larval form of unknown adult affinity. Following the resurrection of *Cerataspis* Gray, 1828 as the senior synonym of *Plesiopenaeus* Spence Bate (1881) [Spence Bate, 1881b] by Bracken-Grissom *et al.* (2012), it becomes clear that *Ophthalmeryon* is indeed a junior synonym of *Cerataspis* (compare Spence Bate, 1889, pl. 9, figs. 1–3 to Bracken-Grissom *et al.*, 2012, fig. 1), as already considered by Bouvier (1917). We herein thus consider *Ophthalmeryon* Spence Bate (1889) a junior synonym of *Cerataspis* Gray (1828). The species name, *O. transitionalis* Spence Bate (1889) is herein considered a *nomen dubium*, as only genetic data could link the species to an adult in Aristeidae, which is unlikely given the age and poor state of the type specimen (if it even still exists).

A note on the cumacean names *Scorpionura* Houston, 1834 (*nec* Spence Bate, 1858) and *Vauntomponia* Spence Bate, 1858 [Spence Bate, 1858e]

The first mention of the cumacean genus *Scorpionura* was in the 'List of Crustacea in the museum of John Thompson, Esq. of Cork, purchased by the Royal College of Surgeons in 1833' in the Appendix to the Descriptive Catalogue of the Preparations in the Museum of the Royal College of Surgeons in Ireland (Houston, 1834) with specimens of *S. vulgaris*, *S. longicornis*, and *S. maxima* listed, but without any description, making them *nomina nuda*. The next mentions of the genus and its three species were in Thompson (1844) and Humpreys (1845), but without any descriptive remarks, again these being *nomina nuda*. The names were further listed in the fourth volume of the *Natural History of Ireland* (Thompson, 1856) as recorded from 'South of Ireland,' and the genus was mentioned in Melville (1857), in both cases without descriptions, but with the added qualification in Melville (1857) that the genus was synonymous with *Cuma* H. Milne Edwards, 1828, *Alauna* Goodsir, 1843, and especially *Bodotria* Goodsir, 1843.

In the introductory remarks of Spence Bate (1858e), M.D. Kinahan explained that the three tubes containing specimens of the aforementioned species, deposited by Thompson in the museum of the Royal College of Surgeons, Dublin, were re-examined and handed over to Spence Bate for further examination. One of the species (*S. maxima*) was considered identical with *Diastylis rathkei* (Krøyer, 1841a) by Spence Bate (1858e)

and listed under the synonymy of that species. On the same page, Spence Bate erected the genus *Vauntomponia* Spence Bate, 1858 [Spence Bate, 1858e] with *V. cristata* Spence Bate, 1858 [Spence Bate, 1858e] as its only species, with Spence Bate claiming authority for both names (as ‘n. g.’ and ‘n. sp.’) (Spence Bate, 1858e: 102). *Scorpionura vulgaris* J.V. Thomson is listed in the synonymy for that species. Finally, *Cyrianassa longicornis* (Houston, 1834) was described a few pages later, which Spence Bate attributed to J.V. Thomson, clearly referring to the earlier name of *Scorpionura longicornis* as originally listed by Houston (1834). It is evident from this that the generic name *Scorpionura* cannot be attributed to Spence Bate (1858e), as he did not mention the name on its own and referred two of its constituent species to different genera. Neither are the names *Scorpionura maxima* and *S. vulgaris* available from this work, as both were published in synonymy with other names (International Commission of Zoological Nomenclature (1999): Article 16.1). The names were further discussed in Kinahan (1858) in ‘On the genus *Scorpionura* (J.V. Thompson, MSS),’ which largely copied the text and figures from Spence Bate (1858e). This article has often been attributed to Spence Bate, but clearly has Kinahan as its author, although he acknowledged that ‘...I have extracted Mr. Bate’s communication and figures in extenso from the Journal of the Royal Dublin Society...’ referring to Spence Bate (1858e). In this article, Kinahan stated that ‘At one time Mr. Spence Bate thought of retaining the name *Scorpionura* for this last genus [referring to *Vaunthomponia* [sic]], but that name already being pre-occupied, he has thought it better to call the genus after the discoverer of the Irish species.’ The generic name *Scorpionura*, as well as two of its constituent species did not become available from Kinahan (1858), as the relevant parts of the text are identical to Spence Bate (1858e). In summary, *Scorpionura*, *S. maxima*, *S. vulgaris*, and *S. longicornis*, despite being discussed repeatedly in a number of publications, remain as *nomina nuda* and should be attributed to Houston (1834) and not J.V. Thomson, W. Thomson or indeed Spence Bate, as the Appendix in that work is not listed under a separate author on the contents page.

Spence Bate (1858e: 103) in selecting the name *Vauntomponia* for a new genus, stated: ‘In selecting a name, I have fixed on that of the discoverer, being one which is familiar to every carcinologist, and to which honour is due for valuable discoveries in this department of zoology. More than one of the name being eminent as naturalists, a license has been taken: the Christian name has been incorporated with the surname, and both spelled according to sound: the word is thus both shortened and rendered more easy for pronunciation by foreigners.’ The genus, however, has subsequently almost universally been spelled as ‘*Vaunthomponia*.’ The confusion most likely stems from the spelling *Vaunthomponia* used in Kinahan (1858), an unjustified emendation *sensu* Article 33.2.2 (International Commission of Zoological Nomenclature (1999)), as Kinahan’s article has usually 1) been attributed to Spence Bate, and 2) more often than not regarded as the type description of the genus, despite Kinahan (1858: 205) specifically referring to Spence Bate (1858e) as containing the type description. Nevertheless, Article 33.2.3.1 (International Commission of Zoological Nomenclature (1999)) specifies that ‘...when an unjustified emendation is in prevailing usage and is attributed to the original author and

date it is deemed to be a justified emendation.’ Even though current usage links *Vaunthomponia* Spence Bate, 1858 to what is herein considered Kinahan (1858), the original description from Spence Bate (1858e) is in the same year, although not the same article, and the prevailing spelling of the generic name *Vaunthomponia* can be maintained under current International Commission of Zoological Nomenclature rules.

A note on *Caridion gordonii* (Spence Bate, 1858) [Spence Bate, 1858h]

As briefly discussed by Holthuis (1955a) and at length by Hemming (1957), Spence Bate (1858h), in an article entitled ‘A new British Hippolyte’ in *The Natural History Review*, did not specify the scientific name of the species being described, merely stating: ‘I have named it after its discoverer, the Rev. G. Gordon of Elgin,’ although the species name occurs on page iv of the index of the journal volume, where a different title is listed for the article: ‘Hippolyte gordonii, a species new to science.’ A duplicate description of this publication appears as Spence Bate (1858d) with the title ‘Description of a new British Hippolyte (*Hippolyte gordoniana* n.s.)’ in the *Proceedings of the Dublin University Zoological and Botanical Association*. The publication date of Spence Bate (1858d) was assumed to be 1859 prior to the present contribution, but is herein resolved as July 1858, rendering priority of the name *gordoniana* over *gordonii*, as the publication date of Spence Bate (1858h) could not be fully resolved and was set to 31 December 1858, as per Article 21.3.2 (International Commission of Zoological Nomenclature (1999)).

The name ‘*gordonii*’ was nevertheless placed on the *Official List of Specific Names in Zoology* in Opinion 470 (International Commission of Zoological Nomenclature (1957)) as ‘...being the specific names of species which are the type species of genera ...,’ with the following entry ‘...*gordonii* Bate, 1858, as published in the combination *Hippolyte gordonii* (specific name of type species of *Caridion* Goës, 1864 (Name No. 1196).’ Article 80.6.4 of the Code states that ‘If a name entered in an Official List is thought to be a synonym of another available name (whether in an Official List or not), their relative precedence is determined by the normal application of the Code unless the Commission rules or has ruled otherwise’ (International Commission of Zoological Nomenclature (1999)). Under this Article of the Code, it appears that *gordoniana* should indeed have priority. In the same opinion (Op. 470, International Commission of Zoological Nomenclature (1999)), however, the name ‘*gordoniana*’ was also placed on the *Official Index of Rejected and Invalid Specific Names in Zoology*, with the following entry ‘...*gordoniana* Bate, 1859, as published in the combination *Hippolyte gordoniana* (a junior objective synonym of *gordonii* Bate, 1858, as published in the combination *Hippolyte gordonii* (Name No. 388).’ Article 80.7.1. states that ‘A work, name or nomenclatural act entered in an Official Index has the status attributed to it in the relevant ruling(s).’ (International Commission of Zoological Nomenclature (1999)). Despite Spence Bate (1858h) appearing later than Spence Bate (1858d), the nomen *Hippolyte gordoniana* thus remains a junior synonym of *Hippolyte gordonii*, preserving current usage of the nomen *Caridion gordonii* (Spence Bate, 1858) [Spence Bate, 1858h].

A note on the spelling of two names of amphipods

Spence Bate throughout his career usually (but not exclusively) used *-ii* as the ending when naming species after male contemporaries. For example, *Solenocera lucasii* Spence Bate, 1881 [Spence Bate, 1881b] (now *Hadropenaeus lucasii*), was named for the French entomologist and carcinologist Pierre-Hippolyte Lucas (1814–1899). In the majority of cases, currently valid names in this category use the original spelling (e.g., *Cylopus lucasii* Spence Bate, 1863) [Spence Bate, 1863a]. For two well-known amphipod taxa, *Lembos websteri* Spence Bate, 1857 [Spence Bate, 1857b] and *Metopa alderi* (Spence Bate, 1857) [Spence Bate, 1857b], however, current usage is with only a single *-i*. Article 33.4 of the Code (International Commission of Zoological Nomenclature (1999)) specifically deems this an incorrect subsequent spelling, although Article 33.3.1 allows for such spellings in prevailing usage to be preserved, with the spelling becoming a correct original spelling. As both these species are commonly cited in the northwest-European literature on marine ecology outside of taxonomic articles, it seems preferable to adhere to this Article and maintain current, prevailing spelling.

A note on the publication dates of Spence Bate's *Catalogue of the Specimens of Amphipodous Crustacea in the Collection of the British Museum* and the early parts of Spence Bate & Westwood's *A History of British Sessile-eyed Crustacea*

In a seminal publication on the collection of amphipods contained in the then British Museum (now Natural History Museum), Spence Bate described a large number of species and genera from a variety of places both within the United Kingdom and further afield (Spence Bate, 1863a). It has been long assumed that this article was published in 1862, as stated on the frontispiece, and this is almost universally the publication date used in taxonomic literature on Amphipoda. Sherborn (1934), however, gave the publication date of this volume as 14 March 1863, the date used herein.

During the same period, Spence Bate was collaborating with Westwood, an entomologist well known for his illustration skills, on the *History of British Sessile-eyed Crustacea*, which appeared in 23 parts published between 1 October 1861 and 31 December 1868, and bound in two volumes (see Holthuis (1977)). Volume 1 consists of 11 parts of which parts 1–10 were published before 1 December 1862, in advance of Spence Bate (1863a); exact publication dates for all parts can be found in Holthuis (1977).

It is evident from comparing the content of both works that the *Catalogue* must have been finished quite some time before its eventual publication date, almost certainly in 1861 or perhaps even earlier. For example, Spence Bate & Westwood (1861–1863: 152) in discussing *Grayia imbricata* Spence Bate & Westwood, 1862 [Spence Bate & Westwood, 1861–1863] referred to the exact printed page and plate number in the *Catalogue* on which that species is described. Part 4 of that publication (pages 145–192), however, was published on 1 January 1862, and it seems evident that Spence Bate must have seen late-stage proofs of the *Catalogue* well before 1861 came to an end. All British species discussed in either volume of the *Sessile-eyed Crustacea* but listed as new taxa in the *Catalogue*, have an exact page and figure reference to that information in the *Catalogue*, but without an actual publication date. It

certainly seems that the descriptions in the *Catalogue* of those taxa were meant to be the original ones as, for example, Spence Bate & Westwood (1861–1863: 170) further remarked for *Monoculodes simpsoni*: ‘... it was from this imperfect animal that the original description, in the *Catalogue* of the British Museum, was made.’ Nevertheless, the rules of nomenclature are such that the descriptions of those duplicate taxa in parts 1–10 of the first volume of Spence Bate & Westwood (1861–1863) take precedence over those in Spence Bate (1863a).

Caution is advised when comparing both texts, as the type descriptions of the taxa discussed in part 11 (pp. 481–507) in Spence Bate & Westwood (1861–1863), which was published 1 April 1863, remain as Spence Bate (1863a), based on publication date priority. For example, *Dryope crenatipalma* Spence Bate, 1863 [Spence Bate, 1863a] (now *Unciola crenatipalma*) is discussed and illustrated in Spence Bate & Westwood (1861–1863: 490), but remains as *Unciola crenatipalma* (Spence Bate, 1863).

A note on the amphipod genus *Amphipronoe* Spence Bate, 1863

Spence Bate (1863a) described the hyperiid amphipod genus *Amphipronoe* with *A. cuspidata* Spence Bate, 1863 as its type species, based on specimen(s) from near the Cape of Good Hope collected by Captain Reynaud in 1829, possibly deposited in the collection of the Natural History Museum (London), but considered lost by Zeidler (2016). The description stated that the new genus is closely allied to *Pronoe* Guérin-Méneville, 1836, but differs in the form of the antennule and in the fusion of the fourth and fifth pleon segments into one segment. Claus (1879) and Stebbing (1888) pointed out that the latter was likely an observational error, because in hyperiid amphipods, it is the fifth and sixth pleon segments that coalesce. Claus (1879) effectively considered *Amphipronoe* undefinable and with considerable caution suggested it may be identical with his own *Parapronoe* Claus, 1879. Zeidler (2016), in his review of platyscelid genera accepted this viewpoint and rejected the older name to preserve nomenclatorial stability (reversal of precedence) under Article 23.9 (International Commission of Zoological Nomenclature (1999)). No supporting evidence was presented by Zeidler (2016), however, that Article 23.9.1.2 could be satisfied, a requirement for invoking reversal of precedence under the current Zoological Code (International Commission of Zoological Nomenclature (1999)). It seems quite possible, however, to consider both the genus and its type species as *nomina dubia*, given the supposed error in the description and the fact that the type material is considered lost (Zeidler, 2016), in any case preserving prevailing usage of the junior name, *Parapronoe*.

A note on the type species of *Sunamphitoe* Spence Bate, 1857

Spence Bate (1857b: 147) briefly characterised the amphipod genus *Sunamphitoe* Spence Bate, 1857, including two new species, *S. hamulus* Spence Bate, 1857 [Spence Bate, 1857b] and *S. conformata* Spence Bate, 1857 [Spence Bate, 1857b], but without designating a type species. Chevreux & Fage (1925: 340) subsequently designated *Ampithoe pelagica* H. Milne Edwards, 1830a, as the type species, presumably on the basis that both *S.*

hamulus and *S. conformata* (these being male and female of the same species; see [Stebbing \(1888\)](#)), the only species included in the genus by [Spence Bate \(1857b\)](#), had long been considered synonyms of *Sunamphitoe pelagica* (e.g., [Stebbing, 1906](#)), with this type species designation persisting in literature (e.g., [Peart, 2017](#)). Notwithstanding the correctness of the species level synonymy, this contravenes Article 69 of the current Code ([International Commission of Zoological Nomenclature \(1999\)](#)), which stipulates that only originally included species are eligible for subsequent fixation as type species. To correct this error, we herein select *Sunamphitoe hamulus* Spence Bate, 1857, a junior subjective synonym of *Ampithoe pelagica* H. Milne Edwards, 1830 [[H. Milne Edwards, 1830a](#)], as the type species of *Sunamphitoe* Spence Bate, 1857.

The higher systematic categories designated by Spence Bate Spence Bate established a number of families within Decapoda, the first being Synaxidae Spence Bate, 1881 [[Spence Bate, 1881a](#)], which is now considered a synonym of Palinuridae Latreille, 1802. In the volume on the *Challenger* Macrura ([Spence Bate, 1888](#)), he established a further six families: Hippolytidae, Acanthephyridae, Styloactylidae, Thalassocarididae (now considered a synonym of Pandalidae [Haworth, 1825](#)), Pylochelidae, and Hectarthropidae (now considered a synonym of Processidae [Ortmann, 1896](#)). In the same work he also established the infraorder Stenopodidea and the suborder Dendrobranchiata, as well as the no-longer-accepted Divisions Phyllobranchiata and Trichobranchiata and Tribe Synaxidea [Spence Bate, 1888](#) (see [Poore \(2016\)](#) for a discussion of higher-taxon concepts in Decapoda).

Two families of Amphipoda are currently attributed to Spence Bate, viz. Oxycephalidae and Platyscelidae (see [Zeidler \(2016\)](#)); the date of both needs emending to 1863, as that work ([Spence Bate, 1863a](#)) was published on 14 March 1863 (see [Sherborn \(1934\)](#)).

Two families of Cumacea are currently attributed to Spence Bate, viz. Diastylidae Spence Bate, 1856 and Nannastaciidae Spence Bate 1866; see [Spence Bate \(1856a: 450\)](#) and [Spence Bate \(1866c: 329\)](#), respectively.

SPECIES AND GENERA OF CRUSTACEA DESCRIBED BY C. SPENCE BATE

(Taxa are listed alphabetically; currently accepted taxa are listed in bold. Type localities are as in the original papers)

- Acanthacaris***. [Spence Bate \(1888: 171\)](#). Type species: *Acanthacaris tenuimana* [Spence Bate, 1888](#); by monotypy. Currently valid [Decapoda: Nephropidae].
- acanthitelsonis***, *Acanthephyra*. [Spence Bate \(1888: 745, pl. 125, fig. 3\)](#). Type locality: 1°47'N 24°26'W and 1°22'N 26°36'W, Atlantic, south-west of Sierra Leone. Currently valid [Decapoda: Acanthephyridae].
- acetiformis*, *Mastigopus*. [Spence Bate \(1888: 376\)](#). Type locality: Western Pacific Ocean. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- acuminata***, *Glyphocrangon*. [Spence Bate \(1888: 522, pl. 94, figs. 2, 3\)](#). Type locality: *Challenger* stn. 175, 19°02'S 177°10'E

- [South Pacific], 2468 m; lectotype designated by [Komai \(2004\)](#). Currently valid [Decapoda: Glyphocrangonidae].
- acutifrons***, *Acanthephyra*. [Spence Bate \(1888: 749, pl. 126, fig. 3\)](#). Type locality: *Challenger* stn. 191, 5°41'S 134°04'30"E, off Kepulauan Aru, Indonesia, 1463 m; lectotype designated (as 'type') by [Kemp \(1906\)](#). Currently valid [Decapoda: Acanthephyridae].
- acutifrons***, *Eiconaxius*. [Spence Bate \(1888: 40, pl. 5, fig. 2d–q\)](#). Type locality: *Challenger* stn. 194A, 04°31.0'S 129°57.20' E, Banda Sea; lectotype designated by [Komai & Tsuchida \(2012\)](#). Currently valid [Decapoda: Axiidae].
- acutifrons***, *Pasiphaea*. [Spence Bate \(1888: 871, pl. 141, fig. 3\)](#). Type locality: *Challenger* stn. 311, 52°45'30"S 73°46'0"W, off Port Churrucá, Patagonia, 245 fms; stn. 236, 34°58'N 139°29'E, south of Japan, 77 fms. Currently valid [Decapoda: Pasiphaeidae].
- aesopia***, *Anchistia*. [Spence Bate \(1864: 502, pl. 41, fig. 5\)](#). Type locality: Gulf St. Vincent. Currently valid as *Ancylomenes aesopius* ([Spence Bate, 1864](#)) [Decapoda: Palaemonidae].
- affinis*, *Vibilia*. [Spence Bate \(1863a: 302, pl. 49, fig. 8\)](#). Type locality: Java. Regarded as an undeterminable species (*taxon inquirendum*) by [Zeidler \(2003\)](#) [Amphipoda: Vibiliidae].
- Africana***, *Talorchestia*? [Spence Bate \(1863a: 15, pl. 2, fig. 6\)](#). Type locality: Port Natal. Currently valid as *Swaziator africanus* ([Spence Bate, 1863](#)) [Amphipoda: Talitridae].
- africanum*, *Macrobrachium*. [Spence Bate \(1868c: 366, pl. 31, fig. 3\)](#). Type locality: Tambo River [[Semper \(1868\)](#) stated that this is a river near Islay, Peru and not in Africa as presumed by Spence Bate]. Currently considered a junior synonym of *Cryphiops caementarius* ([Molina, 1782](#)) [Decapoda: Palaemonidae].
- agulhasensis***, *Merhippolyte*. [Spence Bate \(1888: 619, pl. 110, fig. 4\)](#). Type locality: 35°4'S 18°37'E, south of the Cape of Good Hope. Currently valid [Decapoda: Hippolytidae].
- alderi*, *Megamoera*. [Spence Bate & Westwood \(1862\) \[Spence Bate & Westwood, 1861–1863\]: 407](#). Type locality: coast of Northumberland; Banff. Also indicated as new in [Spence Bate \(1863a: 228, pl. 40, fig. 1\)](#). Currently considered a junior synonym of *Abludomelita obtusata* ([Montagu, 1813](#)) [Amphipoda: Melitidae].
- Alderii***, *Montagua*. [Spence Bate \(1857b: 137\)](#). Type locality: coast of Northumberland. Currently valid as *Metopa alderi* ([Spence Bate, 1857](#)) [Amphipoda: Stenothoidae].
- alphonsi*, *Heterocarpus*. [Spence Bate \(1888: 663, pl. 112, fig. 1\)](#). Type locality: 4°33'N 127°6'E, south of the Philippines; 35°11'N 139°28'E, off Japan. Currently considered a junior synonym of *Heterocarpus dorsalis* [Spence Bate, 1888](#); under First Reviser Principle by [Calman \(1939\)](#) [Decapoda: Pandalidae].
- alta-fissura*, *Cryptolithodes*. [Spence Bate \(1865b: 665\)](#). Type locality: east side of Vancouver Island. Also indicated as new in [Spence Bate \(1865c: 489\)](#) and [Spence Bate \(1866b: 272, unnumbered plate, fig. 6\)](#). Currently considered a junior synonym of *Cryptolithodes sitchensis* [Brandt, 1853](#) [Decapoda: Lithodidae].
- altamarina***, *Kroyera*. [Spence Bate & Westwood \(1862\) \[Spence Bate & Westwood, 1861–1863\]: type locality: sixty miles east of the Shetlands](#). Currently valid as *Pontocrates*

- altamarinus* (Spence Bate & Westwood, 1862) [Amphipoda: Oedicerotidae].
- alticrenatus**, *Ibaccus*. Spence Bate (1888: 63, pl. 9, fig. 2). Type locality: west of New Zealand, 39°32'S 171°48'E. Currently valid [Decapoda: Scyllaridae].
- altus**, *Benthescymus*. Spence Bate (1881b: 191). Type locality: between Australia and Japan. Currently valid [Decapoda: Benthescymidae].
- altus**, *Nematocarcinus*. Spence Bate (1888: 809, pl. 132, fig. 4). Type locality: *Challenger* stn. 198, 2°55'N 124°53'E, south of the Philippine Islands. Currently valid as *Segonzackomaius altus* (Spence Bate, 1888) [Decapoda: Nematocarcinidae].
- altus**, *Paraxius*. Spence Bate (1888: 37, pl. 5, fig. 1d–z). Type locality: 2°33'S 144°4'W, north of Papua. Currently valid [Decapoda; Axiidae].
- Amanonyx*. Spence Bate (1856c: 58). *Nomen nudum* [Amphipoda].
- Amathilla*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 359. Replacement name for *Amathia Rathke, 1836*, a junior homonym of *Amathia Lamouroux, 1812* (Bryozoa); currently considered a junior synonym of *Gammarellus Herbst, 1793* [Herbst, 1791–1796] [Amphipoda: Gammarellidae].
- amboinae**, *Scallasis*. Spence Bate (1888: 34, pl. 2, figs. 3, 4). Type locality: Amboina. Currently valid [Decapoda; Calianassidae].
- americanum**, *Macrobrachium*. Spence Bate (1868c: 363, pl. 30). Type locality: Lake of Amatitlan. Currently valid [Decapoda: Palaemonidae].
- Amphilochus**. Spence Bate (1863a: 107). Type species: *Amphilochus manudens* Spence Bate, 1863; by monotypy. Currently valid [Amphipoda; Amphilochidae].
- Amphiplectus*. Spence Bate (1888: 622). Type species: *Amphiplectus depressus* Spence Bate, 1888; by monotypy. Considered a *nomen dubium* in all but name by Calman, 1906; herein followed [Decapoda: Caridea].
- Amphipronoë*. Spence Bate (1863a: 335). Type species: *Amphipronoë cuspidata* Spence Bate, 1863; by monotypy. Herein considered a *nomen dubium* [Amphipoda: Hyperiidea].
- amplidens**, *Pasiphaea*. Spence Bate (1888: 870, pl. 141, fig. 2). Type locality: 34°58'N 139°29'E, off Matuku, Fiji Islands. Currently valid [Decapoda: Pasiphaeidae].
- amplus**, *Pandalopsis*. Spence Bate (1888: 671, pl. 115, fig. 3). Type locality: 37°17'S 53°52'W, off Monte Video. Currently valid as *Pandalus amplus* (Spence Bate, 1888) [Decapoda: Pandalidae].
- ampulloides*, *Anonyx*. Spence Bate (1863a: 78, pl. 12, fig. 8). Type locality: Japan. Currently considered a junior synonym of *Anonyx nugax* (Phipps, 1774) [Amphipoda: Uristidae].
- anchoralis**, *Penaeus*. Spence Bate (1881b: 181). Type locality: south of New Guinea. Also indicated as new in Spence Bate (1888: 258, pl. 35, fig. 1). The type locality given in Spence Bate (1881b) corresponds to *Challenger* stn. 188, 9°59'S 139°42'E, Arafura Sea, south of Papua, as listed in the complimentary description of Spence Bate (1888). Material listed therein from other *Challenger* stations is herein not considered part of the type series. Currently valid as *Trachypenaeus anchoralis* (Spence Bate, 1881) [Decapoda: Penaeidae].
- Anebocharis*. Spence Bate (1888: 722). Type species: *Anebocharis quadroculus* Spence Bate, 1888; by monotypy. Based on a larval stage of an undeterminable species of Alpheidae, according to Coutière (1907); herein considered a *nomen dubium* [Decapoda: Alpheidae].
- Angasia*. Spence Bate (1864: 498). Type species: *Angasia pavonina* Spence Bate (1864); by monotypy. Currently considered a junior synonym of *Tozeuma Stimpson (1860)* [Decapoda: Hippolytidae].
- angulatus*, *Caricyphus*. Spence Bate (1888: 718, pl. 121, fig. 6). Type locality: 46°46'S 45°31'E, near Marion Island. Larval stage of an undeterminable species of Oplophoridae or AcanthePHYridae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda].
- angulatus*, *Panulirus*. Spence Bate (1888: 81, pl. 11, figs. 2–4). Type locality: 1°54'S 146°39'40"E, Eastern Pacific, north of New Guinea. Currently valid as *Puerulus angulatus* (Spence Bate, 1888) [Decapoda: Palinuridae].
- angusta*, *AcanthePHYra*. Spence Bate (1888: 737, pl. 124, fig. 6). Type locality: 4°34'0"S 129°57'30"E, off Banda Island. Currently considered a junior synonym of *AcanthePHYra eximia* Smith, 1884 [Decapoda: AcanthePHYridae].
- annulatus*, *Anonyx*. Spence Bate (1863a: 79, pl. 13, fig. 3). Type locality: Japan. Considered a *nomen dubium* by Steele (1969) who stated that the type series belongs to an unidentified species of *Orchomenella* [Amphipoda: Tryphosidae].
- antipodes*, *Anchylomera*. Spence Bate (1863a: 322, pl. 51, figs. 9, 10). Type locality: 58°S 172°W, near the antipodes. Zeidler (2021) considered this to be a probable junior synonym of *Brachyscelus crusculum* (Spence Bate, 1861) [Amphipoda: Phrosinidae].
- antipodes*, *Thamyris*. Spence Bate (1863a: 335, pl. 53, fig. 4). Type locality: 58°S 172°W, near the antipodes. Currently considered a junior synonym of *Brachyscelus globiceps* (Claus, 1879) [Amphipoda: Brachyscelidae].
- antiqua**, *Phaedra*. Spence Bate (1859f: 138, pl. 6, fig. 8). Type locality: Moray Firth. Considered a *nomen dubium* by Krapp-Schickel & Sorbe (2006).
- approxima*, *AcanthePHYra*. Spence Bate (1888: 755, pl. 126, fig. 8). Type locality: 51°27'30"S 74°3'0"W, Sarmiento Channel, Patagonia. Currently considered a junior synonym of *AcanthePHYra carinata* Spence Bate, 1888; under First Reviser Principle by Calman (1939) [Decapoda: AcanthePHYridae].
- approximus*, *Zoontocaris*. Spence Bate (1888: 475, pl. 85, fig. 4). Type locality: off Mindanao, Celebes. Larval stage of an undeterminable species of Galatheidae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda: Galatheidae].
- Archaeastacus*. Spence Bate (1884a: 307). Type species: *Archaeastacus Willemoesii* Spence Bate, 1884; by monotypy. Also indicated as new in Spence Bate (1884b: 511) and Spence Bate (1888: 117, text fig. 29). Currently considered a junior synonym of *Coleia crassichelis* (Woodward, 1866) [Decapoda: Polychelidae].
- arcurostris*, *Icotopus*. Spence Bate (1888: 886, pl. 144, fig. 1). Type locality: off Cape Howe, Australia. Larval stage of an undeterminable species of *Plesionika* Spence Bate, 1888; herein considered a *nomen dubium* [Decapoda: Pandalidae].

- arenaria**, *Bellia*. Spence Bate (1851b: 318, pl. 11, figs. 1–8). Also indicated as new in Spence Bate (1857b: 140), as *Sulcator arenarius*. Type locality: Oxwich and Rhosilly bays near Swansea. Currently valid as *Haustorius arenarius* (Spence Bate, 1851) [Amphipoda: Haustoriidae].
- arenaria**, *Kroyera*. Spence Bate (1858i: 15, pl. 2, fig. 1). Type locality: near Sunderland. Currently valid as *Pontocrates arenarius* (Spence Bate, 1858). [Amphipoda: Oedicerotidae].
- armatus**, *Aristeus*. Spence Bate (1881b: 188). Type locality: among the islands of the Australasian archipelago, in the North Pacific, and South Atlantic. Currently considered a junior synonym of *Cerataspis monstrosus* Gray, 1828 [Decapoda: Aristeidae].
- armatus**, *Oodeopus*. Spence Bate (1888: 879, pl. 142, fig. 4). Type locality: New Hebrides and Cape York. Larval stage of an undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- Artemesia**. Spence Bate (1888: 280). Type species: *Artemesia longinaris* Spence Bate, 1888; by monotypy. Currently valid [Decapoda: Penaeidae].
- Aucklandia**, *Orchestia*. Spence Bate (1863a: 17, pl. 1a, fig. 3). Type locality: Auckland. Currently valid as *Subantarctorchestia aucklandiae* Spence Bate, 1863 [Amphipoda: Talitridae].
- audouini**, *Brachycarpus*. Spence Bate (1888: 798, pl. 129, fig. 5). Type locality: 41°4'S 174°19'E, off New Zealand. Junior secondary homonym of *Palaemon audouini* Heller, 1861; replaced with *Periclimenes yaldwyni* by Holthuis (1959) [Decapoda: Palaemonidae].
- Audouiniana**, *Lysianassa*. Spence Bate (1857b: 138). Type locality: Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid as *Perierella audouiniana* (Spence Bate, 1857) [Amphipoda: Lysianassidae].
- auriculatus**, *Pentacheles*. Spence Bate (1878c: 280). Type locality: 19°10'S 178°10'E, off Fiji. Currently valid as *Stereomastis auriculata* (Spence Bate, 1878) [Decapoda: Polychelidae].
- australiensis** [var.], *Penaeus canaliculatus*. Spence Bate (1888: 248, pl. 32, fig. 3). Type locality: Port Jackson, Australia. Currently considered a junior synonym of *Penaeus plebejus* Hess, 1865 [Decapoda: Penaeidae].
- Australiensis**, *Amphithoë*. Spence Bate (1863a: 228, pl. 41, fig. 7). Type locality: South Australia. Currently valid [Amphipoda: Amphithoidae].
- austrinus**, *Atylus*. Spence Bate (1863a: 137, pl. 26, fig. 4). Type locality: Sydney. Currently valid as *Paramoera austrina* (Spence Bate, 1863) [Amphipoda: Pontogeneiidae].
- baccatus**, *Polycheles*. Spence Bate (1878c: 278). Type locality: Challenger stn. 173, 19°09.35'S 179°41.50'E, off Matuku Is., Fiji; through lectotype designation in Galil (2000). Currently valid [Decapoda: Polychelidae].
- Bairdii**, *Urothoë*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 193). Type locality: Moray Frith. Also indicated as new in Spence Bate (1863a: 114, pl. 19, fig. 1). Currently valid [Amphipoda: Urothoidae].
- Barleii**, *Hippolyte*. Spence Bate (1852: 357, pl. 5B, fig. 1). Type locality: off the Haaf, Shetlands. Currently considered a junior synonym of *Eualus pusiolus* (Krøyer, 1841b) [Decapoda: Thoridae].
- Barretti**, *Pherusa*. Spence Bate (1863a: 146, pl. 27, fig. 10). Type locality: North Atlantic. Considered a *nomen dubium* by Krapp-Schickel & Sorbe (2006) [Amphipoda: Calliopidae].
- Bellia**. Spence Bate (1851b: 318). Type species: *Bellia arenaria* Spence Bate (1851), by monotypy. Junior homonym of *Bellia* H. Milne Edwards, 1848 (Brachyura); replaced by Spence Bate (1854) with *Sulcator* Spence Bate, 1854 [Amphipoda: Haustoriidae].
- Bellianus**, *Tetromatus*. Spence Bate (1857b: 139). Type locality: Moray Frith; Plymouth Sound. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Ampeliscia brevicornis* (Costa, 1853) [Amphipoda: Ampeliscidae].
- Bentheocaris**. Spence Bate (1888: 723). Type species: *Bentheocaris stylostratis* Spence Bate, 1888; by subsequent designation in Holthuis (1955b). Currently considered a junior synonym of *Acanthephyra* A. Milne-Edwards, 1881 [Decapoda: Acanthephyridae].
- Benthescymus**. Spence Bate (1881b: 190). Type species: *Benthescymus crenatus* Spence Bate, 1881; by subsequent designation in Spence Bate (1888). Currently valid [Decapoda: Benthescymidae].
- bermudensis**, *Alpheus*. Spence Bate (1888: 547, pl. 98, fig. 3). Type locality: Bermuda. Currently considered a junior synonym of *Alpheus packardii* Kingsley, 1880 [Decapoda: Alpheidae].
- biangulatus**, *Proclites*. Spence Bate (1888: 884, pl. 127, fig. 4). Type locality: 5°41'0"S 134°4'30"E, off the Arrou Islands. Currently considered a junior synonym of *Proclites levicarina* (Spence Bate, 1888); under First Reviser Principle by Gopala Menon (1972) [Decapoda: Pandalidae].
- bicornis**, *Diastylis*. Spence Bate (1865a: 84, pl. 1, fig. 2). Type locality: Shetlands. Currently considered a junior synonym of *Diastylis cornuta* (Boeck, 1864) [Cumacea: Diastylidae].
- bicornis**, *Petalocerus*. Spence Bate (1865b: 666). Type locality: Esquimalt Harbour. Also indicated as new in Spence Bate (1865c: 490) and Spence Bate (1866b: 275; unnumbered plate, fig. 1). Currently considered a junior synonym of *Phyllolithodes papillosus* Brandt, 1848 [Decapoda: Lithodidae].
- bidentatus**, *Hippolyte*. Spence Bate (1888: 591, pl. 105, figs. 1, 2). Type locality: Atlantic Ocean; between Challenger stns. 62 and 63. Currently considered a junior synonym of *Hippolyte coeruleus* (Fabricius, 1775) [Decapoda: Hippolytidae].
- bidenticulata**, *Lysianassa*. Spence Bate (1858c: 362). Type locality: not indicated. Currently valid as *Socarnes bidenticulatus* (Spence Bate, 1858) [Amphipoda: Lysianassidae].
- bimarginatus**, *Diastylis*. Spence Bate (1878a: 409, text fig. 1). Type locality: Aberdeen. Currently considered a junior synonym of *Diastylis ratkei* (Krøyer, 1841a) [Cumacea: Diastylidae].
- bimaxillaris**, *Stylodactylus*. Spence Bate (1888: 855, pl. 138, fig. 1). Type locality: 1°54'0"S 146°39'40"E, off the Admiralty Islands. Currently valid as *Parastylodactylus bimaxillaris* (Spence Bate, 1888) [Decapoda: Stylodactylidae].
- binoculoides**, *Nannastacus*. Spence Bate (1865a: 87, pl. 1, fig. 4). Type locality: Shetland. Currently considered a junior synonym of *Nannastacus unguiculatus* (Spence Bate, 1859) [Spence Bate, 1859a] [Cumacea: Nannastacidae].

- binoculus**, *Nothocaris*. Spence Bate (1888: 656, pl. 114, fig. 2). Type locality: 8°56'S 136°5'E, Arafura Sea, south of New Guinea. Currently valid as *Plesionika binoculus* (Spence Bate, 1888) [Decapoda: Pandalidae].
- bispinimanus**, *Eurystheus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 357). Type locality: Banff. Also indicated as new in Spence Bate (1863a: 197, pl. 35, fig. 8). Currently considered a junior synonym of *Gammaropsis maculata* (Johnston, 1828) [Amphipoda: Photidae].
- bispinosa**, *Dexamine*. Spence Bate (1857b: 142). Type locality: Plymouth; Penzance; Falmouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid as *Apherusa bispinosa* (Spence Bate, 1857) [Amphipoda: Dexaminidae].
- Blanchardi**, *Moera*. Spence Bate (1863a: 190, pl. 34, fig. 5). Type locality: Cape of Santo Viti, Sicily. Currently considered a junior synonym of *Quadrimaera inaequipes* (Costa in Hope, 1851) [Amphipoda: Maeridae].
- Blossevilliana**, *Dexamine*. Spence Bate (1863a: 131, pl. 24, fig. 2). Type locality: not designated. Considered a *nomen dubium* by Barnard & Karaman (1991) [Amphipoda: Dexaminidae].
- borealis**, *Diastylis*. Spence Bate (1865a: 85, pl. 1, fig. 3). Type locality: Port Kennedy. Currently considered a junior synonym of *Diastylis lucifera* (Krøyer, 1841a) [Cumacea: Diastylidae].
- borealis**, *Vibilia*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 524). Type locality: off the coast of Banff. Currently valid [Amphipoda: Vibiliidae].
- Borneensis**, *Phronima*. Spence Bate (1863a: 318, pl. 51, fig. 3). Type locality: Borneo. Currently considered a junior synonym of *Phronima sedentaria* (Forskål, 1775) [Amphipoda: Phronimidae].
- Brachycarpus**. Spence Bate (1888: 795). Type species: *Brachycarpus savignyi* Spence Bate, 1888; by original designation. Currently valid [Decapoda: Palaemonidae].
- Brachyscelus**. Spence Bate (1861a: 7). Type species: *Brachysceles crusculum* Spence Bate, 1861; by monotypy. Also indicated as new in Spence Bate (1863a: 333). Currently valid [Amphipoda: Brachyscelidae].
- brachytelsonis**, *Acanthephyra*. Spence Bate (1888: 753, pl. 126, fig. 7). Type locality: *Challenger* stn. 170, 29°55'S 178°14'W, off the Kermadec Islands, 520 fms; stn. 170A, 29°45'S 178°11'W, north of the Kermadec Islands, 630 fms; stn. 171, 28°33'S 177°50'W, north of the Kermadec Islands, 600 fms; stn. 194, 4°34'N 129°57'30"E, off Banda Island, 200 fms; stn. 214, 4°33'N 127°6'E, south of the Philippine Islands, 500 fms; stn. 232, 35°11'N 139°28'E, Japan, 345 fms; stn. 236, 34°58'N, 139°29'E, south of Japan, 775 fms; stn. 318, 42°32'S 56°29'W, north of the Falkland Islands, 2,040 fms. Currently considered a junior synonym of *Acanthephyra eximia* Smith, 1884 [Decapoda: Acanthephyridae].
- Brandtia**. Spence Bate (1863a: 129). Type species: *Gammarus latissimus* Gerstfeldt, 1859; by monotypy. Currently valid [Amphipoda: Acanthogammaridae].
- brasiliensis**, *Benthesicymus*. Spence Bate (1881b: 191). Type locality: Atlantic and Pacific Oceans. Currently valid [Decapoda: Benthesicymidae].
- brevicarpa**, *Kroyera*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 508). Type locality: Banff. Currently considered a junior synonym of *Synchelidium haplocheles* (Grube, 1864) [Amphipoda: Oedicerotidae].
- brevicaudata**, *Megamoera*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 409). Type locality: off Plymouth; Moray Frith. Also indicated as new in Spence Bate (1863a: 228, pl. 40, fig. 2). Currently considered a junior synonym of *Elasmopus rapax* Costa, 1853 [Amphipoda: Maeridae].
- brevicornis**, *Urothoë*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 198). Type locality: Tenby. Also indicated as new in Spence Bate (1863a: 116, pl. 20, fig. 1). Currently valid [Amphipoda: Urothoidae].
- brevidigitata**, *Orchestia*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 497). Type locality: Banff. Currently considered a junior synonym of *Orchestia gammarellus* (Pallas, 1766) [Amphipoda: Talitridae].
- brevipes**, *Ibaccus*. Spence Bate (1888: 62, pl. 9, fig. 1). Type locality: 5°49'15"S 132°14'15"E, off the Ki Islands. Currently valid as [Decapoda: Scyllaridae].
- brevipes**, *Leptaspidia*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 333). Type locality: Cumbrae. Considered a *nomen dubium* by Just & Wilson (2004) [Isopoda: Janiroidea].
- brevirostris**, *Acanthephyra*. Spence Bate (1888: 751, pl. 126, figs. 5, 6). Type locality: 1°22'N 26°36'W, Atlantic, southwest of Sierra Leone. Currently considered a junior synonym of *Meningodora vesca* (Smith, 1886) [Decapoda: Acanthephyridae].
- brevirostris**, *Notostomus*. Spence Bate (1888: 832, pl. 134, fig. 3). Type locality: 8°37'S 34°28'W, off Pernambuco. Currently considered a junior synonym of *Notostomus gibbosus* A. Milne-Edwards, 1881 [Decapoda: Acanthephyridae].
- brevirostris**, *Oplophorus*. Spence Bate (1888: 766, pl. 127, fig. 3). Type locality: 12°21'N 122°15'E, off Tablas Island. Currently considered a junior synonym of *Oplophorus typus* H. Milne Edwards, 1837 [Decapoda: Oplophoridae].
- brevirostris**, *Plesionika*. Spence Bate (1888: 650, pl. 113, fig. 5). Type locality: 6°47'N 122°28'E, between the Philippine Islands and Borneo. Currently valid [Decapoda: Pandalidae].
- brevitelsonis**, *Acanthosoma*. Spence Bate (1888: 367, pl. 64, fig. 1). Type locality: Western Pacific Ocean. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- caecula**, *Westwoodia*. Spence Bate (1857b: 139). Type locality: Moray Frith; Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58, as *Westwoodia caeculus*). Currently valid [Amphipoda: Oedicerotidae].
- caecus**, *Eryoneicus*. Spence Bate (1882: 457). Type locality: off the Canary Islands. Currently considered a junior synonym of *Stereomastis sculpta* (Smith, 1880) [Polychelida: Polychelidae].
- caldwelli**, *Astacus*. Spence Bate in Sclater (1865: 469, pl. 27). Type locality: vicinity of Antananarivo, Madagascar. Currently valid as *Astacoides caldwelli* (Spence Bate in Sclater, 1865) [Decapoda: Parastacidae].
- Calliope**. Spence Bate (1857b: 142). Type species: *Calliope Leachii* Spence Bate, 1857; by monotypy. Also listed as a

- nomen nudum* in Spence Bate (1856c: 58). Junior homonym of *Calliope* Gould, 1836 (Aves); replaced with *Calliopius* by Lilljeborg (1865) [Amphipoda: Calliopidae].
- calva*, *Caprella*. Spence Bate (1863a: 359, pl. 57, fig. 1). Type locality: Banff; Northumberland; Millport; Plymouth. Currently considered a junior synonym of *Caprella acanthifera* Leach, 1814 [Leach, 1813–1815] [Amphipoda: Caprellidae].
- Calymarina*. Spence Bate (1888: 731). *Nomen nudum*, no species included; considered a junior synonym of *Ephyrina* Smith, 1885 by Holthuis (1955b) [Decapoda: Acanthephyridae].
- Cambriensis*, *Lembos*. Spence Bate (1857b: 142). Type locality: Glamorganshire. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Microdeutopus anomalus* (Rathke, 1843) [Amphipoda: Aoridae].
- Campylonotus**. Spence Bate (1888: 767). Type species: *Campylonotus semistriatus* Spence Bate, 1888; by subsequent designation in Holthuis, 1955b. Name placed on the Official List of Generic names in Opinion 470 (International Commission of Zoological Nomenclature (1957)). Currently valid [Decapoda: Campylonotidae].
- capensis**, *Campylonotus*. Spence Bate (1888: 773, pl. 128, fig. 3). Type locality: *Challenger* stn. 145, 46°43'S 38°4'30"E, off Marion Island, 140 fms; stn. 122, 9°5'S 34°50'W, off Pernambuco, 350 fms. Currently valid [Decapoda: Campylonotidae].
- Carcinocystus*. Spence Bate (1876a: 379). Considered a *nomen nudum* by Boschma (1960), but herein considered a *nomen dubium* as a cursory description features in a footnote (Boschma, 1960: 376). A somewhat lengthier description can be found in Spence Bate (1878b: 85), but not therein considered a novel name [Cirripedia: Rhizocephala].
- Caricyphus*. Spence Bate (1888: 712). Type species: *Caricyphus gibberosus* Spence Bate, 1888; by subsequent designation in Holthuis (1955b). Based on a larval stage of an undeterminable species of Oplophoridae or Acanthephyridae [Caridea] according to Gurney (1942); herein considered a *nomen dubium* [Decapoda].
- carinata**, *Acanthephyra*. Spence Bate (1888: 748, pl. 126, fig. 2). Type locality: 51°27'30"S 74°3'0"W, Sarmiento Channel, Patagonia. Currently valid [Decapoda: Acanthephyridae].
- carinata**, *Krøyeria*. Spence Bate (1857b: 140). Type locality: Moray Frith; Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58, as *Westwoodea carinatus*). Currently valid [Amphipoda: Oedicerotidae].
- carinatum*, *Lepidepecreum*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 509. Type locality: Banff. Currently considered a junior synonym of *Lepidepecreum longicornis* (Spence Bate & Westwood, 1861) [Spence Bate & Westwood, 1861–1863] [Amphipoda: Tryphosidae].
- carinatus**, *Allorchestes*. Spence Bate (1863a: 37, pl. 6, fig. 2). Type locality: Italy. Currently valid as *Micropythia carinata* (Spence Bate, 1863) [Amphipoda: Kuriidae].
- carinatus**, *Otus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 224. Type locality: Shetlands. Also indicated as new in Spence Bate (1863a: 126, pl. 23, fig. 2). Currently valid as *Odius carinatus* (Spence Bate & Westwood, 1862) [Spence Bate & Westwood, 1861–1863] [Amphipoda: Ochlesidae].
- cenobita**, *Cheiroplatea*. Spence Bate (1888: 12, pl. 1, fig. 1). Type locality: 4°34'S 129°57'30"E, between the Arrou Islands and Banda. Currently valid [Decapoda: Pylochelidae].
- Cheiroplatea**. Spence Bate (1888: 11). Type species: *Cheiroplatea cenobita* Spence Bate, 1888; by monotypy. Currently valid [Decapoda: Pylochelidae].
- Cheirothrix*. Spence Bate (1888: 532). Type species: *Cheirothrix parvimanus* Spence Bate, 1888; by monotypy. Junior homonym of *Cheirothrix* Pictet & Humbert, 1886 (Pisces); replaced by Holthuis (1955b) with *Batella* [Decapoda: Alpheidae].
- chelifera**, *Stimpsonia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 284. Type locality: Salcombe Harbour. Also indicated as new in Spence Bate (1863a: 162, pl. 29, fig. 9). Currently valid as *Microdeutopus chelifer* (Spence Bate & Westwood, 1862) [Amphipoda: Aoridae].
- Cheramus** Spence Bate (1888: 30). Type species: *Cheramus occidentalis* Spence Bate, 1888; by subsequent designation in Manning & Felder, 1991, as *Callianassa (Cheramus) batei* Borradaile, 1903 (replacement name for *Cheramus occidentalis* Spence Bate, 1888; as *Callianassa occidentalis* is a junior secondary homonym of *Callianassa occidentalis* Stimpson, 1856). Currently valid [Decapoda: Callianassidae].
- Chorismus**. Spence Bate (1888: 616). Type species: *Chorismus tuberculatus* Spence Bate, 1888; by monotypy. Currently valid [Decapoda: Hippolytidae].
- cincinnati*, *Caradina*. Spence Bate (1864: 500, pl. 40, fig. 3). Type locality: Gulf St. Vincent. Currently considered a junior synonym of *Hippolyte australiensis* (Stimpson, 1860) [Decapoda: Hippolytidae].
- cirrus**, *Pherusa*. Spence Bate (1863a: 143, pl. 27, fig. 6). Type locality: Banff; Tenby and Falmouth. Currently valid as *Apherusa cirrus* (Spence Bate, 1863) [Amphipoda: Calliopiidae].
- compressa*, *Darwinia*. Spence Bate (1857b: 141). Type locality: Banff, Macduff. Also listed as a *nomen nudum* in Spence Bate (1856c: 58, as *Darwinea compressus*). Currently considered a junior synonym of *Lafystius sturionis* Krøyer, 1842 [Amphipoda: Lafystiidae].
- compressus*, *Hectarthropus*. Spence Bate (1888: 891, pl. 144, fig. 3). Type locality: Pacific, between Api and Cape York. Larval stage of an undeterminable species of *Processa* Leach, 1815 [Leach, 1813–1815]; herein considered a *nomen dubium* [Decapoda: Processidae].
- conformata*, *Sunamphitoë*. Spence Bate (1857b: 147). Type locality: Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 59, as *Sunamphitoë conformatus*). Currently considered a junior synonym of *Sunampithoe pelagica* (H. Milne Edwards, 1830a) [Amphipoda: Ampithoidae].
- coralinus*, *Aristeus*. Spence Bate (1888: xxxii, text fig. 10). Type locality not indicated. Currently considered a junior synonym of *Aristaeopsis edwardsiana* (Johnson, 1868) [Decapoda: Aristeidae].
- corniger*, *Eretmocarid*. Spence Bate (1888: 900, pl. 145, fig. 4). Type locality: Cape Verde. Larval stage of an undeterminable

- species of *Lysmata* Risso, 1816; herein considered a *nomen dubium* [Decapoda: Lysmatidae].
- cornubiensis*, *Nephropsis*. Spence Bate & Brooking Rowe (1880: 160). Type locality: off the Dudman. Currently considered a junior synonym of *Nephrops norvegicus* (Linnaeus, 1758) [Decapoda: Nephropidae].
- cornutus*, *Caricyphus*. Spence Bate (1888: 712, pl. 121, fig. 2). Type locality: near Samboangan. Larval stage of an undeterminable species of Oplophoridae or Acanthephyridae [Caridea] according to Gurney (1942); herein considered a *nomen dubium* [Decapoda].
- cornutus*, *Ione*. Spence Bate (1863b: 98). Type locality: coast of Vancouver Island. Also indicated as new in Spence Bate (1865b: 668, as *Ione cornuta*), Spence Bate (1865c: 492, as *Ione cornuta*) and Spence Bate (1866b: 283, as *Ione cornutus*). Currently valid as *Ione cornuta* Spence Bate, 1863 [Isopoda: Ionidae] (Fig. 3D).
- costana*, *Paranthura*. Spence Bate & Westwood (1866) [Spence Bate & Westwood, 1863–1868]: 165). Type locality: S.W. coast of England. Currently valid [Isopoda: Paranthuridae].
- Crabzys*. Spence Bate (1864: 504). Type species: *Crabzys longicaudatus* Spence Bate (1864); by monotypy. Currently valid [Isopoda: Idoteidae].
- Crangonyx*. Spence Bate (1859c: 240). Type species: *Crangonyx subterraneus* Spence Bate, 1859c; by monotypy. Also indicated as new in Spence Bate (1859e: 165). Currently valid [Amphipoda: Crangonyctidae].
- crassicornis*, *Siphonocetus*. Spence Bate (1857b: 149). Type locality: Northumberland. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently valid as *Notopoma crassicornis* (Spence Bate, 1857) [Amphipoda: Ischyroceridae].
- crassus*, *Elaphocaris*. Spence Bate (1888: 362, pl. 61, fig. 4). Type locality: 25°0'N 137°50'E, south of Japan. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- crassus*, *Mastigopus*. Spence Bate (1888: 381, pl. 65, fig. 3). Type locality: voyage from Hilo to Tahiti, 5°0'N. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- Cratippus*. Spence Bate (1863a: 275). Type species: *Cratippus tenuipes* Spence Bate, 1863; by monotypy. Currently considered a junior synonym of *Colomastix* Grube, 1861 [Amphipoda: Colomastigidae].
- crenatipalma*, *Dryope*. Spence Bate (1863a: 277, pl. 47, fig. 2). Type locality: Weymouth. Currently valid as *Unciola crenatipalma* (Spence Bate, 1863) [Amphipoda: Unciolidae].
- crenatus*, *Benthesicymus*. Spence Bate (1881b: 190). Type locality: mid Pacific. Currently valid [Decapoda: Benthesicymidae].
- crenatus*, *Platysacus*. Spence Bate (1888: 363, pl. 63). Type locality: 10°55'N 17°46'W, off Sierra Leone. Larval stage of an undeterminable species of Solenocera Lucas, 1849; herein considered a *nomen dubium* [Decapoda: Solenoceridae].
- crenatus*, *Scopelocheirus*. Spence Bate (1857b: 138). Type locality: Plymouth Sound; Banff; Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58, as *Scopelocheirus breviatus*). Currently valid [Amphipoda: Scopelocheiridae].
- cristata*, *Pasiphaea*. Spence Bate (1888: 865, pl. 140, pl. 141, fig. 1). Type locality: 19°9'35"S 179°41'50"E, off Matuku, Fiji Islands. Currently valid [Decapoda: Pasiphaeidae].
- cristata*, *Vauntomponia*. Spence Bate (1858e: 102). Type locality: south of Ireland. Currently valid [Cumacea: Bodotriidae].
- cristidigitus*, *Alpheus*. Spence Bate (1888: 546, pl. 97, fig. 3). Type locality: 16°57'N 25°1'W, St. Vincent, Cape Verde Islands. Currently considered a junior synonym of *Alpheus dentipes* Guérin, 1832 [Decapoda: Alpheidae].
- crusculum*, *Brachyscelus*. Spence Bate (1861a: 7, pl. 2, figs. 1, 2). Type locality: not designated. Also indicated as new in Spence Bate (1863a: 329, pl. 53, figs. 2, 3). Currently valid [Amphipoda: Brachyscelidae].
- Cryptothiria*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 257). Unnecessary replacement name for *Cryptothir* Dana, 1853 [Isopoda: Cryptothiridae].
- Cunninghami*, *Uca*. Spence Bate (1868a: 447, pl. 21, fig. 3). Type locality: province of Rio de Janeiro. Currently considered a junior synonym of *Trichodactylus fluviatilis* Latreille, 1828 [Decapoda: Trichodactylidae].
- curvirostris*, *Haliporus*. Spence Bate (1881b: 185). Type locality: mid Pacific. Currently valid [Decapoda: Solenoceridae].
- cuspidata*, *Amphipronoë*. Spence Bate (1863a: 318, pl. 53, fig. 5). Type locality: in the sea near the Cape of Good Hope. Considered a likely older synonym of *Parapronoe campbelli* Stebbing, 1888 by Claus (1879); herein considered a *nomen dubium* [Amphipoda: Hyperiidea].
- Cyrianassa*. Spence Bate (1856b: 187). Replacement name for *Venilia* Spence Bate (1856); see remarks under that name. Currently considered a junior synonym of *Iphinoe* Spence Bate, 1856 [Cumacea: Leuconidae].
- Dalyellii*, *Portunus*. Spence Bate (1851b: 321, pl. 11, fig. 9). Type locality: Oxwich Bay, near Swansea. Currently considered a junior synonym of *Bathynectes longipes* (Risso, 1816) [Decapoda: Portunidae].
- Damnoniensis*, *Lembos*. Spence Bate (1857b: 142). Type locality: not indicated. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid as *Microdeutopus damnoniensis* (Spence Bate, 1857) [Amphipoda: Aoridae].
- Danae*, *Cyllopus*. Spence Bate (1863a: 308, pl. 50, fig. 3). Type locality: near the Powell Islands. Currently considered a junior synonym of *Cyllopus magellanicus* Dana, 1853 [Amphipoda: Cyllopodidae].
- danae*, *Thalassocaris*. Spence Bate (1888: 683, pl. 117, fig. 1). Type locality: Fiji Islands. Currently considered a junior synonym of *Thalassocaris lucida* (Dana, 1852b) [Decapoda: Pandalidae].
- Danai*, *Allorchestes*. Spence Bate (1857b: 136). Type locality: Moray Frith; Penzance; Falmouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 57). Currently considered a junior synonym of *Apothyalis prevostii* (H. Milne Edwards, 1830a) [Amphipoda: Hyalidae].
- Danaia*. Spence Bate (1857b: 137). Type species: *Danaia dubia* Spence Bate (1857); by monotypy. Junior homonym of *Danaia* H. Milne Edwards & Haime, 1855 (Anthozoa); replaced by Bonnier (1890) with *Cressa* Boeck (1871) [Amphipoda: Cressidae].
- Darwinia*. Spence Bate (1857b: 141). Type species: *Darwinia compressa* Spence Bate (1857); by monotypy. Also listed as a *nomen nudum* in Spence Bate (1856c: 58, as *Darwinea*). Currently considered a junior synonym of *Lafystius* Krøyer, 1842 [Amphipoda: Lafystiidae].

- Darwinii*, *Cyrtophium*. Spence Bate (1857b: 148). Type locality: Falmouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently considered a junior synonym of *Podocerus variegatus* Leach, 1814 [Leach, 1813–1815] [Amphipoda: Podoceridae].
- debilis*, *Hetairus*. Spence Bate (1888: 615, pl. 109, fig. 4). Type locality: 43°3'N 63°39'W, off Japan. Currently considered a junior synonym of *Lebbeus polaris* (Sabine, 1824) [Decapoda: Thoridae].
- decorticus*, *Parathanas*. Spence Bate (1888: 530, pl. 89, fig. 3). Type locality: off Sibago, Samboangan, Philippine Islands. According to Coutière (1907), based on larvae of an undeterminable species of *Athanas* Leach, 1814 [Leach, 1813–1815]; herein considered a *nomen dubium* [Decapoda: Alpheidae].
- denticulatus**, *Anonyx*. Spence Bate (1857b: 139). Type locality: Moray Frith; Banff. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid as *Hippomedon denticulatus* (Spence Bate, 1857) [Amphipoda: Tryphosidae].
- depressa*, *Galathea*. Spence Bate (1858f: 3). Lapsus for *G. dispersa* Spence Bate (1858) [Decapoda: Galatheidae].
- depressus*, *Amphiplectus*. Spence Bate (1888: 623, pl. 110, fig. 3). Type locality: 9°5'S 34°50'W, off Permabuco. Herein considered a *nomen dubium* [Decapoda: Caridea].
- Desmarestii*, *Amphithoë*. Spence Bate (1863a: 238, pl. 41, fig. 8). Type locality: Marseilles. Currently considered a junior synonym of *Ampithoe ramondi* Audouin, 1826 [Amphipoda: Ampithoidae].
- Diaphoropus*. Spence Bate (1888: 686). Type species: *Diaphoropus versipellis* Spence Bate, 1888; by subsequent designation in Holthuis (1955b). Based on a larval stage of an undeterminable species of Alpheidae according to Coutière (1907); herein considered a *nomen dubium* [Decapoda: Alpheidae].
- diapontius**, *Sergestes*. Spence Bate (1881b: 194). Type locality: Atlantic Ocean. Currently valid as *Parasergestes diapontius* (Spence Bate, 1881) [Decapoda: Sergestidae].
- digitidistans*, *Galathea*. Spence Bate (1868b: 113). Type locality: not designated. Also indicated as new in Spence Bate (1868d: 279). Currently considered a junior synonym of *Galathea squamifera* Leach, 1814 [Leach, 1813–1815] [Decapoda: Galatheidae].
- Dillwynii*, *Pagurus*. Spence Bate (1850b: 34, appendix, pl. 4, fig. 1). Type locality: Rhosilly Bay. Also indicated as new in Spence Bate (1851b: 320, pl. 10, fig. 11) and listed as a *nomen nudum* in Spence Bate (1851d: 118). Currently considered a junior synonym of *Diogenes pugilator* (Roux, 1829) [Roux, P. 1828–1830], but likely a senior synonym of the recently resurrected *Diogenes curvimanus* (Clément, 1874) (see Almón et al., 2021) [Decapoda: Paguridae].
- discissipes**, *Stylodactylus*. Spence Bate (1888: 851, pl. 138, fig. 1). Type locality: 28°33'S 177°50'W, north of the Kermadec Islands. Currently valid [Decapoda: Stylodactylidae].
- dispersa**, *Galathea*. Spence Bate (1858f: 3). Type locality: Plymouth; Moray Frith. Currently valid [Decapoda: Galatheidae].
- dissimilis*, *Sergestes*. Spence Bate (1888: 437). Type locality: St. Vincent, Cape Verde Islands. Currently considered a junior synonym of *Robustosergia robusta* (Smith, 1882) [Decapoda: Sergestidae].
- dohrni*, *Elaphocaris* Spence Bate (1888: pl. 62). Type locality: not indicated. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- Dorodotes**. Spence Bate (1888: 677). Type species: *Dorodotes reflexus* Spence Bate, 1888; by subsequent designation in Holthuis (1955b). Currently valid [Decapoda: Pandalidae].
- dorsalis**, *Heterocarpus*. Spence Bate (1888: 630, pl. 111). Type locality: 4°34'0"S 129°57'30"E, off Banda Island. Currently valid [Decapoda: Pandalidae].
- dorsispinalis*, *Acanthosoma*. Spence Bate (1888: 370, pl. 65, fig. 1). Type locality: Western Pacific Ocean. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- dorsispinalis*, *Mastigopus*. Spence Bate (1888: 375, pl. 65, fig. 3). Type locality: 1°N 146°E, in the Pacific Ocean, north-west of the Admiralty Islands. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- dorsispinalis*, *Sergestes*. Spence Bate (1888: 394, pl. 72, fig. 1). Type locality: South of Australia. Considered a *nomen dubium* in De Grave & Fransen (2011) [Decapoda: Sergestidae].
- Dryope*. Spence Bate (1863a: 276). Type species: *Dryope crenatipalma* Spence Bate, 1863, by subsequent designation in Barnard & Karaman (1991). Junior homonym of *Dryope* Robineau-Desvoidy, 1830 (Diptera). Currently considered a junior synonym of *Unciola* Say, 1818 [Amphipoda: Unciolidae].
- dubia**, *Danaia*. Spence Bate (1857b: 137). Type locality: not designated. Also listed as a *nomen nudum* in Spence Bate (1856c: 57, as *Montagua dubius*). Currently valid as *Cressa dubia* (Spence Bate, 1857) [Amphipoda: Cressidae].
- dubius*, *Hemipenaeus*. Spence Bate (1881b: 187) Type locality: among the Philippine Islands. Considered a *nomen dubium* by De Man (1911) [Decapoda: Penaeidae].
- dubius*, *Siphonocetus*. Spence Bate (1856c: 59). *Nomen nudum* (the generic name is a misspelling of *Siphonoecetes* Krøyer, 1845) [Amphipoda: Ischyroceridae].
- duplex*, *Hymenodora*. Spence Bate (1888: 843, pl. 136, fig. 3). Type locality: 46°16'S 48°27'E, off Marion Island. Currently considered a junior synonym of *Acanthephyra brevirostris* Smith, 1885 [Decapoda: Acanthephyridae].
- duplex*, *Oodeopus*. Spence Bate (1888: 880, pl. 143, fig. 2). Type locality: New Hebrides; Cape York; Fiji. Larval stage of an undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- duplicidentis*, *Sestertius*. Spence Bate (1888: 477, pl. 85, fig. 5). Type locality: Samboangan and off Sibago, Philippine Islands. Larval stage of undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- Dyopedos**. Spence Bate (1857b: 150). Type species: *Dyopedos porrectus* Spence Bate, 1857; by subsequent designation in Laubitz (1977). Currently valid [Amphipoda: Dulichiidae].
- Eblanae**, *Iphimedia*. Spence Bate (1857d: 58, pl. 16). Type locality: Dublin Bay. Also indicated as new in Spence Bate (1857e: 229, pl. 16). Currently valid [Amphipoda: Iphimediidae].

- echinatus**, *Diastylis*. Spence Bate (1865a: 81, pl. 1, fig. 1). Type locality: Shetlands. Currently valid as *Diastylis echinata* Spence Bate, 1865 [Cumacea: Diastylidae].
- edwardsii**, *Acantheephyra*. Spence Bate (1888: 747, pl. 126, fig. 1). Type locality: 10°46'S 36°8'W, south of Perna buca. Currently considered a junior synonym of *Acantheephyra eximia* Smith, 1884 [Decapoda: Acantheephyridae].
- Edwardsii**, *Gammarus*. Spence Bate (1863a: 208, pl. 37, fig. 2). Type locality: Starcross, Devon; coast of France. Considered to be based on juveniles of a species of *Gammarus* by Norman (1889), possibly *G. locusta* (also see Spence Bate, 1863a: 208); herein considered a *nomen dubium*.
- Edwardsii**, *Praniza*. Spence Bate (1858g: 168, pl. 6, figs. 1, 2). Type locality: Banff. Currently considered a junior synonym of *Gnathia oxysuraea* (Lilljeborg, 1855) [Isopoda: Gnathiidae].
- Edwardsii**, *Vibilia*. Spence Bate (1861a: 2). Type locality: near Iles de Powel. Also indicated as new in Spence Bate (1863a: 300, pl. 49, figs. 6, 7). Regarded as an undeterminable species (*nomen dubium*) by Zeidler (2003) [Amphipoda: Vibiliidae].
- Eiconaxius**. Spence Bate (1888: 40). Type species: *Eiconaxius acutifrons* Spence Bate, 1888; by subsequent designation in Stebbing (1893). Also listed as a *nomen nudum* (without included species) in Spence Bate (1879a: 204). Currently valid [Decapoda: Axiidae].
- Eiscladus**. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 411. Type species: *Eiscladus longicaudatus* Spence Bate & Westwood, 1862; by monotypy. Currently considered a junior synonym of *Photis* Krøyer, 1842 [Amphipoda: Photidae].
- elegans**, *Urothoë*. Spence Bate (1857b: 145). Type locality: Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 59, as *Gammarus elegans*). Currently valid [Amphipoda: Urothoëidae].
- elliotti**, *Procletes*. Spence Bate (1888: 885). Type locality: off Waltair, on the coast of Coromandel. Considered a synonym of *Procletes biangulatus* Spence Bate, 1888 by Pike & Williamson (1964), now *Procletes levicarina* (Spence Bate, 1888) [Decapoda: Pandalidae].
- enthrix**, *Pentacheles*. Spence Bate (1878c: 280). Type locality: Challenger stn. 173, 19°09.35'S 179°41.50'E, off Matkua Islands, Fiji; through lectotype designation in Ahyong & Brown (2002). Currently valid as *Polycheles entrix* (Spence Bate, 1878) [Decapoda: Polychelidae].
- equalis**, *Haliporus*. Spence Bate (1888: 285, pl. 41, fig. 1). Type locality: 6°47'N 122°28'W, between the Philippine Islands and Borneo. Currently valid as *Hymenopenaeus equalis* (Spence Bate, 1888) [Decapoda: Solenoceridae].
- Eretmocarid**. Spence Bate (1888: 894). Type species: *Eretmocarid stylorostri* Spence Bate, 1888; by subsequent designation in Holthuis, 1955b. Currently considered a junior synonym of *Lysmata* Risso, 1816 [Decapoda: Lysmatidae].
- Eryoneicus**. Spence Bate (1882: 456). Type species: *Eryoneicus caecus* Spence Bate, 1882; by monotypy. Placed on the Official Index of Rejected and Invalid Generic Names in Zoology in Opinion 702 (International Commission of Zoological Nomenclature (1964)); see Holthuis (1962) for details [Decapoda: Polychelidae].
- esquimaltiana**, *Hippolyte*. Spence Bate (1865b: 663). Type locality: Esquimalt Harbour. Also indicated as new in Spence Bate (1865c: 491) and Spence Bate (1866b: 278). Currently considered a junior synonym of *Heptacarpus stylus* (Stimpson, 1864) [Decapoda: Thoridae].
- Eudora**. Spence Bate (1856a: 457). Type species: *Eudora truncatula* Spence Bate, 1856; by monotypy. Junior homonym of *Eudora* Péron & Lesuer, 1810 (Cnidaria); replaced with *Eudorella* by Norman (1867) [Cumacea: Leuconidae].
- Eurystheus**. Spence Bate (1857b: 143). Type species: *Eurystheus tridentatus* Spence Bate, 1857b; by monotypy. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Gammaropsis* Lilljeborg, 1855 [Amphipoda: Photidae].
- excavata**, *Naenia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 476. Type locality: Coast of Northumberland. Also indicated as new in Spence Bate (1863a: 272, pl. 46, fig. 4). Currently considered a junior synonym of *Gammaropsis nitida* (Stimpson, 1853) [Amphipoda: Photidae].
- exilis**, *Hectarthropus*. Spence Bate (1888: 886, pl. 144, fig. 2). Type locality: off Basilan Strait, Philippine Islands. Larval stage of an undeterminable species of *Processa* Leach, 1815 [Leach, 1813–1815]; herein considered a *nomen dubium* [Decapoda: Processidae].
- exilis**, *Stochasmus*. Spence Bate (1888: 823, pl. 132, fig. 14). Type locality: 30°38'N 18°5'W, off the Canary Islands. Currently valid as *Nematocarcinus exilis* (Spence Bate, 1888) [Decapoda: Nematocarcinidae].
- expansus**, *Hectarthropus*. Spence Bate (1888: 892, pl. 144, figs. 4, 5). Type locality: off Basilan Strait, Philippine Islands. Larval stage of an undeterminable species of *Processa* Leach, 1815 [Leach, 1813–1815]; herein considered a *nomen dubium* [Decapoda: Processidae].
- exuens**, *Bentheocaris*. Spence Bate (1888: 724, pl. 123, fig. 3). Type locality: 32°36'S 137°43'W, South Pacific Ocean. Currently considered a junior synonym of *Acantheephyra stylorostri* (Spence Bate, 1888); under First Reviser Principle by Chace (1940) [Decapoda: Acantheephyridae].
- falcatus**, *Dyopedos*. Spence Bate (1857b: 151). Type locality: Macduff. Currently valid as *Dulichia falcatus* Spence Bate, 1857 [Amphipoda: Dulichiidae].
- falcatus**, *Synalpheus*. Spence Bate (1888: 546, pl. 103). Type locality: 10°30'S 142°18'E, between Cape York and the Arrou Islands. Currently considered a junior synonym of *Synalpheus comatularum* (Haswell, 1882) [Decapoda: Alpheidae].
- falcipes**, *Pandalus*. Spence Bate (1888: 668, pl. 115, fig. 2). Type locality: 43°3'N 63°39'W, south of Halifax, Nova Scotia. Currently considered a junior synonym of *Dichelopandalus leptocerus* (Smith, 1881) [Decapoda: Pandalidae].
- Falklandi**, *Amphithoë*. Spence Bate (1863a: 237, pl. 41, fig. 6). Type locality: Falkland Islands. Currently considered a junior synonym of *Sunamphitoë femorata* (Krøyer, 1845) [Amphipoda: Ampithoëidae].
- fermerinkii**, *Sergestes*. Spence Bate (1888: 419, pl. 76, fig. 4). Type locality: Pacific Ocean, 24°S 148°W. Currently considered a junior synonym of *Parasergestes diapontius* (Spence Bate, 1881) [Decapoda: Sergestidae].

- fimbriata*, *Protomedeia*. Spence Bate (1863a: 169, pl. 31, fig. 1). Type locality: Grand Manan. Currently considered a junior synonym of *Leptocheirus pinguis* (Stimpson, 1853) [Amphipoda: Corophiidae].
- fungalli*, *Calliope*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 263). Type locality: near Whalsey Lighthouse; Outer Skerries Harbour, Shetland. Currently considered a junior synonym of *Stenopleustes latipes* (Sars, 1858) [Amphipoda: Pleustidae].
- fissurus*, *Penaeus*. Spence Bate (1881b: 180). Type locality: south of New Guinea, 50 fms. Also indicated as new in Spence Bate (1888: 263, pl. 36, fig. 1). The type locality given in Spence Bate (1881b) corresponds to *Challenger* stn. 190, 8°56'S 136°5'E, as listed in the supplementary description of Spence Bate (1888). Material listed therein from other *Challenger* stations is herein not considered part of the type series. Currently valid as *Parapenaeus fissurus* (Spence Bate, 1881) [Decapoda: Penaeidae].
- fluvialis*, *Palaemon*. Spence Bate (1876a: 378). *Nomen nudum* [Decapoda: Palaemonidae].
- foliaceum*, *Petalidium*. Spence Bate (1881b: 194). Type locality: South Indian Ocean. Currently valid [Decapoda: Sergestidae].
- fontanus*, *Niphargus*. Spence Bate (1859c: 238, text figs. 2, 2a). Type locality: Ringwood, Hampshire; through lectotype designation in Gledhill (1980). Also indicated as new in Spence Bate (1859e: 164, text figs. 2, 2a). Currently valid [Amphipoda: Niphargidae].
- formosense*, *Macrobrachium*. Spence Bate (1868c: 364, pl. 31, fig. 1). Type locality: River Tamsuy, in the Island of Formosa. Currently valid [Decapoda: Palaemonidae].
- fucicolus*, *Gammarus*. Spence Bate (1863a: 212). Stimpson manuscript name; not available under Article 11.6 (International Commission of Zoological Nomenclature (1999)), as published in synonymy of *Gammarus ornatus* H. Milne Edwards, 1830a (now *Gammarus locusta* (Linnaeus, 1758)) [Amphipoda: Gammaridae].
- Fuegensis*, *Orchestia*. Spence Bate (1863a: 17, pl. 1a, fig. 2). Type locality: Port Famine. Currently considered a junior synonym of *Protorchestia nitida* (Dana, 1852a) [Amphipoda: Protorchestiidae].
- furcicaudatum*, *Phyllosoma*. Spence Bate (1888: 98, pl. 12d, fig. 1). Type locality: St. Vincent. Larval stage of an undeterminable species of *Scyllarides* according to Gurney (1939); herein considered a *nomen dubium* [Decapoda: Scyllaridae].
- fusca*, *Moera*. Spence Bate (1865b: 667). Type locality: Esquimalt Harbour. Also indicated as new in Spence Bate (1865c: 491) and Spence Bate (1866b: 280). Currently valid as *Maera fusca* Spence Bate, 1865 [Amphipoda: Maeridae].
- fusticaudatus*, *Phryxus*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 238). Type locality: Banff. Currently considered a junior synonym of *Athelges paguri* (Rathke, 1843) [Isopoda: Bopyridae].
- futilirostris*, *Nauticar*. Spence Bate (1888: 606, pl. 104, fig. 1). Type locality: 34°38'N 135°1'E, off Japan. Currently valid as *Heptacarpus futilirostris* (Spence Bate, 1888) [Decapoda: Thoridae].
- Galanthis*. Spence Bate (1857b: 136). Type species: *Galanthis Lubbockiana* Spence Bate, 1857b; by monotypy. Also listed as a *nomen nudum* in Spence Bate (1856c: 57). A junior homonym of *Galanthis* Gistel, 1848 (Mollusca). Currently considered a junior synonym of *Hyale* Rathke, 1836 [Amphipoda: Hyalidae].
- galathea*, *Zoontocaris*. Spence Bate (1888: 474, pl. 85, fig. 3). Type locality: off Cape Howe, Australia. Larval stage of an undeterminable species of Galatheidae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda: Galatheidae].
- galathea*, *Gyge*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 225). Type locality: Herm in Guernsey. Currently considered a junior synonym of *Gyge branchialis* Cornalia & Panceri, 1861 [Isopoda: Bopyridae].
- Gammaracanthus*. Spence Bate (1863a: 201). Type species: *Gammarus loricatus* Sabine, 1824; by original designation. Currently valid [Amphipoda: Gammaracanthidae].
- Gammarella*. Spence Bate (1857b: 143). Type species: *Gammarella orchestiformis* Spence Bate, 1857b; by monotypy. Currently valid [Amphipoda: Nuuanuidae].
- gammaroides*, *Pleonexes*. Spence Bate (1857b: 147). Type locality: Penzance. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently valid [Amphipoda: Ampithoidae].
- gangeticum*, *Macrobrachium*. Spence Bate (1868c: 365). Type locality: Patna. Currently valid [Decapoda: Palaemonidae].
- geminidentatus*, *Oodeopus*. Spence Bate (1888: 876, pl. 142, fig. 1). Type locality: Cape York. Larval stage of an undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- Gennadas*. Spence Bate (1881b: 191). Type species: *Gennadas parvus* Spence Bate, 1881; by monotypy. Currently valid [Decapoda: Benthescymidae].
- gibberosus*, *Caricyphus*. Spence Bate (1888: 716, pl. 121, fig. 4). Type locality: Pacific Ocean, near the Sandwich Islands. Larval stage of an undeterminable species of Oplophoridae or Acanthephyridae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda].
- gibbosus*, *Atylus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 248). Type locality: Shetland; Northumberland. Also indicated as new in Spence Bate (1863a: 137, pl. 19, fig. 1). Currently valid as *Tritaeta gibbosa* (Spence Bate & Westwood, 1862) [Amphipoda: Dexaminidae].
- gibbosus*, *Heterocarpus*. Spence Bate (1888: 634, pl. 112, fig. 2). Type locality: Bohol Sea, 9°31.5'N 123°41.7'E; see Li et al. (2007). Holotype replaced by neotype in Opinion 2217 (International Commission of Zoological Nomenclature (2009)). Currently valid [Decapoda: Pandalidae].
- gibbosus*, *Oodeopus*. Spence Bate (1888: 882, pl. 143, figs. 3, 4). Type locality: Cape Verde. Larval stage of an undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- glacialis*, *Hepomadus*. Spence Bate (1881b: 190). Type locality: mid South Atlantic. Currently valid [Decapoda: Aristeidae].
- gladiosa*, *Melita*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 346). Type locality: Boulogne; Plymouth Sound. Also indicated as new in Spence Bate (1863a: 185, pl. 33, fig. 6). Currently valid as *Abludomelita gladiosa* (Spence Bate & Westwood, 1862) [Amphipoda: Melitidae].

- glauca*, *Hymenodora*. Spence Bate (1888: 847, pl. 137, fig. 1). Type locality: *Challenger* stn. 159, 47°25' 130°22'E, south of Australia; stn. 215, 4°19'N 130°15'E, south of the Philippines. Currently considered a junior synonym of *Hymenodora glacialis* (Buchholz, 1874) [Decapoda: Acanthephyridae].
- Goodsirii*, *Proto*. Spence Bate (1857b: 151). Type locality: Moray Frith. Also listed as a *nomen nudum* in Spence Bate (1856c: 60). Currently considered a junior synonym of *Phtisica marina* Slabber, 1769 [Amphipoda: Caprellidae].
- Gordonii**, Hippolyte. Spence Bate (1858h: 51, unnumbered figure). Also indicated as new (as *Hippolyte Gordoniana*) in Spence Bate (1858d: 48, unnumbered figure). See text for discussion of names and validity. Type locality: Moray Frith. Currently valid as *Caridion gordonii* (Spence Bate, 1858) [Spence Bate, 1858h] [Decapoda: Hippolytidae].
- Gordoniana*, *Dexamine*. Spence Bate (1857b: 142). Type locality: Moray. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Nototropis swammerdamei* (H. Milne Edwards, 1830a) [Amphipoda: Atylidae].
- Gossea**. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 276). Type species: *Gossea microdeutopa* Spence Bate & Westwood, 1862; by monotypy. Currently valid; see Boyko & De Grave (2023) [Amphipoda: Calliopiidae].
- gracilis**, *Hemipenaeus*. Spence Bate (1888: 302, pl. 44, fig. 2). Type locality: 12°21'N 122°15'E, off Tablas Island, Philippines. Currently valid as *Pseudaristeus gracilis* (Spence Bate, 1888) [Decapoda: Aristeidae].
- gracilis**, *Lonchomerus*. Spence Bate (1857b: 143). Type locality: Falmouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid as *Aora gracilis* (Spence Bate, 1857) [Amphipoda: Aoridae].
- gracilis**, *Nematocarcinus*. Spence Bate (1888: 815, pl. 132, fig. 8). Type locality: *Challenger* stn. 174c, 19°7'50"S 178°19'35"E, off Kandavu, Fiji Islands; through lectotype designation in Burukovsky (2007). Currently valid [Decapoda: Nematocarcinidae].
- gracilis**, *Pentacheles*. Spence Bate (1878c: 279). Type locality: 19°10'S 179°10'E, off the Fiji Islands. Also indicated as new in Spence Bate (1888: 146, pl. 16, figs. 1, 2), with type locality therein corrected to *Challenger* stn. 174c, 19°7'50"S 178°19'35"E, off Kandavu Island. Currently considered a junior synonym of *Pentacheles laevis* Spence Bate, 1878; under First Reviser Principle by Galil (2000) [Decapoda: Polychelidae].
- gracilis**, *Pontophilus*. Spence Bate (1888: 487, pl. 87). Type locality: *Challenger* stn. 133, near Tristan da Cunha, Mid-Atlantic Ridge, 35°41'S 20°55'W, 3420 m; through lectotype designation (as 'holotype' in Komai (2008)). Junior homonym of *Pontophilus gracilis* Smith, 1882; currently considered a junior synonym of *Parapontophilus abyssi* (Smith, 1884) [Decapoda: Crangonidae].
- gracilis**, *Venilia*. Spence Bate (1856a: 458, pl. 15, fig. 7). Type locality: Moray Firth. Currently considered a junior synonym of *Iphinoë trispinosa* (Goodsir, 1843) [Cumacea: Leuconidae].
- grandoculis**, *Calliope*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 265). Type locality: Moray Frith; Banff. Also indicated as new in Spence Bate (1863a: 149, pl. 28, fig. 4). Currently considered a junior synonym of *Calliopiopus rathkii* (Zaddach, 1844) [Amphipoda: Calliopiidae].
- granulosus**, *Glyphocrangon*. Spence Bate (1888: 507, pl. 42, pl. 43, fig. 1). Type locality: *Challenger* stn. 218, W entrance to the Bismarck Sea, 02°33'S 144°04'E, 1957 m; lectotype designated (as 'holotype' in Komai (2004)). Currently valid [Decapoda: Glyphocrangonidae].
- Grayia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 151). Type species: *Grayia imbricata* Spence Bate & Westwood, 1862; by monotypy. Also indicated as new in Spence Bate (1863a: 101). Currently considered a junior synonym of *Gammarellus* Herbst, 1793 [Herbst, 1791–1796] [Amphipoda: Gammarellidae].
- gubernata*, *Peteinura*. Spence Bate (1888: 324, pl. 53). Type locality: Atlantic Ocean. Burkenroad (1936) considered this a larval form of an undeterminable species of *Plesiopenaeus* Spence Bate, 1881 [Spence Bate, 1881b] (now *Cerataspis* Gray, 1828); herein considered a *nomen dubium* [Decapoda: Aristeidae].
- Guerinianus*, *Amamonyx*. Spence Bate (1856c: 58). *Nomen nudum* [Amphipoda].
- Guerinii*, *Montagua*. Spence Bate (1863a: 59, pl. 9, fig. 5). Type locality: Madagascar. Considered a *nomen dubium* in Barnard & Karaman (1991) [Amphipoda: Stenothoidae].
- Guérinii*, *Themisto*. Spence Bate (1863a: 313, pl. 50, fig. 9). Type locality: In the Atlantic?; latitude of La Plata. Currently considered a junior synonym of *Themisto gaudichaudi* Guérin, 1825 [Amphipoda: Hyperidae].
- Guilliamsoniana**, *Thersites*. Spence Bate (1857b: 146). Type locality: Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 59, as *Thersites Guilliamsonia*). Currently valid as *Bathyporeia guilliamsoniana* (Spence Bate, 1857) [Amphipoda: Bathyporeidae].
- Halia*. Spence Bate (1856a: 458). Type species: *Cuma trispinosa* Goodsir, 1843. Junior homonym of *Halia* Risso, 1826 (Mollusca) and *Halia* Duponchel, 1829 (Lepidoptera). Replaced by Spence Bate (1856b) with *Iphinoë* (incorrect original spelling of *Iphinoë*) [Cumacea: Bodotriidae].
- halidaii*, *Anceus*. Spence Bate & Westwood (1866) [Spence Bate & Westwood, 1863–1868]: 203). Type locality: Strangford Loch. Currently considered a junior synonym of *Paragnathia formica* (Hesse, 1864) [Isopoda: Gnathiidae].
- Haliporus**. Spence Bate (1881b: 185). Type species: *Haliporus curvirostris* Spence Bate, 1881; by subsequent designation in Fowler (1912). Currently valid [Decapoda: Solenoceridae].
- hamulus*, *Rhomaleocaris*. Spence Bate (1888: 720, pl. 113, fig. 3). Type locality: Pacific, on the passage from Api, New Hebrides to Cape York. Larval stage of an undeterminable species of Caridea, linked to *Latreutes* (Hippolytidae) by Gurney (1942) and Palaemonidae by Holthuis (1955b); herein considered a *nomen dubium* [Decapoda: Caridea].
- Hamulus*, *Sunampithoë*. Spence Bate (1857b: 147). Type locality: Moray Frith; Penzance. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently considered a junior synonym of *Sunampithoe pelagica* (H. Milne Edwards, 1830a) [Amphipoda: Ampithoidae].
- hastacauda**, *Glyphocrangon*. Spence Bate (1888: 519, pl. 43, fig. 5). Type locality: 35°11'N 139°28'E, off Japan. Currently valid [Decapoda: Glyphocrangonidae].

- Hectarthropus*. Spence Bate (1888: 889). Type species: *Hectarthropus expansus* Spence Bate, 1888; by subsequent designation in Holthuis (1955b). Currently considered a junior synonym of *Processa* Leach, 1815 [Leach, 1813–1815] [Decapoda: Processidae].
- Helleri**, *Polycheles*. Spence Bate (1878c: 277): Type locality: 29°55'S 178°14'W, near Kermadec Island. Currently valid as *Stereomastis helleri* (Spence Bate, 1878) [Decapoda: Polychelidae].
- Helvetiae*, *Eusirus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 267). Type locality: Moray Frith. Also indicated as new in Spence Bate (1863a: 155, pl. 29, fig. 1). Currently considered a junior synonym of *Eusirus longipes* Boeck, 1861 [Amphipoda: Eusiridae].
- Hemipenaeus**. Spence Bate (1881b: 186). Type species: *Hemipenaeus spinidorsalis*; by subsequent designation (Faxon, 1895). Currently valid [Decapoda: Aristeidae].
- Hepomadus**. Spence Bate (1881b: 189). Type species: *Hepomadus glacialis* Spence Bate, 1881; by subsequent designation in Fowler (1912). Currently valid [Decapoda: Aristeidae].
- Hetairus*. Spence Bate (1888: 610). Type species: *Alpheus Polaris Sabine, 1824*; designated under the plenary powers of the International Commission of Zoological Nomenclature, gender masculine. Name placed on the Official List of Rejected and Invalid Generic Names in Zoology in Opinion 671 (International Commission of Zoological Nomenclature (1963)) [Decapoda: Alpheidae].
- hiatus**, *Nematocarcinus*. Spence Bate (1888: 821, pl. 132, fig. 12). Type locality: 37°34'S 179°22'E, off New Zealand. Considered a *nomen dubium* by Burukovsky (2013) [Decapoda: Nematocarcinidae].
- hirsutimana**, *Protomedeia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 298). Type locality: near Banf. Also indicated as new in Spence Bate (1863a: 168, pl. 30, fig. 6, as *P. hirsutimanus*). Currently valid as *Leptocheirus hirsutimanus* (Spence Bate & Westwood, 1862) [Amphipoda: Corophiidae].
- hirticaudatus*, *Tanais*. Spence Bate (1861b: 224). *Nomen nudum*. According to Norman (1899) a synonym of *Tanais cavolinii* H. Milne Edwards, 1840 [H. Milne Edwards, 1834–1840] [now *T. dulongii* (Audouin, 1826)] [Tanaidacea: Tanaididae].
- Homaralpheus*. Spence Bate (1888: 539). Type species: *Alpheus minus* Say, 1818; by subsequent designation in Holthuis (1955b). Also listed as a *nomen nudum* (without included species) in Spence Bate (1868b: 80, as *Homaralpheus*) and Spence Bate (1876a: 378, as *Homaralpheus*). Currently considered a junior synonym of *Synalpheus* Spence Bate (1888) [Decapoda: Alpheidae].
- Hunteri*, *Cerapus*. Spence Bate (1863a: 264, pl. 45, fig. 3). Type locality: not designated. Currently considered a junior synonym of *Ericthonius rubricornis* (Stimpson, 1853) [Amphipoda: Ischyroceridae].
- Huxleyanus**, *Atylus*. Spence Bate (1863a: 135, pl. 25, fig. 4). Type locality: Hermit Island. Currently valid as *Austroregia huxleyana* (Spence Bate, 1863) [Amphipoda: Gammarellidae].
- hyalina*, *Westwoodilla*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 158). Type locality: near the Eddystone. Also indicated as new in Spence Bate (1863a: 103, pl. 17, fig. 5). Currently considered a junior synonym of *Westwoodilla caecula* (Spence Bate, 1857) [Amphipoda: Oedicerotidae].
- hybridica*, *Synaxes*. Spence Bate (1881a: 220, pl. 14). Type locality: West Indies. Currently considered a junior synonym of *Phyllamphion gundlachi* (von Martens, 1878) [Decapoda: Palinuridae].
- hyndmanni**, *Phryxus*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 243). Type locality: Groomsport, Ireland. Currently valid as *Eremitione hyndmanni* (Spence Bate & Westwood, 1867) [Isopoda: Bopyridae].
- Icotopus*. Spence Bate (1888: 886). Type species: *Icotopus arcuostriis* Spence Bate, 1888; by monotypy. Currently considered a junior synonym of *Plesionika* Spence Bate, 1888; under First Reviser Principle by Landeira et al. (2014) [Decapoda: Pandalidae].
- imbricata*, *Grayia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 152). Type locality: Falmouth. Also indicated as new in Spence Bate (1863a: 101, pl. 16, fig. 4). Currently considered a junior synonym of *Gammarellus homari* (Fabricius, 1779) [Amphipoda: Gammarellidae].
- imbricatus**, *Allorchestes*. Spence Bate (1857b: 136). Type locality: Penzance. Also listed as a *nomen nudum* in Spence Bate (1856c: 57). Currently valid as *Hyale imbricatus* (Spence Bate, 1857) [Amphipoda: Hyalidae].
- imbricatus*, *Chlorodius*. Spence Bate (1865b: 663). Also indicated as new in Spence Bate (1865c: 488) and Spence Bate (1866b: 270; unnumbered plate, fig. 2). Type locality: Esquimalt Harbour. Currently considered a *nomen dubium* by Balss (1938) [Decapoda: Xanthidae].
- immaturus*, *Arctus*. Spence Bate (1888: 71, pl. 10, fig. 3). Type locality: off Cape Verde. Currently considered a junior synonym of *Scyllarus pygmaeus* (Spence Bate, 1888); under First Reviser Principle by Bouvier (1917) [Decapoda: Scyllaridae].
- immaturus*, *Parathanas*. Spence Bate (1888: 532). Type locality: Zebu Harbour. Larval stage of an undeterminable species of Alpheidae; herein considered a *nomen dubium* [Decapoda: Alpheidae].
- inaequimanus*, *Gammarus*. Spence Bate (1857b: 145). Type locality: Polperro. Currently considered a junior synonym of *Melita palmata* (Montagu, 1804) [Amphipoda: Melitidae].
- Inca*, *Allorchestes*. Spence Bate (1863a: 40, pl. 6, fig. 7). Type locality: Peru. Currently considered a junior synonym of *Apothyale hirtipalma* (Dana, 1852a) [Amphipoda: Hyalidae].
- incertus*, *Chlorotocus*. Spence Bate (1888: 674, pl. 116, figs. 1, 2). Type locality: 35°4'S 18°37'E, Agulhas Bank, off the Cape of Good Hope. Currently considered a junior synonym of *Chlorotocus crassicornis* (Costa, 1871) [Decapoda: Pandalidae].
- incisipes*, *Penaeus*. Spence Bate (1888: 257, pl. 34, fig. 2). Type locality: 8°56'S 136°5'E, Arafura Sea, south of Papua; 11°6'N 123°9'E, off Panay, Philippine Islands. Currently considered

- a junior synonym of *Metapenaeus ensis* (De Haan, 1844) [De Haan, 1833–1850] [Decapoda: Penaeidae].
- inermis**, *Hepomadus*. Spence Bate (1881b: 190). Type locality: middle of South Pacific. Currently valid [Decapoda: Aristeidae].
- ingens**, *Ampelisca*. Spence Bate (1863a: 92, pl. 15, fig. 2). Type locality: Grand Manan. Currently considered a junior synonym of *Ampelisca eschrichtii* Krøyer, 1842 [Amphipoda: Ampeliscidae].
- innominata**, *Seba*. Spence Bate (1863a: 159, pl. 29, fig. 5). Type locality: coast of Naples. Considered a *nomen dubium* by Karaman (1971) [Amphipoda: Sebidae].
- intermedius**, *Crangon*. Spence Bate (1864: 503, pl. 41, fig. 6). Type locality: Gulf St. Vincent. Currently valid as *Philocheras intermedius* (Spence Bate, 1864) [Decapoda: Crangonidae].
- intermedius**, *Gemadas*. Spence Bate (1888: 343, pl. 58, fig. 3). Type locality: 1°47'N 24°26'W, off Sierra Leone; between Bermuda and the Azores; 35°59'S 1°34'E. Currently valid as *Bentheogennema intermedia* (Spence Bate, 1888) [Decapoda: Benthesicymidae].
- intermedius**, *Nematocarcinus*. Spence Bate (1888: 821, pl. 132, fig. 13). Type locality: 2°33'S 144°4'E, off New Guinea. Currently considered a junior synonym of *Nematocarcinus productus* Spence Bate, 1888; under First Reviser Principle by Burukovsky (2000) [Decapoda: Nematocarcinidae].
- intermedius**, *Oodeopus*. Spence Bate (1888: 879, pl. 143, fig. 1). Type locality: Cape York. Larval stage of an undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- intermedius**, *Sergestes*. Spence Bate (1888: 383). Type locality: China Sea, off Luzon. Currently considered a junior synonym of *Neosergestes edwardsii* (Krøyer, 1855) [Decapoda: Sergestidae].
- intrinsecus**, *Alpheus*. Spence Bate (1888: 557, pl. 100, fig. 1). Type locality: off Bahia. Currently valid [Decapoda: Alpheidae].
- Iphinoë**. Spence Bate (1856b: 187). Replacement name for *Halia* Spence Bate (1856), a junior homonym of *Halia* Risso, 1826 (Mollusca). Placed on the Official List of Generic Names in Zoology in Opinion 1593 (International Commission of Zoological Nomenclature (1990)) as *Iphinoë*; see Bacescu & Holthuis (1988) for a discussion [Cumacea: Leuconidae].
- iridescens**, *Benthesicymus*. Spence Bate (1881b: 191). Type locality: South Atlantic, near the island of Tristan d'Acunha. Currently valid as *Bathicaris iridescens* (Spence Bate, 1881) [Decapoda: Benthesicymidae].
- irrorata**, *Dryope*. Spence Bate (1863a: 276, pl. 47, fig. 1). Type locality: Weymouth. Currently considered a junior synonym of *Unciola crenatipalma* (Spence Bate, 1863) [Amphipoda: Unciolidae].
- Japonica**, *Ampelisca*. Spence Bate (1863a: 94, pl. 15, fig. 5). Type locality: Japan. Currently valid [Amphipoda: Ampeliscidae].
- japonicus** [var.], *Penaeus canaliculatus*. Spence Bate (1888: 245, pl. 31, pl. 32, fig. 4, pl. 47, fig. 2). Type locality: Japan. Currently valid as *Marsupenaeus japonicus* (Spence Bate, 1888) [Decapoda: Penaeidae].
- japonicus**, *Notostomus*. Spence Bate (1888: 830, pl. 135, fig. 1). Type locality: 34°7'N 138°0'E, south of Japan. Currently valid [Decapoda: Acanthephyridae].
- japonicus**, *Sergestes*. Spence Bate (1881b: 194). Type locality: south of Japan. Currently considered a junior synonym of *Sergia remipes* Stimpson, 1860 [Decapoda: Sergestidae].
- Jeffreysii**, *Pandalus*. Spence Bate (1850b: 35, appendix, pl. 4, fig. 2). Type locality: Oxwich Bay. Also indicated as new in Spence Bate (1859b: 151) and Spence Bate (1859d: 100) and listed as a *nomen nudum* in Spence Bate (1851d: 118). Considered a synonym of *Hippolyte Thompsoni* Bell, 1851 by Norman (1861) and thus a junior synonym of *Pandalina brevirostris* (Rathke, 1843) [Decapoda: Pandalidae].
- junceus**, *Pontophilus*. Spence Bate (1888: 491, pl. 88, figs. 2–4). Type locality: 6°47'N 122°28'E, between the Philippines and Borneo. Currently valid as *Parapontophilus junceus* (Spence Bate, 1888) [Decapoda: Crangonidae].
- junceus**, *Sergestes*. Spence Bate (1888: 416, pl. 76, fig. 1). Type locality: South Pacific Ocean. Currently considered a junior synonym of *Sergia tenuiremis* (Krøyer, 1855) [Decapoda: Sergestidae].
- kermadeci**, *Eiconaxius*. Spence Bate (1888: 43, pl. 5, fig. 3). Type locality: north of the Kermadec Islands, 28°33'S 177°50'W. Currently valid [Decapoda: Axiidae].
- Kinahani**, *Lestrignonus*. Spence Bate (1863a: 289, pl. 48, fig. 4). Type locality: Carrickfergus. Currently considered a junior synonym of *Hyperia galba* (Montagu, 1813) [Amphipoda: Hyperidae].
- Kinahani**, *Phaedra*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 211). Type locality: near Cumbraegow. Also indicated as new in Spence Bate (1863a: 119, pl. 21, fig. 1). Currently valid as *Liljeborgia kinahani* (Spence Bate & Westwood, 1862) [Amphipoda: Liljeborgiidae].
- kingsleyi**, *Acanthephyra*. Spence Bate (1888: 751, pl. 126, fig. 4). Type locality: 2°25'N 20°1'W, Atlantic, south-west of Sierra Leone. Currently valid [Decapoda: Acanthephyridae].
- Knickerbockeri**, *Allorchestes*. Spence Bate (1863a: 36, pl. 6, fig. 1). Type locality: North America. Currently considered a junior synonym of *Hyalella azteca* (de Saussure, 1858) [Amphipoda: Hyalellidae].
- Kochianus**, *Niphargus*. Spence Bate (1859c: 239, text figs. 1, 1a). Type locality: Ringwood. Also indicated as new in Spence Bate (1859e: 165, text figs. 1, 1a). Currently valid as *Niphargus kochianus* [Amphipoda: Niphargidae].
- Krøyeri**. Spence Bate (1857b: 140). Type species: *Krøyeri carinata* Spence Bate, 1857. Currently valid as *Kroyera* (correct spelling) [Amphipoda: Oedicerotidae].
- Krøyeranus**, *Siphonocetus*. Spence Bate (1857b: 149). Type locality: Weymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently valid as *Centraloecetes kroyeranus* (Spence Bate, 1857) [Amphipoda: Ischyroceridae].
- Krøyeri**, *Sergestes*. Spence Bate (1881b: 193). Type locality: off Kermadec Island. Currently considered a junior synonym of *Sergia tenuiremis* (Krøyer, 1855) [Decapoda: Sergestidae].
- Krøyerii**, *Phoxus*. Spence Bate (1857b: 140). Type locality: Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Junior homonym of *Phoxus kroyeri* Stimpson, 1853; replaced with *Phoxus simplex* by Spence Bate (1858a) [Amphipoda: Phoxocephalidae].
- Kyptocaris**. Spence Bate (1888: 689). Type species: *Kyptocaris stylofrontalis* Spence Bate, 1888; by monotypy. Based on a

- larval stage of an undeterminable species of questionably Pandalidae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda: Caridea].
- lacertosa**, *Amphitoë*. Spence Bate (1858c: 362). Type locality: Arctic regions. Currently valid [Amphipoda: Amphithoidae].
- laevigatus**, *Anonyx*. Spence Bate (1863a: 65). Stimpson manuscript name; not available under Article 11.6 (International Commission of Zoological Nomenclature (1999)), as published in synonymy of *Lysianassa nugax* (Phipps, 1774) (now *Anonyx nugax*) [Amphipoda: Uristidae].
- laevigatus**, *Heterocarpus*. Spence Bate (1888: 636, pl. 112, fig. 3). Type locality: 4°34'0"S 129°57'30"E., off Banda Island. Currently valid [Decapoda: Pandalidae].
- laevirostratis**, *Acanthosoma*. Spence Bate (1888: 374, pl. 65, fig. 2). Type locality: not designated. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- laevis**, *Haliporus*. Spence Bate (1881b: 185). Type locality: mid Atlantic. Currently valid as *Hymenopenaeus laevis* (Spence Bate, 1881) [Decapoda: Solenoceridae].
- laevis**, *Orchestia*. Spence Bate (1857b: 136). Type locality: Swansea. Currently considered a junior synonym of *Orchestia mediterranea* Costa, 1853 [Amphipoda: Talitridae].
- laevis**, *Pentacheles*. Spence Bate (1878c: 278). Type locality: Challenger stn. 214, 4°33'N 127°6'E, through lectotype designation in Sund (1920). Currently [Decapoda: Polychelidae].
- laevis**, *Sicyonia*. Spence Bate (1881b: 173). Type locality: north of New Guinea. Also indicated as new in Spence Bate (1888: 298, pl. 43, fig. 5). Currently valid [Dendrobranchiata: Sicyoniidae].
- laeviventralis**, *Sergestes*. Spence Bate (1888: 425, pl. 67, fig. 3). Type locality: North of New Guinea. Based on a *Mastigopus* stage of an unidentifiable species of *Sergestes* according to Hansen (1903); herein considered a *nomen dubium* [Decapoda: Sergestidae].
- lanceocaudata**, *Systellaspis*. Spence Bate (1888: 758, pl. 124, fig. 7). Type locality: 35°11'N 139°28'E, off Japan. Currently valid [Decapoda: Opolophoridae].
- lanceopes**, *Nematocarcinus*. Spence Bate (1888: 805, pl. 131). Type locality: 60°52'S 80°20'E, Antarctic Sea. Currently valid [Decapoda: Nematocarcinidae].
- laterodentatus**, *Sergestes*. Spence Bate (1888: 395). Type locality: South of Australia. Considered a *nomen dubium* by De Grave & Fransen (2011) [Decapoda: Sergestidae].
- latreutis**, *Bopyrus*. Spence Bate (1888: 584). Type locality: North Atlantic. Currently considered a junior synonym of *Probopyrinella latreuticola* (Gissler, 1882) [Isopoda: Bopyridae].
- Leachii**, *Calliope*. Spence Bate (1857b: 142). Type locality: Moray; Devonshire? Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Calliopius laevisculus* (Krøyer, 1838) [Amphipoda: Calliopiidae].
- Lembos**. Spence Bate (1857b: 142). Type species: *Lembos Websterii* Spence Bate, 1857b; by subsequent designation in Chevreux & Fage (1925). Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid [Amphipoda: Aoridae].
- Lepidepecreum**. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 509). Type species: *Lepidepecreum carinatum* Spence Bate & Westwood, 1868; by subsequent designation in Stebbing (1888). Currently valid [Amphipoda: Tryphosidae].
- Leptaspidia**. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 331). Type species: *Leptaspidia brevipes*. Spence Bate & Westwood, 1867; by monotypy. Considered a *nomen dubium* by Just & Wilson (2004) [Isopoda: Janiroidea].
- leptochela**, *Opis*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 501). Type locality: Shetlands; off the Isle of Man. Currently considered a junior synonym of *Euonyx chelatus* Norman, 1867 [Amphipoda: Uristidae].
- levicarina**, *Dorodotes*. Spence Bate (1888: 680, pl. 112, fig. 5). Type locality: 9°59'S 139°42'E, Arafura Sea, south of Papua. Currently valid as *Proclestes levicarina* (Spence Bate, 1888) [Decapoda: Pandalidae].
- Liljeborgia**. Spence Bate (1863a: 118, pl. 19, fig. 1). Type species: *Gammarus pallidus* Spence Bate, 1857 [Spence Bate, 1857b]. Currently valid [Amphipoda: Liljeborgiidae].
- littorina**, *Amphitoë*. Spence Bate (1857b: 147). Type locality: Coast of Berwickshire; Spring Vale, Co. Down; Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently considered a junior synonym of *Ampithoe rubricata* (Montagu, 1808) [Amphipoda: Ampithoidae].
- Lonchomerus**. Spence Bate (1857b: 142). Type species: *Lonchomerus gracilis* Spence Bate, 1857b; by monotypy. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Aora Krøyer*, 1845 [Amphipoda: Aoridae].
- longibranchiatus**, *Phryxus*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 246). Type locality: Shetland. Currently valid as *Pleurocrypta longibranchiata* (Spence Bate & Westwood, 1867) [Isopoda: Bopyridae].
- longicaudatus**, *Crabzyos*. Spence Bate (1864: 504, pl. 41, fig. 7). Type locality: St. Vincent's Gulf. Currently valid [Isopoda: Idoteidae].
- longicaudatus**, *Eiscladus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 412). Type locality: Outer Skerries Harbour, Shetland. Currently considered valid as *Photis longicaudata* (Spence Bate & Westwood, 1862) [Amphipoda: Photidae].
- longicaulis**, *Eretmocaris*. Spence Bate (1888: 897, pl. 145, fig. 2). Type locality: 17°29'N 141°21'E, south of Japan. Larval stage of an undeterminable species of *Lysmata* Risso, 1816; herein considered a *nomen dubium* [Decapoda: Lysmatidae].
- longicollus**, *Sergestes*. Spence Bate (1888: 421, pl. 77, fig. 1). Type locality: South Atlantic Ocean, near 29°35'S 28°9'W; 38°7'S 94°4'W, South Pacific Ocean. Currently considered a junior synonym of *Sergia tenuiremis* (Krøyer, 1855) [Decapoda: Sergestidae].
- longicornis**, *Anonyx*. Spence Bate & Westwood (1861) [Spence Bate & Westwood, 1861–1863]: 91). Type locality: Haaf fishing grounds off the coast of Shetland. Also indicated as new in Spence Bate (1863a: 72, pl. 11, fig. 4). Currently valid as *Lepidepecreum longicornis* (Spence Bate & Westwood, 1861) [Amphipoda: Uristidae].

- longicornis**, *Cyrianassa*. Spence Bate (1858e: 104). Type locality: south of Ireland. Currently valid as *Pseudocuma longicorne* (Spence Bate, 1858) [Cumacea: Pseudocumatidae].
- longidens**, *Acanthephyra*. Spence Bate (1888: 735, pl. 124, fig. 4). Type locality: 2°55'N 124°53'W, near the Philippine Islands; 32°36'S 137°43'W, South Pacific Ocean. Currently considered a junior synonym of *Heterogenys microphthalma* (Smith, 1885) [Decapoda: Acanthephyridae].
- longidigitum**, *Macrobrachium*. Spence Bate (1868c: 365, pl. 31, fig. 2). Type locality: not designated. Currently considered a junior synonym of *Macrobrachium acanthurus* (Wiegmann, 1836) [Decapoda: Palaemonidae].
- longidorsalis**, *Diaphoropus*. Spence Bate (1888: 688, pl. 117, fig. 4). Type locality: Cape Verde Islands. Larval stage of an undeterminable species of Alpheidae according to Coutière (1907); herein considered a *nomen dubium* [Decapoda: Alpheidae].
- longimana**, *Montagua*. Spence Bate (1863a: 57, pl. 9, fig. 1). Type locality: Piedmont. Considered a *nomen dubium* in Barnard & Karaman (1991) [Amphipoda: Stenothoidae].
- longimana**, *Oregonia*. Spence Bate (1865b: 663). Type locality: Esquimalt Harbour. Also indicated as new in Spence Bate (1865c: 487) and Spence Bate (1866b: 267; unnumbered plate, fig. 5). Currently considered a junior synonym of *Oregonia gracilis* Dana, 1851 [Decapoda: Oregoniidae].
- longimanus**, *Alpheus*. Spence Bate (1888: 551, pl. 98, fig. 4). Type locality: off Yokoya; off Kobe, Japan. Currently considered a junior synonym of *Alpheus japonicus* Miers, 1879 [Decapoda: Alpheidae].
- longimanus**, *Gammarus*. Spence Bate (1857b: 145). Type locality: Belfast; Plymouth. Currently considered a junior synonym of *Othomaera othonis* (H. Milne Edwards, 1830a) [Amphipoda: Maeridae].
- longimanus**, *Monoculodes*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 507). Type locality: Banff. Currently valid as *Perioculodes longimanus* (Spence Bate & Westwood, 1868) [Amphipoda: Oedocerotidae].
- longinaris**, *Artemesia*. Spence Bate (1888: 281, pl. 40). Type locality: 35°2'S 55°15'W, off Monte Video; 3°47'S 32°24'30"W, off Fernando Noronha, South America. Currently valid [Decapoda: Penaeidae].
- longipes**, *Anonyx*. Spence Bate & Westwood (1861) [Spence Bate & Westwood, 1861–1863]: 113). Type locality: Haaf fishing-ground, about thirty miles off the Shetland Islands. Also indicated as new in Spence Bate (1863a: 79, pl. 13, fig. 4). Currently valid as *Tryphosites longipes* (Spence Bate & Westwood, 1861) [Amphipoda: Uristidae].
- longirostris**, *Macrocephalus*. Spence Bate (1858c: 362). Type locality: not indicated. Currently considered a junior synonym of *Rhabdosoma armatum* (H. Milne Edwards, 1840) [Amphipoda: Oxycephalidae].
- longirostris**, *Nematocarcinus*. Spence Bate (1888: 806, pl. 132, fig. 2). Type locality: 34°37'N 140°32'E, near Yokohama, Japan. Currently valid [Decapoda: Nematocarcinidae].
- longirostris**, *Notostomus*. Spence Bate (1888: 833, pl. 135, fig. 4). Type locality: 4°21'S 129°7'E, off Banda Island. Currently considered a junior synonym of *Notostomus elegans* A. Milne-Edwards, 1881 [Decapoda: Acanthephyridae].
- longirostris**, *Oplophorus*. Spence Bate (1888: 765, pl. 127, fig. 2). Type locality: 19°7'50"S 178°19'35"E., off Kandavu, Fiji Islands. Currently considered a junior synonym of *Oplophorus gracilirostris* A. Milne-Edwards, 1881 [Decapoda: Oplophoridae].
- longirostris**, *Sergestes*. Spence Bate (1888: 415, pl. 75, fig. 3). Type locality: Mid Atlantic. Currently considered a junior synonym of *Deosergestes corniculum* (Krøyer, 1855) [Decapoda: Sergestidae].
- longispina**, *Phrosina*. Spence Bate (1863a: 320, pl. 51, fig. 7). Type locality: in the stomach of a shark, 26°27'S 99°W. Currently considered a junior synonym of *Phrosina semilunata* Risso, 1822 [Amphipoda: Phrosinidae].
- longispinus**, *Oodeopus*. Spence Bate (1888: 881, pl. 142, fig. 5). Type locality: Celebes Sea. Larval stage of an undeterminable species of Axidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- longispinus**, *Sergestes*. Spence Bate (1888: 417, pl. 76, fig. 2). Type locality: 1°47'N 24°26'W, Mid Atlantic Ocean; 32°41'N 36°6'W, North Atlantic Ocean. Currently considered a junior synonym of *Cornutosergestes cornutus* (Krøyer, 1855) [Decapoda: Sergestidae].
- longitelsonis**, *Acanthosoma*. Spence Bate (1888: 371, pl. 64, fig. 3). Type locality: South Pacific Ocean. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- Lordii**, *Pugettia*. Spence Bate (1865b: 662). Type locality: Esquimalt and Victoria Harbours; mainland coasts from the mouth of the Fraser to San Francisco. Also indicated as new in Spence Bate (1865c: 486) and Spence Bate (1866b: 265; unnumbered plate, fig. 3). Currently considered a junior synonym of *Pugettia gracilis* Dana, 1851 [Decapoda: Epialtidae].
- loricatus**, *Tanais*. Spence Bate (1865b: 668). Type locality: Esquimalt Harbour. Also indicated as new in Spence Bate (1865c: 492) and Spence Bate (1866b: 282). Currently valid [Tanaidacea: Tanaididae].
- Loughrini**, *Dexamine*. Spence Bate (1863a: 132, pl. 19, fig. 1). Type locality: outside Polperro Harbour. Currently considered a junior synonym of *Nototropis swammerdamei* (H. Milne Edwards, 1830a) [Amphipoda: Atylidae].
- Lubbockiana**, *Galanthis*. Spence Bate (1857b: 136). Type locality: Falmouth; Penzance. Also listed as a *nomen nudum* in Spence Bate (1856c: 57). Currently valid as *Hyale lubbockiana* (Spence Bate, 1857) [Amphipoda: Hyalidae].
- Lucasii**, *Cylopus*. Spence Bate (1863a: 306, pl. 50, fig. 2). Type locality: The Powel Islands. Currently valid [Amphipoda: Cylopodidae].
- Lucasii**, *Solenocera*. Spence Bate (1881b: 185). Type locality: south of New Guinea. Currently valid as *Hadropenaeus lucasii* (Spence Bate, 1881) [Decapoda: Solenoceridae].
- Macrobrachium**. Spence Bate (1868c: 363). Type species: *Macrobrachium americanum* Spence Bate, 1868; by subsequent designation in Fowler (1912). Currently valid [Decapoda: Palaemonidae].
- Macrocephalus**. Spence Bate (1858c: 361). Type species: *Macrocephalus longirostris* Spence Bate, 1858; by monotypy. Currently considered a junior synonym of *Rhabdosoma White*, 1847 [Amphipoda: Oxycephalidae].

- macrotelsonis*, *Acanthosoma*. Spence Bate (1888: 373, pl. 66, fig. 1). Type locality: Samboangan, Philippines. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- magnoculus**, *Pandalus*. Spence Bate (1888: 667, pl. 65, fig. 1). Type locality: 38°50'S 169°20'E, near New Zealand; 39°32'S 171°48'E, off the West coast of New Zealand. Currently valid as *Notopandalus magnoculus* (Spence Bate, 1888) [Decapoda: Pandalidae].
- malleodigitus**, *Betaeus*. Spence Bate (1888: 565, pl. 101, fig. 5). Type locality: Levuka, Fiji Islands. Currently valid as *Alpheus malleodigitus* (Spence Bate, 1888) [Decapoda: Alpheidae].
- manudens**, *Amphilochus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 180). Type locality: Cumbrae, Scotland. Also indicated as new in Spence Bate (1863a: 107, pl. 17, fig. 6). Currently valid [Amphipoda: Amphilochidae].
- marina*, *Lysianassa*. Spence Bate (1857b: 138). Type locality: Plymouth Sound; Banff. Currently considered a junior synonym of *Ambasia atlantica* (H. Milne Edwards, 1830a) [Amphipoda: Lysianassidae].
- marina**, *Montagua*. Spence Bate (1857b: 137). Type locality: Macduff; Banff; Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 57, as *Montagua marinus*). Currently valid as *Stenothoe marina* (Spence Bate, 1857) [Amphipoda: Stenothoidae].
- marinus*, *Palinurus*. Spence Bate (1868b: 121, pl. 10, fig. 2). Type locality: not indicated. Currently considered a junior synonym of *Palinurus elephas* (Fabricius, 1787) [Decapoda: Palinuridae].
- marinus**, *Sulcator*. Spence Bate (1857b: 140). Type locality: Banff, Macduff. Currently valid as *Urothoe marina* (Spence Bate, 1857) [Amphipoda: Urothoidae].
- marionis**, *Nauticaris*. Spence Bate (1888: 603, pl. 108). Type locality: 46°48'0"S 37°49'30"E, off Marion Island; 46°43'0"S 38°4'30"E, off Prince Edward Island; 51°40'S 57°50'W, off the Falkland Islands. Currently valid [Decapoda: Hippolytidae].
- media**, *Acanthephyra*. Spence Bate (1888: 736, pl. 124, fig. 5). Type locality: 12°21'N 122°15'E, off Tablas Island. Currently valid [Decapoda: Acanthephyridae].
- megalophthalma**, *Orchestia*. Spence Bate (1863a: 22, pl. 3, fig. 8). Type locality: unknown. Currently considered valid as *Americorchestia megalophthalma* (Spence Bate, 1863) [Amphipoda: Talitridae].
- Megamoera**. Spence Bate (1863a: 224). Type species: *Gammarus dentatus* Krøyer, 1842; by subsequent designation in Barnard (1969). Currently valid [Amphipoda: Melitidae].
- Merhippolyte**. Spence Bate (1888: 618). Type species: *Merhippolyte agulhasensis* Spence Bate, 1888; by original designation. Currently valid [Decapoda: Hippolytidae].
- microdeutopa*, *Gossea*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 277). Type locality: Ilfracombe. Also indicated as new in Spence Bate (1863a: 160, pl. 29, fig. 6; as *G. microdentopa* in text). Currently considered a junior synonym of *Apherusa jurinei* (H. Milne Edwards, 1830a) [Amphipoda: Calliopiidae].
- microphthalmus*, *Allorchestes*. Spence Bate (1863a: 39, pl. 6, fig. 6). Type locality: Italy. Currently considered a junior synonym of *Protohyale schmidtii* (Heller, 1866) [Amphipoda: Hyalidae].
- microstylus**, *Betaeus*. Spence Bate (1888: 566, pl. 101, fig. 6). Type locality: Albany Island, Cape York. Currently valid as *Alpheus microstylus* (Spence Bate, 1888) [Decapoda: Alpheidae].
- modestus**, *Pandalus*. Spence Bate (1888: 670, pl. 114, fig. 4). Type locality: 35°4'S 18°37'E, at the Agulhas Bank, off the Cape of Good Hope. Currently valid as *Pandalina modesta* (Spence Bate, 1888) [Decapoda: Pandalidae].
- Moggridgei*, *Amphitoë*. Spence Bate (1851b: 319, pl. 10, fig. 10). Type locality: Langland Bay, Swansea. Currently considered a junior synonym of *Gammarellus angulosus* (Rathke, 1843) [Amphipoda: Gamarellidae].
- mollicutis*, *Hymenodora*. Spence Bate (1888: 848, pl. 137, fig. 2). Type locality: *Challenger* stn 104, 2°25'N 20°1'W, Atlantic, 2,500 fms; stn. 87, 25°49'N 20°55'W, near the Canary Islands, 1,675 fms; stn. 133, 35°41'S 20°55'W, near Tristan da Cunha, 1,900 fms; stn. 156, 62°26'S 95°44'S, 1,975 fms; stn. 157, 53°55'S 108°35'S [sic], 1,950 fms; stn. 318, 42°32'S 56°29'W, 2,040 fms. Currently considered a junior synonym of *Hymenodora glacialis* (Buchholz, 1874) [Decapoda: Acanthephyridae].
- mollicutis*, *Benthesicymus*. Spence Bate (1888: 339, pl. 58, fig. 2). Type locality: 35°41'S 20°55'W, near Tristan da Cunha. Currently considered a junior synonym of *Bathycaris iridescens* (Spence Bate, 1881) [Decapoda: Benthesicymidae].
- Montagua*. Spence Bate (1857b: 137). Type species: *Cancer* (*Gammarus*) *monoculoides* Montagu, 1813; by subsequent designation in Barnard & Karaman (1991). Junior homonym of *Montagua* Leach, 1814 [Leach, 1813–1815] (Decapoda) and *Montagua* Fleming, 1822 (Mollusca). Also listed as a *nomen nudum* in Spence Bate (1856c: 57). Currently considered a junior synonym of *Stenothoe Dana*, 1852a [Amphipoda: Stenothoidae].
- mülleri**, *Philonicus*. Spence Bate (1888: 275, pl. 39). Type locality: 35°2'S 55°15'E, off Monte Video. Currently valid as *Pleoticus muelleri* (Spence Bate, 1888) [Decapoda: Solenoceridae].
- multidentata**, *Megamoera*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 515). Type locality: Guernsey. Currently valid [Amphipoda: Melitidae].
- multifasciatus*, *Gammarus*. Spence Bate (1863a: 211, pl. 37, fig. 7). Type locality: Grand Manan. Currently considered a junior synonym of *Gammarus locusta* (Linnaeus, 1758) [Amphipoda: Gammaridae].
- murrayi**, *Notostomus*. Spence Bate (1888: 829, pl. 134, fig. 3). Type locality: 35°41'S 20°55'W, near Tristan da Cunha. Currently valid [Decapoda: Acanthephyridae].
- Naenia*. Spence Bate (1863a: 271). Type species: *Naenia tuberculosa* Spence Bate & Westwood, 1862; by subsequent designation in Barnard & Karaman (1991). Junior homonym of *Naenia* Stephens, 1829 (Lepidoptera). Currently considered a junior synonym of *Gammaropsis Lilljeborg*, 1855 [Amphipoda: Photidae].
- Nannastacus**. Spence Bate (1865a: 86). Type species: *Nannastacus binoculoides* Spence Bate, 1865. Currently valid [Cumacea: Nannastacidae].

- nasidentatus*, *Sergestes*. Spence Bate (1888: 398, pl. 72, fig. 2). Type locality: Pacific Ocean between Valparaiso and Juan Fernandez. Considered a *nomen dubium* in all but name by Holthuis (1952); herein followed [Decapoda: Sergestidae].
- Nauticaris*. Spence Bate (1888: 602). Type species: *Nauticaris marionis* Spence Bate, 1888; by subsequent designation in Calman (1906). Name placed on the Official list of Generic Names in Zoology in Opinion 470 (International Commission of Zoological Nomenclature (1957)). Currently valid [Decapoda: Hippolytidae].
- neptunus*, *Haliporus*. Spence Bate (1881b: 185). Type locality: among the Celebes Islands. Currently valid as *Hymenopenaeus neptunus* (Spence Bate, 1881) [Decapoda: Solenoceridae].
- normanni*, *Gammarella*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 333). Type locality: Moulin Huel Bay, Guernsey. Currently considered a junior synonym of *Gammarella fucicola* (Leach, 1814) [Leach, 1813–1815] [Amphipoda: Nuuanuidae].
- Nothocaris*. Spence Bate (1888: 650). Type species: *Nothocaris rostricrescentis* Spence Bate, 1888; by subsequent designation in Fowler (1912). Currently considered a junior synonym of *Plesionika* Spence Bate, 1888; under First Reviser Principle by Ortmann (1890) [Decapoda: Pandalidae].
- Novae-Zelandiae*, *Orchestia*. Spence Bate (1863a: 20, pl. 3, fig. 5). Type locality: New Zealand. Currently considered a junior synonym of *Dana sylvicolus* (Dana, 1852a) [Amphipoda: Talitridae].
- obesus*, *Anonyx*. Spence Bate & Westwood (1861) [Spence Bate & Westwood, 1861–1863]: 98). Type locality: Moray Frith. Also indicated as new in Spence Bate (1863a: 74, pl. 12, fig. 1). Currently valid as *Acidostoma obesum* (Spence Bate & Westwood, 1861) [Amphipoda: Acidostomatidae].
- obliquirostris*, *Haliporus*. Spence Bate (1881b: 186). Type locality: off Kermadec Island. Currently valid as *Hymenopenaeus obliquirostris* (Spence Bate, 1881) [Decapoda: Solenoceridae].
- obscurus*, *Pentacheles*. Spence Bate (1878c: 279). Type locality: 2°33'S 144°4'E, north of New Guinea. Currently valid [Decapoda: Polychelidae].
- occidentalis*, *Callianassa*. Spence Bate (1888: 29, pl. 2, fig. 2k). Type locality: 18°24'N 63°28'W, off Sombrero Island, West Indies. Junior primary homonym of *Callianassa occidentalis* Stimpson, 1856; see next entry [Decapoda: Callianassidae].
- occidentalis*, *Cheramus*. Spence Bate (1888: 32, pl. 2, fig. 1). Type locality: 18°24'N 63°28'W, off Sombrero Island, West Indies. Junior secondary homonym of *Callianassa occidentalis* Stimpson, 1856 (see Biffar (1973) for discussion of this and preceding entry); replaced by Biffar (1973) with *Callianassa profunda* Biffar, 1973 (now *Cheramus profundus*) [Decapoda: Callianassidae].
- ocellus*, *Nothocaris*. Spence Bate (1888: 657, pl. 114, fig. 3). Type locality: 7°3'N 121°48'E, near Samboangan, Philippine Islands. Currently valid [Decapoda: Pandalidae].
- ocius*, *Podocerus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 450). Type locality: Ilfracombe. Also indicated as new in Spence Bate (1863a: 257, pl. 44, fig. 5). Currently valid as *Plumulojassa ocia* (Spence Bate & Westwood, 1862) [Amphipoda: Ischyroceridae].
- Odontolophus*. Spence Bate (1888: 665). Type species *Odontolophus serratus* Spence Bate, 1888; by monotypy. Based on a larval stage of an undeterminable species of Palaemonidae according to Gurney (1942) and Holthuis (1955b); herein considered a *nomen dubium* [Decapoda: Palaemonidae].
- Oodeopus*. Spence Bate (1888: 875). Type species: not designated. Based on a larval stage of undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- Ophthalmeryon*. Spence Bate (1889: 67). Type species: *Ophthalmeryon transitionalis* Spence Bate (1889); by monotypy. Herein considered a junior synonym of *Cerataspis Gray, 1828* [Decapoda: Aristeidae].
- orchestiformis*, *Gammarella*. Spence Bate (1857b: 143). Type locality: Polperro. Currently considered a junior synonym of *Gammarella fucicola* (Leach, 1814) [Leach, 1813–1815] [Amphipoda: Nuuanuidae].
- orientalis*, *Arctus*. Spence Bate (1888: 68, pl. 9, fig. 4). Type locality: between Bohol and Zebu, 10°14'N 123°54'E, off Banda. Junior secondary homonym of *Scyllarus orientalis* Lund, 1793; replaced with *Scyllarus batei* by Holthuis (1946) [Decapoda: Scyllaridae].
- orientalis*, *Cheramus*. Spence Bate (1888: 30, pl. 1, fig. 2). Type locality: 9°59'S 139°42'W, Arafura Sea. Currently valid as *Pugnatorypaea orientalis* (Spence Bate, 1888) [Decapoda: Callianassidae].
- orientalis*, *Merhippolyte*. Spence Bate (1888: 621). Type locality: 5°41'S 134°4'30"E, off New Guinea. Considered a *nomen dubium* in all but name by Holthuis, 1947b; herein followed [Decapoda: Hippolytidae].
- orientalis*, *Nephropsis*. Spence Bate (1888: 171, 175). Lapsus for *Nephropsis suhmi* Spence Bate (1888) [Decapoda: Nephropidae].
- orientalis*, *Stylodactylus*. Spence Bate (1888: 854, pl. 138, fig. 2). Type locality: 28°33'S 177°50'W, north of the Kermadec Islands. Currently considered a junior synonym of *Stylodactylus discissipes* Spence Bate, 1888; under First Reviser Principle by De Man (1920) [Decapoda: Stylodactylidae].
- Orphanina*. Spence Bate (1888: 872). Type species: *Orphanina tenuimana* Spence Bate, 1888; by monotypy. Currently considered a junior synonym of *Parapasiphae* Smith, 1884 [Decapoda: Pasiphaeidae].
- Ossiani*, *Calliope*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 261). Type locality: Yorkshire. Also indicated as new in Spence Bate (1863a: 149, pl. 28, fig. 3). Currently considered a junior synonym of *Stenopleustes latipes* (Sars, 1858) [Amphipoda: Pleustidae].
- Otus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 223). Type species: *Otus carinatus* Spence Bate & Westwood, 1862; by monotypy. Also indicated as new in Spence Bate (1863a: 125). Junior homonym of *Otus* Hübner, 1816 (Lepidoptera); replaced with *Odius* by Lilljeborg (1865) [Amphipoda: Odiidae].
- ovatus*, *Sergestes*. Spence Bate (1888: 408, pl. 74, fig. 2). Type locality: North Atlantic Ocean. Currently considered a junior synonym of *Sergestes atlanticus* H. Milne Edwards, 1830b [Decapoda: Sergestidae].

- Owenii*, *Acanthonotus*. Spence Bate (1857b: 141). Type locality: Banff, Macduff. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Epimeria cornigera* (Fabricius, 1779) [Amphipoda: Epimeriidae].
- Palinostus*. Spence Bate (1888: 76). Incorrect spelling of *Palinosytus*; placed on the Official Index of Rejected and Invalid Generic Names in Zoology in Opinion 612 (International Commission of Zoological Nomenclature (1961)) [Decapoda: Palinuridae].
- Palinosytus*. Spence Bate (1888: ix). Type species: *Palinurus lalandii* H. Milne Edwards, 1837; by subsequent designation in Holthuis (1960). Placed on the Official Index of Rejected and Invalid Generic Names in Zoology in Opinion 612 (International Commission of Zoological Nomenclature (1961)) [Decapoda: Palinuridae].
- Pallasea**. Spence Bate (1863a: 200). Type species: *Oniscus cancellus* Pallas, 1772; by monotypy. Currently valid [Amphipoda: Pallaseidae].
- pallidus**, *Gammarus*. Spence Bate (1857b: 145). Type locality: Plymouth. Currently valid as *Liljeborgia pallida* (Spence Bate, 1857) [Amphipoda: Liljeborgiidae].
- Pandalopsis*. Spence Bate (1888: 671). Type species: *Pandalopsis amplus* Spence Bate, 1888; by monotypy. Currently considered a junior synonym of *Pandalus* Leach, 1814 [Leach, 1813–1815] [Decapoda: Pandalidae].
- parallela*, *Idotea*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 391. Type locality: Falmouth; Polperro; Naples. Currently considered a junior synonym of *Cleantis prismatica* (Risso, 1827) [Isopoda: Holognathidae].
- Paralpheus*. Spence Bate (1888: 567). Type species: *Palaemon diversimanus* Olivier, 1811; by monotypy. Currently considered a synonym of *Alpheus* Fabricius, 1798 [Decapoda: Alpheidae].
- paramattensis*, *Astacopsis*. Spence Bate (1888: 202, pl. 27, fig. 1). Type locality: Paramatta River, Sydney, Australia. Currently considered a junior synonym of *Euastacus spinifer* (Heller, 1865) [Decapoda: Parastacidae].
- Paranthura**. Spence Bate & Westwood (1866) [Spence Bate & Westwood, 1863–1868]: 141. Type species: *Paranthura costana* Spence Bate & Westwood, 1866; by monotypy. Currently valid [Isopoda: Paranthuridae].
- Parathanas*. Spence Bate (1888: 530). Type species: *Parathanas decorticus* Spence Bate, 1888; by subsequent designation in Holthuis (1955b). Herein considered a junior synonym of *Athanas* Leach, 1814 [Leach, 1813–1815] [Decapoda: Alpheidae].
- Paraxius**. Spence Bate (1888: 37). Type species: *Paraxius altus* Spence Bate, 1888; by monotypy. Currently valid [Decapoda: Axiidae].
- parvidens*, *Sergestes*. Spence Bate (1888: 409, pl. 74, fig. 3). Type locality: tropical part of the Atlantic; Pacific Ocean, north of the Sandwich Islands; off Sydney and Wellington, Australia. Currently considered a junior synonym of *Parasergestes vigilax* (Stimpson, 1860) [Decapoda: Sergestidae].
- parvidentatus*, *Nematocarcinus*. Spence Bate (1888: 814, pl. 132, fig. 7). Type locality: 34°37'N 140°32'E, near Yokohama, Japan. Currently considered a junior synonym of *Nematocarcinus tenuipes* Spence Bate, 1888; under First Reviser Principle by Burukovsky (2000) [Decapoda: Nematocarcinidae].
- parvimanus**, *Cheirothrix*. Spence Bate (1888: 533, pl. 96, fig. 2). Type locality: 10°30'S 142°18'E, off Cape York. Currently valid as *Batella parvimanus* (Spence Bate, 1888) [Decapoda: Alpheidae].
- parvimanus*, *Oediceros*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 161. Type locality: sixty miles east of the Shetlands. Currently considered a junior synonym of *Westwoodilla caecula* (Spence Bate, 1857) [Amphipoda: Oedicerotidae].
- parvus**, *Eiconaxius*. Spence Bate (1888: 44, pl. 5, figs. 4, 5). Type locality: off the Kermadec Islands, 29°55'S 178°14'W. Currently valid [Decapoda: Axiidae].
- parvus**, *Gennadas*. Spence Bate (1881b: 192). Type locality: off Japan. Currently valid [Decapoda: Benthescymidae].
- patentissimus*, *Notostomus*. Spence Bate (1888: 826, pl. 133, pl. 134, figs. 1, 2). Type locality: 2°55'N 124°53'E, south of the Philippine Islands. Currently considered a junior synonym of *Notostomus elegans* A. Milne-Edwards, 1881 [Decapoda: Acanthephyridae].
- paucidentatus**, *Nematocarcinus*. Spence Bate (1888: 816, pl. 132, fig. 9). Type locality: 19°7'50"S 178°19'35"E, Kandavu, Fiji Islands. Currently valid [Decapoda: Nematocarcinidae].
- pavonina**, *Angasia*. Spence Bate (1864: 498, pl. 40, fig. 1). Type locality: St. Vincent's Gulf. Currently valid as *Tozeuma pavoninum* (Spence Bate, 1864) [Decapoda: Hippolytidae].
- pectenicrus**, *Moera*. Spence Bate (1863a: 192, pl. 34, fig. 8). Type locality: New Guinea. Currently valid as *Elasmopus pecteniscrus* (Spence Bate, 1863) [Amphipoda: Maeridae].
- pectinatus**, *Philonicus*. Spence Bate (1888: 279, pl. 38). Type locality: 9°59'S 139°42'E, Arafura Sea, south of Papua. Currently valid as *Solenocera pectinata* (Spence Bate, 1888) [Decapoda: Solenoceridae].
- pelagica**, *Thersites*. Spence Bate (1857b: 146). Type locality: Moray Frith. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently valid as *Bathyporeia pelagica* (Spence Bate, 1857) [Amphipoda: Bathyporeidae].
- Penaeopsis**. Spence Bate (1881b: 182). Type species: *Penaeopsis serratus* Spence Bate, 1881b; by subsequent designation in Bouvier (1905). Currently valid [Decapoda: Penaeidae].
- penerinkii*, *Sergestes*. Spence Bate (1888: 418, pl. 76, fig. 3). Type locality: North Atlantic Ocean. Currently considered a junior synonym of *Parasergestes diapontius* (Spence Bate, 1881) [Decapoda: Sergestidae].
- pennata**, *Pontocaris*. Spence Bate (1888: 499, pl. 91). Type locality: 8°56'N 136°5'E, Arafura Sea, south of Papua. Currently valid [Decapoda: Crangonidae].
- Pentacheles**. Spence Bate (1878c: 276). Type species: *Pentacheles laevis* Spence Bate, 1878; by subsequent designation in Fowler (1912: 569). Currently valid [Decapoda: Polychelidae].
- Pereionotus**. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 226. Type species: *Oniscus testudo* Montagu, 1808; by monotypy. Currently valid [Amphipoda: Phliantidae].

- perlatus*, *Notostomus*. Spence Bate (1888: 831, pl. 134, fig. 2). Type locality: 2°55'N 124°53'E, near the Philippine Islands. Currently considered a junior synonym of *Notostomus gibbosus* A. Milne-Edwards, 1881 [Decapoda: Acanthephyridae].
- Petalidium**. Spence Bate (1881b: 194). Type species: *Petalidium foliaceum* Spence Bate, 1881; by monotypy. Currently valid [Decapoda: Sergestidae].
- Peteinura*. Spence Bate (1888: 323). Type species: *Peteinura gubernata* Spence Bate, 1888; by monotypy. According to Burkenroad (1936) based on a larval stage of an undeterminable species of *Plesiopenaeus* Spence Bate, 1881; by extension herein considered a junior synonym of *Cerataspis* Gray, 1828 [Decapoda: Aristeidae].
- Phaedra*. Spence Bate (1859f: 138). Type species: *Phaedra antiqua* Spence Bate, 1859; by monotypy. Junior homonym of *Phaedra* Horsfield, 1829 (Lepidoptera), *Phaedra* Dejean, 1835 (Coleoptera) and *Phaedra* Albers, 1859 (Mollusca). The next available name for this taxon is *Gossea* Spence Bate & Westwood, 1862; see Boyko & De Grave (2023) [Amphipoda: Calliopiidae].
- Philippii**, *Penaeus*. Spence Bate (1881b: 181). Type locality: off the Philippine Islands. Currently valid as *Metapenaeopsis philippi* (Spence Bate, 1881) [Decapoda: Penaeidae].
- philippinense*, *Phyllosoma*. Spence Bate (1888: 99, pl. 12d, fig. 3). Type locality: off the Philippine Islands. Larval stage of an undeterminable species of Achelata; herein considered a *nomen dubium* [Decapoda].
- philippinensis*, *Penaeus*. Spence Bate (1888: 261, pl. 35, figs. 2, 3). Type locality: 7°3'N 121°48'E, off the Celebes Islands; through lectotype designation in Crosnier (1987). Currently valid as *Metapenaeopsis philippinensis* (Spence Bate, 1888) [Decapoda; Penaeidae].
- Philonicus*. Spence Bate (1888: 273). Type species: *Philonicus mülleri* Spence Bate, 1888; by subsequent designation in Fowler (1912). Junior homonym of *Philonicus* Loew, 1849 (Diptera); replaced by Spence Bate (1888) with *Pleoticus* [Decapoda: Solenoceridae].
- Piedmontensis*, *Allorchestes*. Spence Bate (1863a: 35, pl. 1a, fig. 5). Type locality: coast of Piedmont. Considered a *nomen dubium* by Barnard & Karaman (1991) [Amphipoda: Hyalidae].
- pinguis*, *Protomedeia*. Spence Bate (1863a: 170, pl. 31, fig. 3). Type locality: coast of New England, as well as Grand Manan. Junior secondary homonym and synonym of *Leptocheirus pinguis* (Stimpson, 1853) [Amphipoda: Corophiidae].
- planipes*, *Tropiocaris*. Spence Bate (1888: 835, pl. 136, fig. 1). Type locality: 26°29'N 137°57'E. Currently considered a junior synonym of *Ephyrina benedicti* Smith, 1885 [Decapoda: Acanthephyridae].
- planus**, *Latreutes*. Spence Bate (1888: 584, pl. 89, fig. 5). Type locality: off Sibago, Samboangan, Philippine Islands. Currently valid [Decapoda: Hippolytidae].
- Platybema*. Spence Bate (1888: 578). Replacement name for the junior homonyms *Cyclorhynchus* De Haan, 1849 [De Haan, 1833–1850] and *Rhynchocyclus* Stimpson, 1860. Currently considered a junior synonym of *Latreutes* Stimpson, 1860 [Decapoda: Hippolytidae].
- Platysacus*. Spence Bate (1888: 363). Type species: *Platysacus crenatus* Spence Bate, 1888; by monotypy. Considered a junior synonym of *Solenocera* Lucas, 1849 by Gurney (1942); herein followed [Decapoda: Solenoceridae].
- Platyscelus**. Spence Bate (1861a: 4). Type species: *Platysceles serratus* Spence Bate, 1861; by monotypy. Also indicated as new in Spence Bate (1863a: 329). Currently valid [Amphipoda: Platyscelidae].
- pleocanthus*, *Benthesicymus*. Spence Bate (1888: 334, pl. 57, fig. 2). Type locality: 18°24'N 63°28'W, off Sombrero Island; 16°42'N 119°22'E, Philippine Islands; 37°49'N 166°47'W, North Pacific Ocean. Currently considered a junior synonym of *Benthoecetes bartletti* (Smith, 1882) [Decapoda: Benthesicymidae].
- Pleonexes**. Spence Bate (1857b: 147). Type species: *Pleonexes Gammaroides* Spence Bate, 1857. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently valid [Amphipoda: Ampithoidae].
- Pleoticus**. Spence Bate (1888: xii). Replacement name for *Philonicus* Spence Bate, 1888. Currently valid [Decapoda: Solenoceridae].
- Plesionika**. Spence Bate (1888: 640). Type species: *Plesionika uniproducta* Spence Bate, 1888; by subsequent designation in Alcock (1901). Name placed on the Official list of Generic Names in Zoology in Opinion 470 (International Commission of Zoological Nomenclature (1957)). Currently valid [Decapoda: Pandalidae].
- Plesiopenaeus*. Spence Bate (1881b: 188). Type species: *Aristeus armatus* Spence Bate, 1881; by subsequent designation in Faxon (1895). Currently considered a junior synonym of *Cerataspis* Gray, 1828 [Decapoda: Aristeidae].
- Pleustes**. Spence Bate (1858c: 362). Type species: *Pleustes tuberculata* Spence Bate, 1858; by monotypy. Currently valid [Amphipoda: Pleustidae].
- pocillimanus**, *Moera*. Spence Bate (1863a: 162, pl. 34, fig. 7). Type locality: Genoa. Currently valid as *Elasmopus pocillimanus* (Spence Bate, 1863) [Amphipoda: Maeridae].
- podager**, *Glyphocrangon*. Spence Bate (1888: 516, pl. 93, fig. 2). Type locality: 46°46'S 45°31'E, near Marion Island. Currently valid [Decapoda: Glyphocrangonidae].
- pollexiana*, *Montagua*. Spence Bate (1857b: 137). Type locality: St. Ives. Also listed as a *nomen nudum* in Spence Bate (1856c: 57, as *Montagua pollexianus*). Currently considered a junior synonym of *Metopa norvegica* (Lilljeborg, 1851) [Amphipoda: Stenothoidae].
- Pontocaris**. Spence Bate (1888: 495). Type species: *Pontocaris propensalata* Spence Bate, 1888; by subsequent designation in Holthuis (1947a). Name placed on the Official list of Generic Names in Zoology in Opinion 470 (International Commission of Zoological Nomenclature (1957)). Currently valid [Decapoda: Crangonidae].
- porrectus**, *Dyopedos*. Spence Bate (1857b: 151). Type locality: Macduff. Currently valid [Amphipoda: Dulichiidae].
- praecollus*, *Sergestes*. Spence Bate (1888: 423, pl. 77, fig. 2). Type locality: North Pacific Ocean. According to Hansen (1903) based on a *Mastigopus* stage of an unidentifiable species of *Sergestes*. Considered a *nomen dubium* in De Grave & Fransen (2011) [Decapoda: Sergestidae].
- prehensilis*, *Hyperia*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 520). Type locality: Banff.

- Currently considered a junior synonym of *Hyperoche medusarum* (Krøyer, 1838) [Amphipoda: Hyperiididae].
- prehensilis**, *Sergestes*. Spence Bate (1881b: 193). Type locality: off Japan. Currently valid as *Prehensilosergia prehensilis* (Spence Bate, 1881) [Decapoda: Sergestidae].
- procera**, *Leucothoe*. Spence Bate (1857b: 146). Type locality: Banff. Currently valid as *Leucothoe procera* Spence Bate, 1857 [Amphipoda: Leucothoidae].
- processa**, *Nika*. Spence Bate (1888: 527, pl. 95). Type locality: Amboina. Hayashi (1975) confirmed the earlier statement by Gurney (1937) that the illustrations of the species on plate 95 are not based on the single type specimen, and likely are based on one of the European *Processa* species. Hayashi (1975) and Noël (1986) also pointed out the high similarity of this taxon to the western Atlantic *Processa bermudensis* (Rankin, 1900), further hinting at the possibility of incorrect sample origin labelling. In view of this uncertainty, *Nika processa* Spence Bate, 1888 is herein considered a *nomen dubium* [Decapoda: Processidae].
- Proctetes**. Spence Bate (1888: 883). Type species: *Proctetes biangulatus* Spence Bate, 1888; by subsequent designation in Holthuis, 1955b. Currently valid [Decapoda: Pandalidae].
- productus**, *Nematocarcinus*. Spence Bate (1888: 810, pl. 132, fig. 5). Type locality: *Challenger* stn. 205, 16°42'N 119°22'E, off Luzon, Philippine Islands, 1,050 fms; stn. 195, 4°21'S 129°7'E, off Banda Island, 1,425 fms; stn. 237, 34°37'N 140°32'E, near Yokohama, Japan, 1,875 fms; stn. 176, 18°30'S 173°52'E, off the New Hebrides. Currently valid [Decapoda: Nematocarcinidae].
- profundus**, *Pontophilus*. Spence Bate (1888: 490, pl. 88, fig. 1). Type locality: 34°50'S 155°28'E, off Sydney. Currently valid as *Parapontophilus profundus* (Spence Bate, 1888) [Decapoda: Crangonidae].
- profundus**, *Sergestes*. Spence Bate (1888: 428). Type locality: 35°59'S 1°34'E; 33°42'S 78°18'W, west of Valparaiso. Currently considered a junior synonym of *Sergia remipes* Stimpson, 1860 [Decapoda: Sergestidae].
- projecta**, *Hippolyte*. Spence Bate (1888: 594, pl. 105, fig. 3). Type locality: 43°3'N 63°39'W, south of Halifax, Nova Scotia. Currently considered a junior synonym of *Lebbeus polaris* (Sabine, 1824) [Decapoda: Thoridae].
- prolificus**, *Alpheus*. Spence Bate (1888: 556, pl. 99, fig. 4). Type locality: off Honolulu, Sandwich Islands. Currently considered a junior synonym of *Synalpheus charon* (Heller, 1861) [Decapoda: Alpheidae].
- propensalata**, *Pontocaris*. Spence Bate (1888: 496, pl. 90, figs. 2, 3, pl. 85, fig. 5). Type locality: 5°49'15"S 132°14'15"E, off the Ki Islands, south of Papua. Currently valid [Decapoda: Crangonidae].
- provocatoris**, *Amphion*. Spence Bate (1888: 913, pl. 148). Type locality: Atlantic, south of the Azores. Currently considered a junior synonym of *Amphionides reynaudii* (H. Milne Edwards, 1833) [Decapoda: Pandalidae].
- proxima**, *Melita*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 344. Type locality: Banff; Plymouth. Also indicated as new in Spence Bate (1863a: 184, pl. 33, fig. 4). Currently considered a junior synonym of *Abludomelita obtusata* (Montagu, 1813) [Amphipoda: Melitidae].
- proximatus**, *Nematocarcinus*. Spence Bate (1888: 808, pl. 132, fig. 3). Type locality: *Challenger* stn. 146, 33°42'S 78°18'W, west of Valparaiso; through lectotype designation in Burukovsky (2003). Currently valid [Decapoda: Nematocarcinidae].
- punctatus**, *Anonyx*. Spence Bate (1863a: 78, pl. 13, fig. 2). Type locality: Behring's Straits. Considered a *nomen dubium* by Steele (1969) who stated that the type series belongs to an unidentified species of *Onisimus* [Amphipoda: Uristidae].
- punctatus**, *Podocerus*. Spence Bate (1857b: 148). Type locality: Northumberland. Currently valid as *Erichthonius punctatus* (Spence Bate, 1857) [Amphipoda: Podoceridae].
- pygmaeus**, *Arctus*. Spence Bate (1888: 73, pl. 10, fig. 4). Type locality: off Gomera, one of the Canary Islands, 28°35'N 16°5'W. Currently valid as *Scyllarus pygmaeus* (Spence Bate, 1888) [Decapoda: Scyllaridae].
- quadrimana**, *Opis*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 503. Type locality: off the Banffshire coast. Currently valid as *Normanion quadrimanus* (Spence Bate & Westwood, 1868) [Amphipoda: Opisidae].
- quadroculus**, *Anebocharis*. Spence Bate (1888: 722, pl. 123, fig. 1). Type locality: off Port Jackson, Australia; off Sibago, Samboangan, Philippine Islands; off Basilan Strait; off Luzon; Zebu Harbour, Philippine Islands. Larval stage of an undeterminable species of Alpheidae according to Coutière (1907); herein considered a *nomen dubium* [Decapoda: Alpheidae].
- rectacutus**, *Penaeus*. Spence Bate (1881b: 180). Type locality: among the Philippine Islands. Also indicated as new in Spence Bate (1888: 266, pl. 36, fig. 2). Currently valid as *Penaeopsis rectacuta* (Spence Bate, 1881) [Decapoda: Penaeidae].
- recurvidens**, *Platycarcinus*. Spence Bate (1865b: 663). Type locality: Esquimalt Harbour. Also indicated as new in Spence Bate (1865c: 488) and Spence Bate (1866b: 269; unnumbered Plate, fig. 4). Currently considered a junior synonym of *Glebocarcinus oregonensis* (Dana, 1852c) [Decapoda: Cancridae].
- reflexus**, *Dorodotes*. Spence Bate (1888: 678, pl. 116, fig. 3). Type locality: 4°21'S 129°7'E, near Banda Island; 16°42'N 119°22'E, Philippine Islands. Currently valid [Decapoda: Pandalidae].
- regalis**, *Glyphocrangon*. Spence Bate (1888: 517, pl. 93, figs. 3, 4). Type locality: 4°34'S 129°57'30"E, off Banda Island (see Komai (2004) for discussion of holotype status). Currently valid [Decapoda: Glyphocrangonidae].
- remipes**, *Eretmocaris*. Spence Bate (1888: 895, pl. 145, fig. 1). Type locality: North-west Pacific, south of Japan. Larval stage of an undeterminable species of *Lysmata* Risso, 1816; herein considered a *nomen dubium* [Decapoda: Lysmatidae].
- Rhomaleocaris**. Spence Bate (1888: 720). Type species: *Rhomaleocaris hamulus* Spence Bate, 1888; by monotypy. Based on a larval stage of an undeterminable species of Caridea, linked to *Latreutes* (Hippolytidae) by Gurney (1942) and Palaemonidae by Holthuis (1955b); herein considered a *nomen dubium* [Decapoda: Caridea].
- rigidus**, *Paratanais*. Spence Bate & Westwood (1866) [Spence Bate & Westwood, 1863–1868]: 141. Type locality: near Cumbrae. Currently valid [Tanaidacea: Paratanaidae].

- rimapalma*, *Naenia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 474). Type locality: Coast of Northumberland; Kames Bay, Cumbrae. Also indicated as new in Spence Bate (1863a: 272, pl. 46, fig. 3, as *N. rimapalma*). Currently considered a junior synonym of *Gammaropsis nitida* (Stimpson, 1853) [Amphipoda: Photidae].
- rimapes*, *Glyphocrangon*. Spence Bate (1888: 523, pl. 94, fig. 4). Type locality: 37°47'S 30°20'W, South Atlantic, between Buenos Ayres and Tristan da Cunha (see Rice, (1981) for a discussion of holotype status). Currently valid [Decapoda: Glyphocrangonidae].
- rissoanus*, *Phlias*. Spence Bate (1863a: 88, pl. 14a, fig. 3). Type locality: shores of Piedmont. Currently considered a junior synonym of *Pereionotus testudo* (Montagu, 1808) [Amphipoda: Phliantidae].
- rissoinae*, *Platyscelus*. Spence Bate (1863a: 329, pl. 52, fig. 9). Type locality: Pacific Ocean, 26°27'S 99°W; Coast of Malabar. Zeidler (2012) considered this a questionable synonym of *Platyscelus armatus* (Claus, 1879); herein considered a *nomen dubium* [Amphipoda: Platyscelidae].
- robertsoni*, *Bathyporeia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 307). Type locality: Cumbrae; Shetlands. Also indicated as new in Spence Bate (1863a: 173, pl. 31, fig. 5). Currently considered a junior synonym of *Bathyporeia pilosa* Lindström, 1855 [Amphipoda: Bathyporeiidae].
- rosea*, *Nephropsis*. Spence Bate (1888: 178, pl. 23, figs. 1, 2, pl. 24, fig. 1). Type locality: 32°11'7"N 65°3'20"W, off Bermuda. Currently valid [Decapoda: Nephropidae].
- rostrata*, *Hymenodora*. Spence Bate (1888: 846, pl. 136, fig. 4). Type locality: *Challenger* stn. 184, 12°8'S 145°10'E, near Torres Strait, 1,400 fms; stn. 205, 16°42'N 119°22'S, Philippine Islands, 1,050 fms; stn. 245, 36°23'N 174°31'E, North Pacific, 2,775 fms. Currently valid as *Acanthephyra rostrata* (Spence Bate, 1888) [Decapoda: Acanthephyridae].
- rostricrescentis*, *Nothocaris*. Spence Bate (1888: 653, pl. 114, fig. 1). Type locality: 5°49'15"S 132°14'15"E, off the Ki Islands, south of New Guinea. Currently valid as *Plesionika rostricrescentis* (Spence Bate, 1888) [Decapoda: Pandalidae].
- rostridentatus*, *Aristeus*. Spence Bate (1881b: 189). Type locality: near the Fiji Islands. Currently considered a junior synonym of *Aristaeomorpha foliacea* (Risso, 1827) [Decapoda: Aristeidae].
- rugosus*, *Platybema*. Spence Bate (1888: 579, pl. 104, fig. 2). Type locality: 18°38'30"N 65°5'30"W, off Culebra Island, West Indies. Currently valid as *Trachycaris rugosa* (Spence Bate, 1888) [Decapoda: Hippolytidae].
- savignyi*, *Brachycarpus*. Spence Bate (1888: 795, pl. 129, fig. 4). Type locality: Bermuda. Currently considered a junior synonym of *Brachycarpus biunguiculatus* (Lucas, 1846) [Decapoda: Palaemonidae].
- Sayi*, *Allorchestes*. Spence Bate (1863a: 39, pl. 6, fig. 5). Type locality: North America. Considered a *nomen dubium* by Della Valle (1893) [Amphipoda: Dogielinotidae].
- Scallasis*. Spence Bate (1888: 34). Type species: *Scallasis amboinae* Spence Bate, 1888; by monotypy. Currently valid [Decapoda: Callianassidae].
- Sciacaris*. Spence Bate (1888: 438). Type species: *Sciacaris telsonis* Spence Bate, 1888; by monotypy. Considered a junior synonym of *Sergestes* H. Milne Edwards, 1830b by Hansen (1903); herein followed [Decapoda: Solenoceridae].
- Scopelocheirus*. Spence Bate (1857b: 138). Type species: *Scopelocheirus crenatus* Spence Bate (1857); by monotypy. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid [Amphipoda: Scopelocheiridae].
- Seba*. Spence Bate (1863a: 159). Type species: *Seba innominate* Spence Bate, 1863; by monotypy. Currently valid [Amphipoda: Sebidae].
- semiarmsis*, *Sergestes*. Spence Bate (1888: 423, pl. 67, fig. 1). Type locality: 32°41'N 36°6'W, Mid North Atlantic. Currently considered a junior synonym of *Parasergestes diapontius* (Spence Bate, 1881) [Decapoda: Sergestidae].
- semicarيناتus*, *Gammarus*. Spence Bate (1863a: 204, pl. 36, fig. 3). Type locality: not designated. Currently considered a junior synonym of *Dikerogammarus caspius* (Pallas, 1771) [Amphipoda: Gammaridae].
- semidentatus*, *Aristeus*. Spence Bate (1881b: 189). Type locality: south of the Philippine Islands. Currently valid [Decapoda: Aristeidae].
- semilaevis*, *Plesionika*. Spence Bate (1888: 644, pl. 113, fig. 3). Type locality: Moro Gulf east of Basilan Strait, Philippines, 6°47'N 122°28'E; through lectotype designation in Chace (1985). Currently valid [Decapoda: Pandalidae].
- semiserrata*, *Megamoera*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 401). Type locality: Plymouth Sound. Also indicated as new in Spence Bate (1863a: 226, pl. 39, fig. 6). Currently valid as *Animocera docus semiserratus* (Spence Bate & Westwood, 1862) [Amphipoda: Maeridae].
- semistriatus*, *Campylonotus*. Spence Bate (1888: 768, pl. 128, figs. 1, 2). Type locality: *Challenger* stn. 309, 50°56'S 74°15'W, Puerto Bueno, Patagonia, 40 fms; stn. 305A, 47°48'30"S 74°47'0"W, Messier Channel, 125 fms; stn. 306A, 48°27'S 74°30'W, Messier Channel, 345 fms; stn. 307, 49°24'30"S 74°23'30"W, off Port Grappler, 140 fms; stn. 308, 50°8'30"S 74°41'0"W, off Tom Bay, 175 fms; stn. 310, 51°27'30"S 74°3'0"W, Sarmiento Channel, 400 fms; stn. 311, 52°45'30"S 73°46'0"W, off Port Churruca, 245 fms. Currently valid [Decapoda: Campylonotidae].
- serramarginis*, *Caricyphus*. Spence Bate (1888: 714, pl. 121, fig. 3). Type locality: Kandavu, Fiji Islands. Larval stage of an undeterminable species of Oplophoridae or Acanthephyridae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda: Caridea].
- serrata*, *Atya*. Spence Bate (1888: 699, pl. 119, fig. 2). Type locality: Valley of San Antonio, San Iago, Cape Verde Islands. Currently valid as *Atyoida serrata* (Spence Bate, 1888) [Decapoda: Atyidae].
- serrata*, *Megamoera*. Spence Bate (1863a: 226, pl. 34, fig. 5). Type locality: Flinders's and Hummock Islands, Bass Straits. Currently valid as *Ceradocus serratus* (Spence Bate, 1863) [Amphipoda: Maeridae].
- serratorbita*, *Leptocheila*. Spence Bate (1888: 859, pl. 139, fig. 1). Type locality: St. Thomas, West Indies. Currently valid [Decapoda: Pasiphaeidae].

- serratus*, *Nematocarcinus*. Spence Bate (1888: 819, pl. 132, fig. 11). Type locality: 37°34'S 179°22'E, off New Zealand. Currently considered a junior synonym of *Nematocarcinus tenuipes* Spence Bate, 1888; under First Reviser Principle by Burukovsky (2013) [Decapoda: Nematocarcinidae].
- serratus*, *Odontolophus*. Spence Bate (1888: 665). Larval stage of an undeterminable species of Palaemonidae according to Gurney (1942) and Holthuis (1955b); herein considered a *nomen dubium* [Decapoda: Palaemonidae].
- serratus*, *Oodeopus*. Spence Bate (1888: 877, pl. 142, figs. 2, 3). Type locality: New Hebrides; Sibago, Philippines and Cape Howe. Larval stage of an undeterminable species of Axiidae or Callianassidae; herein considered a *nomen dubium* [Decapoda].
- serratus*, *Penaepsis*. Spence Bate (1881b: 183). Type locality: off Barbados, Gulf of Mexico (see Pérez Farfante (1980) for discussion of type material and type locality). Currently valid as *Penaepsis serrata* Spence Bate, 1881; placed on the Official List of Specific Names in Zoology in Opinion 864 (International Commission of Zoological Nomenclature (1969)) [Decapoda: Penaeidae].
- serratus*, *Penaeus*. Spence Bate (1881b: 182). Type locality: Challenger stn. 173, off Matuku, Fiji Islands, 19°09'35"S 179°41'50"E; through lectotype designation in Pérez Farfante (1980). Junior secondary homonym of *Penaepsis serratus* Spence Bate, 1881; replaced by De Man (1911) with *Penaepsis challengerii*; name permanently invalid under Article 59.3 (International Commission of Zoological Nomenclature (1999)) [Decapoda: Penaeidae].
- Serratus*, *Platyscelus*. Spence Bate (1861a: 4, pl. 2, figs. 3, 4). Type locality: not designated. Also indicated as new in Spence Bate (1863a: 330, pl. 52, figs. 10, 11). Currently considered a junior synonym of *Platyscelus ovoides* (Risso, 1816) [Amphipoda: Platyscelidae].
- Sestertius*. Spence Bate (1888: 477). Type species: *Sestertius duplicidentis* Spence Bate, 1888; by monotypy. Based on a larval stage of undeterminable species of Axiidea or Gebiidea according to Gurney (1939); herein considered a *nomen dubium* [Decapoda].
- shetlandica*, *Liljeborgia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 206. Type locality: near Whalsey Lighthouse; Outer Skerries Harbour, Shetland. Currently considered a junior synonym of *Cheirocratus sundevallii* (Rathke, 1843) [Amphipoda: Cheirocratidae].
- sica*, *Acanthephyra*. Spence Bate (1888: 739, pl. 125, fig. 1). Type locality: Challenger stn. 168, 40°28'S 177°43'E, off New Zealand, 100 fms; stn. 40, 34°51'N 68°30'W, north-west of Bermuda, 2,675 fms; stn. 159, 47°25'S 130°22'E, south of Australia, 2,150 fms; stn. 169, 37°34'S 179°22'E, near New Zealand, 700 fms; stn. 170, 29°55'S 178°14'W, off the Kermadec Islands, 520 fms; stn. 170A, 29°45'S 178°11'W, near the Kermadec Islands, 630 fms; stn. 181, 13°50'S 151°49'E, between Australia and the Solomon Islands, 2,440 fms; stn. 194, 4°34'0"S 129°57'30"E, off Banda Island, 200 fms; stn. 230, 26°29'N 137°57'E, south of Japan, 2,425 fms; 235, 34°7'N 138°0'E, south of Japan, 565 fms; stn. 318, 42°32'S 56°29'W, north of the Falkland Islands, 2,040 fms. Currently valid [Decapoda: Acanthephyridae].
- simplex*, *Phoxus*. Spence Bate (1858a: 525). Replacement name for *Phoxus Krøyerii* Spence Bate (1857), a junior homonym of *Phoxus krøyeri* Stimpson, 1853. Currently valid as *Metaphoxus simplex* (Spence Bate, 1858) [Amphipoda: Phoxocephalidae].
- speciosus*, *Hemipenaeus*. Spence Bate (1881b: 186). Type locality: Atlantic, off the coast of South America. Currently valid as *Pseudaristeus speciosus* (Spence Bate, 1881) [Decapoda: Aristeidae].
- spinicorne*, *Corophium*. Spence Bate (1863a: 281, pl. 46, fig. 5). Type locality: Plymouth; Yarmouth; Cumbrae. Junior homonym of *Corophium spinicorne* Stimpson, 1857. Currently considered a junior synonym of *Crassicorophium crassicornis* (Bruzelius, 1859) [Amphipoda: Corophiidae].
- spinidorsalis*, *Hemipenaeus*. Spence Bate (1881b: 186). Type locality: South Atlantic, near the island of Tristan d'Acunha. Currently valid [Decapoda: Aristeidae].
- spinidorsalis*, *Lestrigonus*. Spence Bate (1878a: 411, fig. 2). Type locality: Aberdeen. Currently considered a junior synonym of *Themisto compressa* (Goës, 1866) [Amphipoda: Hyperiidae].
- spinipes*, *Cirolana*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, 1863–1868]: 299. Type locality: Dublin Bay; Belfast Bay; Brighton; Yorkshire coast; Moray Frith. Currently considered a junior synonym of *Natatalana borealis* (Lilljeborg, 1851) [Isopoda: Cirolanidae].
- spinipes*, *Plesionika*. Spence Bate (1888: 646, pl. 113, fig. 2). Type locality: 1°54'0"S 146°39'40"E, north of New Guinea. Currently valid [Decapoda: Pandalidae].
- spiniserratus*, *Nothocaris*. Spence Bate (1888: 663, pl. 132, fig. 1). Type locality: 46°53'15"S 75°12'0"E, Port Otway, Messier Channel. Currently considered a junior synonym of *Austropandalus grayi* (Cunningham, 1871) [Decapoda: Pandalidae].
- spiniventralis*, *Sergestes*. Spence Bate (1888: 426, pl. 67, fig. 5). Type locality: North Pacific Ocean. Also indicated as *Mastigopus spiniventralis* new in Spence Bate (1888: 379, pl. 67, fig. 4; as *Mastigopus spiniventralis* a with Western Pacific Ocean as type locality). Considered a questionable junior synonym of *Parasergestes vigilax* (Stimpson, 1860) by De Grave & Fransen (2011); herein considered a *nomen dubium* [Decapoda: Sergestidae].
- Spirontocaris*. Spence Bate (1888: 595). Type species: *Cancer spinus* Sowerby, 1805 [Sowerby, 1804–1806]; by monotypy. Currently valid [Decapoda: Thoridae].
- spongiosus*, *Typton*. Spence Bate (1868b: 119, pl. 11, fig. 1). Type locality: not designated. Also indicated as new in Spence Bate (1868d: 283, pl. 3, fig. 1; as *T. spongiosum*) Currently considered a junior synonym of *Typton spongicola* Costa, 1844 [Decapoda: Palaemonidae].
- Stereomastis*. Spence Bate (1888: 154). Type species: *Pentacheles suhmi* Spence Bate, 1878 [Spence Bate, 1878c]; by subsequent designation in Holthuis (1962); placed on the Official Index of Generic Names in Zoology in Opinion 702 (International Commission of Zoological Nomenclature (1964)). Currently valid [Decapoda: Polychelidae].
- Stimpsoni*, *Caprella*. Spence Bate (1863a: 361). Type locality: back of Duck Island Ledge, Grand Manan. Currently considered a junior synonym of *Caprella septentrionalis* (Krøyer, 1838) [Amphipoda: Caprellidae].

- Stimpsoni*, *Iphimedia*. Spence Bate (1863a: 374). Type locality: Australia, at Port Jackson. Currently valid [Amphipoda: Iphimediidae].
- Stimpsoni*, *Monoculodes*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 168). Type locality: Plymouth. Also indicated as new in Spence Bate (1863a: 105, pl. 17, fig. 3). Currently considered a junior synonym of *Kroyera carinata* Spence Bate (1857) [Amphipoda: Oedicerotidae].
- stimpsoni*, *Thalassocaris*. Spence Bate (1888: 684, pl. 117, fig. 2). Type locality: Japan, near Yokohama; Fiji Islands. Currently considered a junior synonym of *Thalassocaris lucida* (Dana, 1852b) [Decapoda: Pandalidae].
- Stimpsonia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 284). Type species: *Stimpsonia chelifera* Spence Bate & Westwood, 1862; by monotypy. Also indicated as new in Spence Bate (1863a: 162). Junior homonym of *Stimpsonia* Girard, 1853 (Nemertea). Currently considered a junior synonym of *Microdeutopus* Costa, 1853 [Amphipoda: Aoridae].
- Stochasmus*. Spence Bate (1888: 822). Type species: *Stochasmus exilis* Spence Bate, 1888; by monotypy. Currently considered a junior synonym of *Nematocarcinus* A. Milne-Edwards, 1881 [Decapoda: Nematocarcinidae].
- stylofrontalis*, *Kyptocaris*. Spence Bate (1888: 690, pl. 121, fig. 1). Type locality: off Sibago, Samboangan, Philippine Islands. Larval stage of an undeterminable species of possibly Pandalidae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda].
- stylorostratis*, *Bentheocaris*. Spence Bate (1888: 726, pl. 123, fig. 4). Type locality: 21°38'N 44°39'W, mid North Atlantic. Currently valid as *Acanthephyra stylorostratis* (Spence Bate, 1888) [Decapoda: Acanthephyridae].
- stylorostris*, *Eretmocarid*. Spence Bate (1888: 898, pl. 145, fig. 3). Type locality: off Cape Verde Islands. Larval stage of an undeterminable species of *Lysmata* Risso, 1816; herein considered a *nomen dubium* [Decapoda: Lysmatidae].
- subcarinatus*, *Gammarus*. Spence Bate (1863a: 205, pl. 35, fig. 5). Type locality: Behring's Straits. Currently valid as *Spinulogammarus subcarinatus* (Spence Bate, 1863) [Amphipoda: Anisogammaridae].
- subterraneus*, *Crangonyx*. Spence Bate (1859c: 238). Type locality: Ringwood. Also indicated as new in Spence Bate (1859e: 165). Currently valid [Amphipoda: Crangonyctidae].
- suhmi*, *Elaphocaris* Spence Bate (1888: text fig. 49). Type locality: not indicated. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- suhmi*, *Mastigopus*. Spence Bate (1888: 378, pl. 66, fig. 2). Type locality: North Atlantic Ocean. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- suhmi*, *Nephropsis*. Spence Bate (1888: 181, pl. 23, fig. 3, pl. 24, fig. 2). Type locality: 5°41'S 134°4'30"E, off Dobba, Arrou Island. Currently valid [Decapoda: Nephropidae].
- Suhmi*, *Pentacheles*. Spence Bate (1878c: 278). Type locality: 47°48'S 74°48'W, on the west coast of Patagonia. Currently valid as *Stereomastis suhmi* (Spence Bate, 1878) [Decapoda: Polychelidae].
- Sulcator*. Spence Bate (1854: 504). Replacement name for *Bellia* Spence Bate (1851). Currently considered a junior synonym of *Haustorius* Müller, 1775 [Amphipoda: Haustoriidae].
- Sunamphitoë*. Spence Bate (1857b: 147). Type species: *Sunamphitoë hamulus* Spence Bate, 1857; herein designated; see text for discussion. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Currently valid as *Sunamphitoe* Spence Bate, 1857 [Amphipoda: Ampithoidae].
- sydneyensis*, *Astacopsis*. Spence Bate (1888: 204, pl. 27, fig. 2). Type locality: Sydney, Australia. Currently considered a junior synonym of *Euastacus spinifer* (Heller 1865) [Decapoda: Parastacidae].
- Synalpheus*. Spence Bate (1888: 572). Type species: *Synalpheus falcatus* Spence Bate, 1888; by monotypy. Currently valid [Decapoda: Alpheidae].
- Synaxes*. Spence Bate (1881a: 220). Type species: *Synaxes hybridica* Spence Bate, 1881; by monotypy. Currently considered a junior synonym of *Phyllamphion* Reinhardt, 1849 [Decapoda: Palinuridae].
- Systellaspis*. Spence Bate (1888: 757). Type species: *Systellaspis lanceocaudata* Spence Bate, 1888; by monotypy. Currently valid [Decapoda: Opolophoridae].
- tauriformis*, *Hyperia*. Spence Bate & Westwood (1868) [Spence Bate & Westwood, 1863–1868]: 519). Type locality: Banff. Currently considered a junior synonym of *Hyperoche medusarum* (Krøyer, 1838) [Amphipoda: Hyperiididae].
- Telluris*, *Orchestia*. Spence Bate (1863a: 20, pl. 3, fig. 6, pl. 4, fig. 4). Type locality: New Zealand. Currently valid as *Aotearorchestia telluris* (Spence Bate, 1863) [Amphipoda: Talitridae].
- telsodecakanthus*, *Penaeus*. Spence Bate (1881b: 182). Type locality: channels of the Japanese islands. Considered a *nomen dubium* by Doflein (1902) [Decapoda: Penaeidae].
- telsonis*, *Sciacaris*. Spence Bate (1888: 438, pl. 78, fig. 1). Type locality: North of New Guinea. Larval stage of an undeterminable species of Sergestidae according to Hansen (1903); herein considered a *nomen dubium* [Decapoda: Sergestidae].
- tenellus*, *Penaeus*. Spence Bate (1888: 257, pl. 34, fig. 2). Type locality: 34°39'N 135°14'E, Bay of Kobe, Japan. Currently valid as *Batepenaeopsis tenella* (Spence Bate, 1888) [Decapoda: Penaeidae].
- tenuimana*, *Acanthacaris*. Spence Bate (1888: 171, pls. 21–22; as *Phoberus tenuimanus* in text). Type locality: 5°41'S 134°4'30"E, south of New Guinea. Currently valid [Decapoda, Nephropidae].
- tenuimana*, *Orphanina*. Spence Bate (1888: 872, pl. 141, fig. 4). Type locality: 38°34'N 72°10'W, south-east of New York. Currently considered a junior synonym of *Parapasiphae sulcatifrons* Smith, 1884 [Decapoda: Pasiphaeidae].
- tenuimanus*, *Gammarus*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 384). Type locality: mouth of the rivers Ness and Brauly. Also indicated as new in Spence Bate (1863a: 214, pl. 38, fig. 2). Currently valid as *Maerella tenuimana* (Spence Bate & Westwood, 1862) [Amphipoda: Maeridae].
- tenuipes*, *Cratippus*. Spence Bate (1863a: 276, pl. 46, fig. 10). Type locality: Banff. Currently considered a junior synonym of *Colomastix pusilla* Grube, 1861 [Amphipoda: Colomastigidae].

- tenuipes**, *Nematocarcinus*. Spence Bate (1888: 812, pl. 132, fig. 6). Type locality: *Challenger* stn 235, 34°07'N 138°0'E, south of Japan, 565 fms; stn. 218, 2°33'S 144°04'E, near the Admiralty Islands, 1,070 fms; stn. 232, 35°11'N 139°28'E, Japan, 345 fms. Currently valid [Decapoda: Nematocarcinidae].
- tenuipes**, *Tropiocaris*. Spence Bate (1888: 836, pl. 136, fig. 2). Type locality: 12°8'S 145°10'E. Currently valid as *Acanthephyra tenuipes* (Spence Bate, 1888) [Decapoda: Acanthephyridae].
- tenuirostris**, *Caradina*. Spence Bate (1864: 501, pl. 40, fig. 4). Type locality: Gulf St. Vincent. Junior homonym of *Hippolyte tenuirostris* H. Milne Edwards, 1837 [H. Milne Edwards, 1834–1840]; replaced by Holthuis (1947b) with *Hippolyte caradina* [Decapoda: Hippolytidae].
- tenuirostris**, *Nematocarcinus*. Spence Bate (1888: 817, pl. 132, fig. 10). Type locality: *Challenger* stn. 174c, 19°7'50"S 178°19'35"E, off Kandavu, Fiji Islands, 610 fms; stn. 214, 4°33'N 127°6'E, south of the Philippine Islands, 500 fms. Currently valid [Decapoda: Nematocarcinidae].
- tenuis**, *Caradina*. Spence Bate (1866a: 28, pl. 2, fig. 1). Type locality: Plymouth. Currently considered a junior synonym of *Hippolyte varians* Leach, 1814 [Leach, 1813–1815] [Decapoda: Hippolytidae].
- tenuis**, *Hectarthropus*. Spence Bate (1888: 893, pl. 144, fig. 6). Type locality: probably near the Cape Verde Islands. Larval stage of an undeterminable species of *Processa* Leach, 1815 [Leach, 1813–1815]; herein considered a *nomen dubium* [Decapoda: Processidae].
- tenuis**, *Hetairus*. Spence Bate (1888: 613, pl. 109, fig. 3). Type locality: 43°3'N 63°39'W, south of Halifax, Nova Scotia. Currently considered a junior synonym of *Lebbeus polaris* (Sabine, 1824) [Decapoda: Thoridae].
- tenuis**, *Sergestes*. Spence Bate (1888: 233, text figs. 43–45). Type locality: North of New Guinea, and on the voyage along the Marianne Islands. Also indicated as *Mastigopus tenuis* in Spence Bate (1888: 428, pl. 65, fig. 4). Herein considered a *nomen dubium* [Decapoda: Sergestidae].
- terebrans**, *Sphaeroma*. Spence Bate (1866a: 28, pl. 2, fig. 5). Type locality: Brazil. Currently valid [Isopoda: Sphaeromatidae].
- Tetromatus**. Spence Bate (1857b: 139). Type species: *Tetromatus typicus* Spence Bate, 1857; by original designation under Article 68.2.2 (International Commission of Zoological Nomenclature (1999)). Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Ampelisca Krøyer, 1842* [Amphipoda: Ampeliscidae].
- Thalascaris**. Spence Bate (1878c: 282). Type species: *Glyphocrangon rimapes* Spence Bate, 1888; by subsequent designation in Holthuis (1971). Placed on the Official Index of Rejected and Invalid Generic Names in Zoology in Opinion 1012 (International Commission of Zoological Nomenclature (1974)) [Decapoda: Glyphocrangonidae].
- Thamyris**. Spence Bate (1863a: 335). Type species: *Thamyris antipodes* Spence Bate, 1863, by monotypy. Currently considered a junior synonym of *Brachyscelus* Spence Bate, 1861 [Amphipoda: Brachyscelidae].
- Thersites**. Spence Bate (1857b: 146). Type species: *Thersites pelagica* Spence Bate, 1857; by present designation. Also listed as a *nomen nudum* in Spence Bate (1856c: 59). Junior homonym of *Thersites* Pfeiffer, 1855 (Mollusca). Currently considered a junior synonym of *Bathyporeia Lindström, 1855* [Amphipoda: Bathyporeidae].
- thomsoni**, *Nephrops*. Spence Bate (1888: 185, pls. 25–26). Type locality: 12°43'N 122°9'E, between Samboangan and Manila; through lectotype designation in Balss (1914). Currently valid as *Metanephrops thomsoni* (Spence Bate, 1888) [Decapoda: Nephropidae].
- tomentosus**, *Aristeus*. Spence Bate (1881b: 189). Type locality: south of the Philippine Islands. Currently considered a junior synonym of *Aristeus virilis* (Spence Bate, 1881); under First Reviser Principle by Wood-Mason & Alcock (1891) [Decapoda: Aristeidae].
- transitionalis**, *Ophthalmeryon*. Spence Bate (1889: 67, pl. 9). Type locality: not stated. Herein considered a *nomen dubium* [Decapoda: Aristeidae].
- tridentatus**, *Eurystheus*. Spence Bate (1857b: 143). Type locality: Plymouth; Macduff. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently considered a junior synonym of *Gammaropsis maculata* (Johnston, 1828) [Amphipoda: Photidae].
- trigonocheirus**, *Orchestia*. Spence Bate (1863a: 26, pl. 4, fig. 6). Type locality: not stated. Currently considered a junior synonym of *Orchestia mediterranea* A. Costa, 1853 [Amphipoda: Talitridae].
- Tropiocaris**. Spence Bate (1888: 834). Type species: *Tropiocaris planipes* Spence Bate, 1888; by original designation. Currently considered a junior synonym of *Ephyrina Smith, 1885* [Decapoda: Acanthephyridae].
- Tropirinus**. Spence Bate (1888: 750). *Nomen nudum*, no species included; considered a junior synonym of *Ephyrina Smith, 1885* by Holthuis (1955b) [Decapoda: Acanthephyridae].
- truncatula**, *Eudora*. Spence Bate (1856a: 457, pl. 14, fig. 3). Type locality: within the Breakwater, Plymouth Sound. Currently valid as *Eudorella truncatula* (Spence Bate, 1856) [Cumacea: Leuconidae].
- truncifrons**, *Caradina*. Spence Bate (1864: 499, pl. 40, fig. 2). Type locality: St. Vincent's Gulf. Currently considered a junior synonym of *Latreutes compressus* (Stimpson, 1860) [Decapoda: Hippolytidae].
- tuberculata**, *Pleustes*. Spence Bate (1858c: 362). Type locality: not indicated. Currently valid as *Pleustes (Pleustes) tuberculatus* Spence Bate, 1858 [Amphipoda: Pleustidae].
- tuberculatus**, *Arctus*. Spence Bate (1888: 70, pl. 10, figs. 1, 2). Type locality: between New Guinea and Australia, 8°56'S 136°5'E. Currently considered a junior synonym of *Petrarctus rugosus* (H. Milne Edwards, 1837) [Decapoda: Scyllaridae].
- tuberculatus**, *Chorismus*. Spence Bate (1888: 617, pl. 110, fig. 2). Type locality: 46°41'S 38°10'E, off Marion Island. Currently valid [Decapoda: Hippolytidae].
- tuberculatus**, *Oxycephalus*. Spence Bate (1863a: 343, pl. 54, fig. 5). Type locality: Cape of Good Hope. Regarded as an undeterminable species (*nomen dubium*) by Zeidler (1999) [Amphipoda: Oxycephalidae].

- tuberculosa*, *Naenia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 472). Type locality: Plymouth; Oxwich Bay, Glamorgan; Tenby; Banff. Also indicated as new in Spence Bate (1863a: 271, pl. 46, fig. 2). Currently considered a junior synonym of *Gammaropsis sophiae* (Boeck, 1861) [Amphipoda: Photidae].
- turgidus*, *Caricyphus*. Spence Bate (1888: 717, pl. 121, fig. 5). Type locality: China Sea, off Luzon. Larval stage of an undeterminable species of Opolophoridae or Acanthephyridae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda: Caridea].
- tynitelsonis*, *Acanthosoma*. Spence Bate (1888: 369, pl. 64, fig. 2). Type locality: Western Pacific Ocean. Larval stage of an undeterminable species of Sergestidae; herein considered a *nomen dubium* [Decapoda: Sergestidae].
- typicus**, *Tetromatus*. Spence Bate (1857b: 139). Type locality: Moray Frith; Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid as *Ampelisca typica* (Spence Bate, 1857) [Amphipoda: Ampeliscidae].
- ultima*, *Caprella*. Spence Bate (1863a: 364, pl. 57, fig. 9). Type locality: Borneo. Currently considered a junior synonym of *Caprella equilibra* Say, 1818 [Amphipoda: Caprellidae].
- undata*, *Naenia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 477). Type locality: Coast of Northumberland. Also indicated as new in Spence Bate (1863a: 272, pl. 46, fig. 5). Currently considered a junior synonym of *Gammaropsis sophiae* (Boeck, 1861) [Amphipoda: Photidae].
- undulatipes**, *Nematocarcinus*. Spence Bate (1888: 801, pl. 130). Type locality: 6°47'N 122°28'E, off Sibago, Philippine Islands; through lectotype designation in Burukovsky (2002). Currently valid [Decapoda: Nematocarcinidae].
- unguiculata**, *Cuma*. Spence Bate (1859a: 273). Type locality: not designated. Currently valid as *Nannastacus unguiculatus* (Spence Bate, 1859) [Cumacea: Nannastacidae].
- unidens**, *Plesionika*. Spence Bate (1888: 648, pl. 113, fig. 4). Type locality: 1°54'0"S 146°39'40"E, north of New Guinea. Currently valid [Decapoda: Pandalidae].
- unidentatus**, *Latreutes*. Spence Bate (1888: 586, pl. 89, fig. 6). Type locality: off Sibago, Samboangan, Philippine Islands. Currently valid [Decapoda: Hippolytidae].
- uniproducta*, *Plesionika*. Spence Bate (1888: 641, pl. 113, fig. 1). Type locality: 9°5'S 34°50'W, off Barra Grande. According to Crosnier & Forest (1973) the female syntype is a specimen of *Plesionika ensis* (A. Milne-Edwards, 1881) and the male syntype belongs to *Plesionika martia* (A. Milne-Edwards, 1883). To confound matters, the whole drawing of a specimen on pl. 113 (Fig. 1) is, according to them, a composite of both specimens. To clear up this confusion, the female specimen is herein selected as the lectotype, thus making *P. uniproducta* Spence Bate, 1888 a junior synonym of *P. ensis* (A. Milne Edwards, 1881) [Decapoda: Pandalidae].
- unirecedens*, *Nauticaris*. Spence Bate (1888: 608, pl. 110, fig. 1). Type locality: Hong Kong. Currently considered a junior synonym of *Lysmata vittata* (Stimpson, 1860) [Decapoda: Lysmatidae].
- utrinquedens*, *Sergestes*. Spence Bate (1888: 433). Type locality: North Pacific Ocean. Considered a *nomen dubium* in De Grave & Franses (2011) [Decapoda: Sergestidae].
- vagans**, *Campylonotus*. Spence Bate (1888: 775, pl. 122, fig. 3). Type locality: 50°8'30"S 74°41'0"W, off Tom Bay, Patagonia. Currently valid [Decapoda: Campylonotidae] (Fig. 3E).
- vastator*, *Sphaeroma*. Spence Bate (1866a: 28, pl. 2, fig. 4). Type locality: Madras. Currently considered a junior synonym of *Sphaeroma terebrans* Spence Bate, 1866 under First Reviser Principle by Stebbing (1904) [Isopoda: Sphaeromatidae].
- Vauntomponia**. Spence Bate (1858e: 102). Type species: *Vauntomponia cristata* Spence Bate, 1858e; by monotypy. Currently valid as *Vaunthompsonia* Spence Bate, 1858; [Cumacea: Bodotriidae] (see above).
- vedlomensis**, *Dexamine*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 242). Type locality: Vedlom Voe, the Shetlands. Currently valid as *Nototropus vedlomensis* (Spence Bate & Westwood, 1862) [Amphipoda: Atylidae].
- veloculus*, *Athanas*. Spence Bate (1888: 529, pl. 96, fig. 1). Type locality: Cape Verde Islands. Currently considered a junior synonym of *Athanas nitescens* (Leach, 1814) [Leach, 1813–1815] [Decapoda: Alpheidae].
- Venilia*. Spence Bate (1856a: 460). Type species: *Venilia gracilis* Spence Bate, 1856. Junior homonym of *Venilia* Duponchel, 1829 (Lepidoptera), *Venilia* Morton, 1833 (Mollusca), *Venilia* Alder, 1844 (Mollusca). Replaced by Spence Bate (1856b) with *Cyrianassa* [Cumacea: Leuconidae].
- ventridentatus*, *Sergestes*. Spence Bate (1888: 431). Type locality: North of the Sandwich Islands. Currently considered a junior synonym of *Sergia tenuiremis* (Krøyer, 1855) [Decapoda: Sergestidae].
- verdense*, *Phyllosoma*. Spence Bate (1888: 98, pl. 12d, fig. 2z). Type locality: St. Vincent, Cape Verde Islands. Larval stage of an undeterminable species of Achelata; herein considered a *nomen dubium* [Decapoda: Achelata].
- verdi*, *Ibaccus*. Spence Bate (1888: 58; pl. 7, fig. 2; pl. 8). Type locality: St. Vincent, Cape Verde Islands; through lectotype designation in Holthuis (1985); see also discussion of erroneous type locality in Holthuis (1985). Currently considered a synonym of *Ibacus brevipes* Spence Bate, 1888; under First Reviser principle by Holthuis (1985) [Decapoda: Scyllaridae].
- versiculatus**, *Lembos*. Spence Bate (1857b: 142). Type locality: Plymouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid as *Microdeutopus versiculatus* (Spence Bate, 1857) [Amphipoda: Aoridae].
- versipellis*, *Diaphoropus*. Spence Bate (1888: 687, pl. 117, fig. 3). Type locality: off Cape Howe, Australia. Larval stage of an undeterminable species of Alpheidae according to Coutière (1907); herein considered a *nomen dubium* [Decapoda: Alpheidae].
- villosus**, *Atylus*. Spence Bate (1863a: 135, pl. 24, fig. 1). Type locality: Hermit Island. Currently valid [Amphipoda: Atylidae].
- virilis**, *Hemipenaeus*. Spence Bate (1881b: 187). Type locality: near the Philippine Islands. Currently valid as *Aristeus virilis* (Spence Bate, 1881) [Decapoda: Aristeidae].
- vorax*, *Anonyx*. Spence Bate (1863a: 77). Stimpson manuscript name; not available under Article 11.6 (International Commission of Zoological Nomenclature (1999)), as published in synonymy of *Anonyx lagena* (Krøyer, 1838) (now *Anonyx nugax* (Phipps, 1774)) [Amphipoda: Uristidae].

- wakishiana*, Joera. Spence Bate (1865b: 667). Type locality: Esquimalt Harbour. Also indicated as new in Spence Bate (1865c: 491) and Spence Bate (1866b: 282). Currently valid as *Jaera* (*Jaera*) *wakishiana* Spence Bate, 1865 [Isopoda: Janiridae].
- Websterii*, Lembos. Spence Bate (1857b: 142). Type locality: Falmouth. Also listed as a *nomen nudum* in Spence Bate (1856c: 58). Currently valid [Amphipoda: Aoridae].
- Westwoodia*. Spence Bate (1857b: 139). Type species: *Westwoodia caecula* Spence Bate, 1857; by monotypy. Also listed as a *nomen nudum* in Spence Bate (1856c: 58, as *Westwoodea*). Junior homonym of *Westwoodia* Dana, 1853 (Copepoda); replaced with *Westwoodilla* by Spence Bate & Westwood (1861–1863) [Amphipoda: Oedicerotidae].
- Westwoodilla*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 154. Also indicated as new in Spence Bate (1863a: 102). Replacement name for *Westwoodia* Spence Bate (1857). Currently valid [Amphipoda: Oedicerotidae].
- Whiteana*, *Monimia*. Spence Bate, 1857g: 91. *Nomen nudum*; see Spence Bate & Westwood, (1863–1868: 330); therein considered a synonym of *Munna whiteana* Spence Bate & Westwood, 1867 [Isopoda: Munnidae].
- whiteana*, *Munna*. Spence Bate & Westwood (1867) [Spence Bate & Westwood, (1863–1868: 329)]. Type locality: Weymouth; Cumbrae. Currently considered a junior synonym of *Munna kroyeri* Goodsir, 1842 [Isopoda: Munnidae].
- Whitei*, *Protomedeia*. Spence Bate & Westwood (1862) [Spence Bate & Westwood, 1861–1863]: 300. Type locality: Banff. Also indicated as new in Spence Bate (1863a: 169, pl. 31, fig. 2). Currently considered a junior synonym of *Cheirocratus sundevallii* (Rathke, 1843) [Amphipoda: Cheirocratidae].
- Whitei*, *Rhabdosoma*. Spence Bate (1863a: 345, pl. 54, fig. 7). Type locality: not designated. Currently valid [Amphipoda: Oxycephalidae].
- Willemoesii*, *Archaeastacus*. Spence Bate (1884a: 307, pl. 10). Also indicated as new in Spence Bate (1884b: 511) and Spence Bate (1888: 117; Fig. 29). Currently considered a junior synonym of *Coleia crassichelis* (Woodward, 1866) [Decapoda: Polychelidae].
- Xylaphocaris*. Spence Bate (1888: 218). *Nomen nudum*, no species included; considered a junior synonym of *Sergestes* H. Milne Edwards, 1830b by Gurney (1942) [Decapoda: Sergestidae].
- Zoontocaris*. Spence Bate (1888: 473). Type species: not designated. Based on a larval stage of an undeterminable species of Galatheidae according to Gurney (1942); herein considered a *nomen dubium* [Decapoda: Galatheidae].

ACKNOWLEDGEMENTS

Shane Ahyong is acknowledged for enduring lengthy discussions about A. Dubois' *nomina* principle, whilst Peter Ng provided advice on some of the trickier nomenclatorial issues discussed herein. Bridget Gillard and John Maltby (Devonshire Association) are thanked for providing the photo of Spence Bate. The four anonymous reviewers and the Editor-in-Chief are acknowledged for their input.

REFERENCES

- Ahyong, S.T. & Brown, D.E. 2002. New species and new records of Polychelidae from Australia (Crustacea: Decapoda). *Raffles Bulletin of Zoology*, **50**: 53–79.
- Alcock, A. 1901. *A descriptive catalogue of the Indian deep-sea Crustacea Decapoda Macrura and Anomala, in the Indian Museum. Being a revised account of the deep-sea species collected by the Royal Indian Marine Survey Ship Investigator*. Indian Museum, Calcutta [= Kolkata].
- Almón, B., Cuesta, J.A., Schubart, C.D., Armenia, L. & García Raso, J.E. 2021. Redescription of the hermit crab *Diogenes pugilator* (Decapoda: Anomura) reveals the existence of a species complex in the Atlanto-Mediterranean transition zone, resulting in the resurrection of *D. curvimanus* and the description of a new species. *Zoological Journal of the Linnean Society*, **195**: 1116–1146.
- Anonymous. 1864. Art. IV. Report of the thirty-third meeting of the British Association for the Advancement of Science. Newcastle Daily Chronicle Office. 1863. *The British Quarterly Review*, **39**(77): 86–120.
- Anonymous. 1868. Bulletin bibliographique. *Comptes rendus hebdomadaires des Séances de l'Académie des Sciences*, **67**: 595.
- Anonymous. 1884. Bulletin bibliographique. *Comptes rendus hebdomadaires des Séances de l'Académie des Sciences*, **99**: 998–999.
- Anonymous. 1889. Obituary. Charles Spence Bate. *Geological Magazine*, **6**: 526–528.
- Anonymous. 1890. Charles Spence Bate, Obituary notices of Fellows deceased. *Proceedings of the Royal Society*, **46**: xli–xlii.
- Audouin, V. 1826. Explication sommaire des planches de Crustacés de l'Égypte et de la Syrie, publiées par Jules-César Savigny, membre de l'Institut; offrant un exposé des caractères naturels des genres, avec la distinction des espèces. In: Savigny, J.C., *Description de l'Égypte, ou recueil des observations et des recherches qui ont été faites en Égypte pendant l'expédition de l'armée française, publiée par les ordres de sa Majesté l'Empereur Napoléon le Grand*, Vol. 1(4): 77–98, pls. 1–13. Imprimerie impériale, Paris.
- Bacescu, M. & Holthuis, L.B. 1988. Case 2643. *Iphinoe* Bate, 1856 (Crustacea, Cumacea): proposed conservation. *Bulletin of Zoological Nomenclature*, **45**(4): 267–269.
- Balss, H. 1914. Ostasiatische Decapoden II. Die Natantia und Reptantia. *Abhandlungen der Mathematisch-Physikalischen Klasse der Königlich Bayerischen Akademie der Wissenschaften*, **10**(Supplement 2): 1–101, pl. 1.
- Balss, H. 1938. Die Dekapoda Brachyura von Dr. Sixten Bocks Pazifik-Expedition 1917–1918. *Göteborgs Kungliga Vetenskaps-och Vitterhets-Samhälles Handlingar, Femte Följden*, Series B, **5**(7): 1–85, pls. 1–2.
- Barnard, J.L. 1969. The families and genera of marine gammaridean Amphipoda. *Bulletin of the United States National Museum*, **271**: 1–531.
- Barnard, J.L. & Karaman, G. 1991. The families and genera of marine gammaridean Amphipoda (except marine gammaroids). *Records of the Australian Museum*, **Supplement 13**: 1–866.
- Bell, T. 1844–1853. *A history of the British stalk-eyed Crustacea*. John van Voorst, London.
- Biffar, T.A. 1973. Biological results of the University of Miami deep-sea expeditions. 98. The taxonomic status of *Callianassa occidentalis* Bate, 1888 and *C. batei* Borradaile, 1903 (Decapoda, Callianassidae). *Crustaceana*, **24**: 224–230.
- Boase, G.C. & Courtney, W.P. 1874. *Bibliotheca Cornubiensis. A catalogue of the writings, both manuscript and printed, of Cornishmen, and of works relating to the County of Cornwall with bibliographical memoranda and copious literary references*, Vol. I, A–O. Longmans, Green, Reader, and Dyer, London.
- Boeck, A. 1861. Bemaerkninger angaaende de ved de norske Kyster forekommene Amphipoder. *Forhandlinger ved Skandinaviske Naturforskeres Ottende Møde, i Kiøbenhavn*, **8**: 631–677.
- Boeck, A. 1864. Beskrivelse og fremlagde Tegninger af 4 norske Decapoder, undersøgte af Overlaege Danielssen og ham. *Forhandlinger i Videnskabs-Selskabet i Christiania*, **1863**: 189–190.

- Boeck, A. 1871. Crustacea amphipoda borealia et arctica. *Forhandlinger i Videnskabs-Selskabet i Christiania*, **1870**: 83–280.
- Bonnier, J. 1890. Les amphipodes du Boulonnais. II. *Microprotopus maculatus* Norman. III. *Cressa dubia* Spence Bate. *Bulletin scientifique de la France et de la Belgique*, **12**: 288–315, pls. 8–10.
- Borradaile, L.A. 1903. On the classification of the Thalassinidea. *Annals and Magazine of Natural History*. *Annals and Magazine of Natural History*, Ser. 7, **12**: 534–551, 638.
- Boschma, H. 1960. The generic name *Carcinocystus*. *Crustaceana*, **1**: 374–375.
- Bouvier, E.L. 1905. Sur les Pénéides et les Sténopides recueillis par les expéditions françaises et monégasques dans l'Atlantique oriental. *Comptes rendus hebdomadaires des Séances de l'Académie des Sciences*, **140**: 980–983.
- Bouvier, E.L. 1917. Crustacés décapodes (Macroures marcheurs) provenant des campagnes des yachts *Hirondelle* et *Princesse-Alice* (1885–1915). *Résultats des Campagnes scientifiques Accomplies sur son Yacht par Albert I, Prince souverain de Monaco*, **50**: 1–140, pls. 1–11.
- Boyko, C.B. & De Grave, S. 2023. *Gossea* Spence Bate & Westwood, 1862 (Amphipoda) and *Gossea* Agassiz, 1862 (Cnidaria: Hydrozoa): reversal of presumed precedence and review of the complicated nomenclatural history. *Crustaceana*, **96**: 791–796.
- Bracken-Grissom, H.D., Felder, D.L., Vollmer, N.L., Martin, J.W. & Crandall, K.A. 2012. Phylogenetics links monster larva to deep-sea shrimp. *Ecology and Evolution*, **2**: 2367–2373.
- Brandt, J.F. 1848. Die Gattung *Lithodes* Latreille nebst vier neuer ihr verwandten von Wosnessenski entdeckten, als Typen einer besondern Unter abtheilung (Tribus Lithodea) der Edward'shen Anomuren. *Bulletin de la Classe physico-mathématique de l'Académie Impériale des Sciences de Saint Pétersbourg*, **7**: 171–176.
- Brandt, J.F. 1853. Ueber eine neue Art der Gattung *Cryptolithodes* (*Cryptolithodes sitchensis*). *Bulletin de la Classe physico-mathématique de l'Académie Impériale des Sciences de Saint Pétersbourg*, **11**: 254.
- Bruzelius R.M. 1859. Bidrag till Kännedomen om Skandinavians Amphipoda Gammaridea. *Kongliga Svenska Vetenskaps-Akademiens Handlingar*, n.f., **3**: 1–104, pls. 1–4.
- Buchholz, R. 1874. Crustaceen. In: *Die zweite Deutsche Nordpolarfahrt in den Jahren 1869 und 1870, unter Führung des Kapitän Koldwey/ herausgegeben von dem Verein für die deutsche Nordpolarfahrt in Bremen*, **2**: 262–399, pls. 1–15.
- Burkenroad, M.D. 1936. The Aristaeinae, Solenocerinae and pelagic Penaeinae of the Bingham Oceanographic collection. *Bulletin of the Bingham Oceanographic Collection*, **5**: 1–151.
- Burukovsky, R.N. 2000. Taxonomy of *Nematocarcinus* (Decapoda, Nematocarcinidae). 1. Description of disto-ventral organ and revision of *N. productus*, *N. tenuipes*, *N. intermedius*, *N. parvidentatus*, *N. longirostris*, and *N. proximus*. *Zoologicheskii Zhurnal*, **79**: 161–170 [in Russian].
- Burukovsky, R.N. 2002. Taxonomy of *Nematocarcinus* (Decapoda, Nematocarcinidae). Results of reinvestigating the collection of the Indo-Pacific *Nematocarcinus* from the National Museum of Natural History (Washington, USA). *Zoologicheskii Zhurnal*, **81**: 5–12 [in Russian].
- Burukovsky, R.N. 2003. *Shrimps of the family Nematocarcinidae*. Kaliningrad Izdatelistovo KGGU, Kaliningrad, Russia [in Russian].
- Burukovsky, R.N. 2007. Systematics of *Nematocarcinus* (Decapoda, Nematocarcinidae) shrimps: On the taxonomic status of *N. gracilis* type specimens. *Zoologicheskii Zhurnal*, **86**: 802–812 [in Russian].
- Burukovsky, R.N. 2013. Shrimps of the family Nematocarcinidae Smith, 1884 (Crustacea, Decapoda, Caridea) from Taiwan and the Philippines collected by the TAIWAN, PANGLAO 2005 and AURORA expeditions in the western Pacific. In: *Tropical Deep-Sea Benthos*, 27 (S.T. Ah Yong, T.-Y. Chan, L. Corbari & P.K.L. Ng, eds), *Mémoires du Muséum national d'Histoire naturelle*, **204**: 155–189.
- Calman, W.T. 1906. Notes on some genera of the crustacean family Hippolytidae. *Annals and Magazine of Natural History*, Series 7, **17**(97): 29–34.
- Calman, W.T. 1939. Crustacea: Caridea. *The John Murray Expedition 1933-1934, Scientific Reports*, **6**: 183–224.
- Chace, F.A. Jr. 1940. Plankton of the Bermuda Oceanographic Expeditions. IX. The bathypelagic caridean Crustacea. *Zoologica, New York*, **25**: 117–209.
- Chace, F.A. Jr. 1985. The caridean shrimps (Crustacea: Decapoda) of the Albatross Philippine Expedition, 1907–1910, Part 3: Families Thalassocarididae and Pandalidae. *Smithsonian Contributions to Zoology*, **411**: 1–143.
- Chan, T.-Y. 2010. Annotated checklist of the world's marine lobsters (Crustacea: Decapoda: Astacidea, Glypheidea, Achelata, Polychelida). *Raffles Bulletin of Zoology, Supplement 23*: 153–181.
- Chevreaux, E. & Fage, L. 1925. Amphipodes. *Faune de France*, **9**: 1–488.
- Clark, P.F. 2018. Charles Spence Bate: what's in a name? *Zootaxa*, **4497**: 429–438.
- Claus, C. 1879. Die Gattungen und Arten der Platysceliden in Systematischer Übersicht. *Arbeiten aus dem Zoologischen Institut der Universität zu Wien und der Zoologischen Station Triest*, **2**: 1–52.
- Clément, C. 1874. Description d'un pagure nouveau. *Bulletin de la Société d'Étude des Sciences naturelles de Nîmes*, **2**: 155–157.
- Cornalia, E. & Panceri, P. 1861. Osservazioni zoologiche ed anatomiche spora un nuovo genere di isopodo sedentari (*Gyge branchialis*). *Memorie della Reale Accademia di Scienze di Torino, Serie 2*, **19**: 85–118.
- Costa, A. 1853. Recherche sui crostacei anfipodi del regno di Napoli. *Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche*, n.s., **2**: 167–178.
- Costa, A. 1871. Specie del genere *Pandalus* rinvenute nel Golfo di Napoli. *Annuario del Museo Zoologico della R. Università di Napoli*, **6**: 89–92, pl. 2.
- Costa, O.G. 1844. Su due nuovi generi di Crostacei decapodi macrouri. *Annali delle Accademie degli Aspiranti Naturalisti, Napoli*, **2**: 285–292.
- Coutière, H. 1907. Sur quelques formes larvaires énigmatiques d'Eucyphotes, provenant des collections de S.A.S. le Prince de Monaco. *Bulletin de l'Institut Océanographique, Monaco*, **104**: 1–70.
- Crosnier, A. 1987. Les espèces indo-ouest-pacifiques d'eau profonde du genre *Metapenaeopsis* (Crustacea, Decapoda Penaeidae). *Bulletin du Muséum national d'Histoire naturelle (4) Section A, Zoologie, Biologie et Écologie animales*, **9**: 409–453.
- Crosnier, A. & Forest, J. 1973. Les crevettes profondes de l'Atlantique Oriental Tropical. *Faune Tropicale*, **19**: 1–409.
- Cunningham, R.O. 1871. Notes on the reptiles, Amphibia, fishes, Mollusca, and Crustacea obtained during the voyage of H.M.S. Nassau in the years 1866-1869. *Transactions of the Linnean Society of London*, **27**: 465–502, pls. 58, 59.
- Dana, J. D. 1851. Conspectus crustaceorum quae in orbis terrarum circumnavigatione, Carolo Wilkes e classe Reipublicae Faederatae duce, lexit et descripsit. Pars VI. *The American Journal of Science and Arts*, Series 2, **11**: 268–274.
- Dana, J.D. 1852a. Conspectus crustaceorum quae in orbis terrarum circumnavigatione, Carolo Wilkes e classe Reipublicae Faederatae Duce, lexit et descripsit Jacobus D. Dana, Pars III. *Proceedings of the American Academy of Arts and Sciences*, **2**: 201–220.
- Dana, J.D. 1852b. Conspectus crustaceorum, &c. Conspectus of the Crustacea of the exploring expedition under Capt. C. Wilkes, U.S.N. Macrourea. *Proceedings of the Academy of Natural Sciences of Philadelphia*, **6**: 10–28.
- Dana, J.D. 1852c. Conspectus crustaceorum, &c. Conspectus of the Crustacea of the Exploring Expedition under Capt. Wilkes, U.S.N., including the Crustacea Cancroidea Corystoidea. *Proceedings of the Academy of Natural Science of Philadelphia*, **6**: 73–86.
- Dana, J.D. 1853. *United States Exploring Expedition during the years 1838, 1839, 1840, 1841, 1842, under the Command of Charles Wilkes, U.S.N.*, **Vol. 13**. Crustacea. Part II: 691–1618. C. Sherman, Philadelphia.
- DeArce, M. 2012. The natural history review (1854–1865). *Archives of Natural History*, **39**: 253–269.
- De Grave, S. & Fransen, C.H.J.M. 2011. Carideorum catalogus: the recent species of the dendrobranchiate, stenopodidean, procarididean and

- caridean shrimps (Crustacea: Decapoda). *Zoologische Mededelingen*, **85**: 195–589.
- De Haan, W. 1833–1850. Crustacea. In: von Siebold, P.F., *Fauna Japonica sive Descriptio Animalium, quae in Itinere per Japoniam, Jussu et Auspiciis Superiorum, qui Summum in India Batava Imperium Tenent, Suspecto, Annis 1823-1830 Collegit, Notis, Observationibus et Adumbrationibus Illustravit*. Lugduni-Batavorum [= Leiden], The Netherlands.
- Della Valle, A. 1893. Gammarini del golfo di Napoli. *Fauna und Flora des Golfes von Neapel und der angrenzenden Meeres-Abschnitte*, **20**: 1–948, pls. 1–61.
- De Man, J.G. 1911. The Decapoda of the Siboga Expedition. Part I. Family Penaeidae. *Siboga Expeditie Monographie*, **39a**: 1–131.
- De Man, J.G. 1920. The Decapoda of the Siboga Expedition. Part IV. Families Pasiphaeidae, Styrodactylidae, Hoplophoridae, Nematocarcinidae, Thalassocaridae, Pandalidae, Psalidopodidae, Gnathophyllidae, Processidae, Glyphocrangonidae and Crangonidae. *Siboga Expeditie Monographie*, **39a3**: 1–318, pls. 1–25.
- de Saussure, H. 1858. Mémoire sur divers Crustacés nouveaux des Antilles et du Mexique. *Mémoires de la Société physique et d'Histoire naturelle de Genève*, **14**: 417–496, pls. 1–4.
- Doflein, F. 1902. Ostasiatische Dekapoden. *Abhandlungen der Bayerischen Akademie der Wissenschaften, München*, **21**: 613–670, pls. 1–6.
- Dubois, A. 2008. Authors of zoological publications and nomina are signatures, not persons. *Zootaxa*, **1771**: 63–68.
- Duncan, F.M. 1937. On the dates of publication of the Society's 'Proceedings', 1859–1926. With an appendix containing the dates of publication of 'Proceedings', 1830–1858, compiled by the late F.H. Waterhouse, and of the 'Transactions', 1833–1869, by the late Henry Peavot, originally published in P.Z.S. 1893, 1913. *Proceedings of the Zoological Society of London*, **107**: 71–84.
- Evenhuis, N.L. 2003. Publication and dating of the journals forming the Annals and Magazine of Natural History and the Journal of Natural History. *Zootaxa*, **385**: 1–68.
- Fabricius, J.C. 1775. *Systema Entomologiae, sistens Insectorum Classes, Ordines, Genera, Species, adjectis Synonymis, Locis, Descriptionibus, Observationibus*. Kortii, Flensburgi & Lipsiae [Flensburg & Leipzig].
- Fabricius, J.C. 1779. *Reise nach Norwegen mit Bemerkungen aus der Naturhistorie und Oekonomie*. Carl Ernst Bohn, Hamburg.
- Fabricius, J.C. 1787. *Mantissa Insectorum Sistens Eorum Species Nuper Detectas Adjectis Characteribus Genericis Differentiis Specificis, Emendationibus, Observationibus*. Vol. 1. Impensis Christ. Gottl. Proft., Hafniae [= Copenhagen].
- Fabricius, J.C. 1798. *Supplementum Entomologiae Systematicae*. Proft & Storch, Hafniae [= Copenhagen].
- Faxon, W. 1895. Reports on an exploration off the west coasts of Mexico, Central and South America, and off the Galapagos Islands, in charge of Alexander Agassiz, by the U.S. Fish Commission Steamer "Albatross," during 1891, Lieut.-Commander Z.L. Tanner, U.S.N., commanding. XV. The Stalked Crustacea. *Memoirs of the Museum of Comparative Zoology at Harvard College*, **18**: 1–280, pls. A–H, 34–51.
- Forest, J. 1996. Henri Milne Edwards (23 October 1800 – 29 July 1885). *Journal of Crustacean Biology*, **16**: 208–213.
- Forskål, P. 1775. *Descriptiones Animalium, Avium, Amphibiorum, Piscium, Insectorum, Vermium; quae in Itinere Orientali Observavit Petrus Forskål. Post Mortem Auctoris editit Carsten Niebuhr. Adjuncta est materia Medica Kahirina*. Mölleri, Hafniae [= Copenhagen].
- Fowler, H.W. 1912. The Crustacea of New Jersey. *Annual Report of the New Jersey State Museum*, **1911**: 29–650, pls. 1–150.
- Frogia, C. & Clark, P.F. 2011. The forgotten Narrative of H.M.S. Challenger and the implications for decapod nomenclature. *Zootaxa*, **2788**: 45–56.
- Galil, B.S. 2000. Crustacea Decapoda: review of the genera and species of the family Polychelidae Wood-Mason, 1874. In: *Résultats des campagnes MUSORSTOM*, Vol. **21** (A. Crosnier, ed.). *Mémoires du Muséum national d'Histoire naturelle*, **184**: 285–387.
- Gerstfeldt, G. 1859. Über einige zum Teil neuen Arten von Platoden, Anneliden, Myriapoden und Crustaceen Sibiriens. Namentlich seines östlichen theiles und des Amur-gebietes. *Mémoires présentés à l'Académie impériale des Sciences de St. Petersbourg*, **8**: 259–296.
- Gissler, C.F. 1882. *Bopyroides latreuticola*, a new species of isopod crustacean parasitic on a gulfweed shrimp. *American Naturalist*, **16**: 591–594.
- Gledhill, T. 1980. Designation and description of the lectotype of *Niphargus fontanus* Bate. *Crustaceana*, **Supplement 6**: 27–37.
- Goës, A. 1864. Crustacea decapoda podophthalma marina Sueciae, interpositis speciebus norvegicus aliisque vicinis, enumerat. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, **20**[1863]: 161–180.
- Goës, A. T. 1866. Crustacea amphipoda maris Spetsbergiam alluentis cum speciebus aliis arcticis enumerat. *Öfversigt af Kongelige Vetenskaps-Akademiens Förhandlingar*, **8**: 517–536, pls 36–41.
- Goodsir, H.D.S. 1842. Descriptions of some new crustacean animals found in the Firth of Forth. *Edinburgh New Philosophical Journal*, **33**: 363–368, pl. 6.
- Goodsir, H.D.S. 1843. Description of the genus *Cuma*, and of two new genera nearly allied to it. *Edinburgh New Philosophical Journal*, **34**: 119–130.
- Gopala Menon, P. 1972. Decapod Crustacea from the International Indian Ocean Expedition: the larval development of *Heterocarpus* (Caridea). *Journal of Zoology, London*, **167**: 371–397.
- Gray, J. E. 1828–1830. *Spicilegia zoologica; or, original figures and short systematic descriptions of new and unfigured animals*. Treüttel, Würtz & Co. & Wood.
- Grube, A.E. 1861. *Ein Ausflug nach Triest und dem Quarnero. Beiträge zur Kenntniss der Thierwelt dieses Gebietes*. Nicolaische Verlagsbuchhandlung, Berlin.
- Grube, A.E. 1864. *Die Insel Lussin und ihre Meeresfauna. Nach einem Sechswöchentlichen Aufenthalte*. F. Hirt, Breslau, Germany.
- Guérin, F. E. 1825. Thémisto. In: *Encyclopédie Méthodique Histoire Naturelle. Entomologie, ou histoire naturelle des Crustacés, des Arachnides et des Insectes*, vol. 10 (Latreille, M., ed.), pp. 772–774, **Tom 10**. Agasse, Paris.
- Guérin, F. E. 1832–1835. I.re Classe. Crustacés. In: *Expédition Scientifique de Morée. Section des Sciences Physiques. Tome III. — I.re Partie. Zoologie. Deuxième Section. — Des animaux articulés* (A. Brullé, ed.), pp. 30–50 [1832], pl. 27 [21835]. F. G. Levrault, Paris.
- Guérin-Ménéville, F.E. 1836. Description de quelques genres nouveaux des Crustacés appartenant à la famille des Hypérines. *Magasin de Zoologie*, **6**: 1–10, pls. 17–18.
- Gurney, R. 1937. Notes on some decapod Crustacea from the Red Sea. I. The genus *Processa*. *Proceedings of the Zoological Society of London*, **107**: 85–98, pls. 1–6.
- Gurney, R. 1939. Bibliography of the larvae of decapod Crustacea. *Ray Society Monograph*, **125**: 1–123.
- Gurney, R. 1942. Larvae of decapod Crustacea. *Ray Society Monograph*, **129**: 1–306.
- Hansen, H.J. 1903. On the crustaceans of the genera *Petalidium* and *Sergestes* from the 'Challenger', with an account of luminous organs in *Sergestes challengerii*, n. sp. *Proceedings of the Zoological Society of London*, **1903**: 52–79, pls. 11–12.
- Harpley, W. 1889. Obituary Notices. I. Charles Spence Bate. *Report and Transactions of the Devonshire Association for the advancement of Science, Literature and Art*, **21**: 60–64.
- Haswell, W.A. 1882. Description of some new species of Australian Decapoda. *Proceedings of the Linnean Society of New South Wales*, **6**: 750–763.
- Haworth, A.H. 1825. A new binary arrangement of the macrurous Crustacea. *Philosophical Magazine and Journal*, **65**: 183–184.
- Hayashi, K.-I. 1975. The Indo-West Pacific Processidae (Crustacea, Decapoda, Caridea). *Journal of the Shimonoseki University of Fisheries*, **24**: 47–145.
- Heller, C. 1861. Beiträge zur Crustaceen-Fauna des rothen Meeres. Zweiter Theil. *Sitzungsberichte der Mathematisch-Naturwissenschaftlichen Classe der Kaiserlichen Akademie der Wissenschaften*, **44**: 241–295, pls. 1–3.
- Heller, C. 1865. Crustaceen. Reise der Österreichischen Fregatte *Novara* um die Erde, in den Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorff-Urbair, *Zoologischer Theil*. Kaiserlich-Königliche Hof- und Staatsdruckerei, Wien.

- Heller, C. 1866. Beiträge zur näheren Kenntniss der Amphipoden des Adriatischen Meeres. *Denkschriften der Kaiserlichen Akademie der Wissenschaften, Mathematisch-naturwissenschaftliche Klasse*, **26**: 1–62, pls 1–4.
- Hemming, F. 1957. On the question of the status of the specific name “*gordiana*” Bate, 1859, as published in the combination “*Hippolyte gordoniana*.” *Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature*, **16**(9): 190–192.
- Herbst, J.F.W. 1791-1796. *Versuch einer Naturgeschichte der Krabben und Krebse nebst einer systematischen Beschreibung ihrer verschiedenen Arten. Zweyter Band*. Gottlieb August Lange, Berlin und Stralsund.
- Hess, W. 1865. Beiträge zur Kenntnis der Decapoden-Krebse Ost-Australiens. *Archiv für Naturgeschichte*, **31**: 127–173, pls. 6–8.
- Hesse, E. 1864. *Mémoire sur les pranzites et les ancées et sur les moyens curieux à l'aide desquels certains crustacés parasites assurent la conservation de leur espèce*. Imprimerie Imperiale, Paris.
- Holthuis, L.B. 1946. Biological results of the Snellius expedition. XIV. The Decapoda Macrura of the Snellius expedition. I. The Stenopodidae, Nephropsidae, Scyllaridae and Palinuridae. *Temminckia*, **7**: 1–178, pls. 1–11.
- Holthuis, L.B. 1947a. Nomenclatorial notes on European macrurous Crustacea Decapoda. *Zoologische Mededeelingen*, **27**: 312–322.
- Holthuis, L.B. 1947b. The Decapoda of the Siboga Expedition. Part IX. The Hippolytidae and Rhynchocinetidae collected by the Siboga and Snellius expeditions with remarks on other species. *Siboga Expeditie*, **39a8**: 1–100.
- Holthuis, L.B. 1952. The Crustacea Decapoda Macrura of Chile. Reports of the Lund University Chile Expedition 1948-49, **Vol. 5**. *Lunds Universitets Årsskrift (N. F.) (= Kungliga Fysiografiska Sällskapets Handlingar, N.F. Bd 62 (10))*, **47**: 1–110.
- Holthuis, L.B. 1955a. Proposed addition to the “Official List of Generic Names in Zoology” of the names of one hundred and two genera of Caridea (Class Crustacea, Order Decapoda), including proposals for the use of the plenary powers (a) to validate the emendation to “*Gnathophyllum*” of the generic name “*Gnathophyllum*” Latreille, 1814, and (b) to validate the family-group names “Hippolytidae” Bate, 1888 and “Eugonatonotidae” Chace, 1937. *Bulletin of Zoological Nomenclature*, **11**: 204–228.
- Holthuis, L.B. 1955b. The recent genera of the caridean and stenopodidean shrimps (Class Crustacea, order Decapoda, supersection Natantia) with keys for their determination. *Zoologische Verhandelingen*, **26**: 1–157.
- Holthuis, L.B. 1959. Results of the re-examination of the type specimens of some species belonging to the subfamilies Pontoniinae and Palaemoninae (Crustacea Decapoda Macrura). *Zoologische Mededeelingen*, **36**: 193–200.
- Holthuis, L.B. 1960. Proposed addition of the generic name *Jasus* Parker, 1883, to the Official List of Generic Names in Zoology (Class Crustacea, Order Decapoda). *Bulletin of Zoological Nomenclature*, **17**: 193–196.
- Holthuis, L.B. 1962. *Stereomastis* Bate, 1888 (Crustacea Decapoda), proposed validation under the plenary powers. *Bulletin of Zoological Nomenclature*, **19**: 182–183.
- Holthuis, L.B. 1971. Biological results of the University of Miami deep-sea Expeditions. 75. The Atlantic shrimps of the deep-sea genus *Glyphocrangon* A. Milne-Edwards, 1881. *Bulletin of Marine Science*, **21**: 267–373.
- Holthuis, L.B. 1977. The dates of publication of C. Spence Bate and J.O. Westwood’s “A history of British sessile-eyed Crustacea.” *Crustaceana*, **33**: 313–316.
- Holthuis, L.B. 1985. A revision of the family Scyllaridae (Crustacea Decapoda Macrura). I. Subfamily Ibacinae. *Zoologische Verhandelingen*, **218**: 1–130.
- Hope, F.G. 1851. *Catalogo dei crostacei Italiani e di moltri altri del Mediterraneo*. Stabilimento Tipografico di Fr. Azzolino Vico Gerolomini, Napoli.
- Houston, J. 1834. *Descriptive catalogue of the preparations in the Museum of the Royal College of Surgeons in Ireland, Vol. I. Anatomy*. Hodges and Smith, Dublin.
- Humphreys, J.D. 1845. The Mollusca, Crustacea and Echinodermata. In: *Contributions towards a fauna and flora of the County of Cork, read at the meeting of the British Association held at Cork in the year 1843*. Van Voorst, London and Purcell & Co., Cork.
- International Commission of Zoological Nomenclature (ICZN). 1957. Opinion 470. Addition to the Official list of Generic Names in Zoology of the names of one hundred and two genera of Caridea (Class Crustacea, Order Decapoda) and use of the plenary powers for various purposes in connection therewith. *Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature*, **16**(9): 129–202.
- International Commission of Zoological Nomenclature (ICZN). 1961. Opinion 612. *Jasus* Parker, 1883 (Crustacea, Decapoda); added to the Official List. *Bulletin of Zoological Nomenclature*, **18**: 312–315.
- International Commission of Zoological Nomenclature (ICZN). 1963. Opinion 671. *Lebbeus* White, 1847, and *Eualus* Thallwitz, 1892 (Crustacea, Decapoda): validated under the plenary powers. *Bulletin of Zoological Nomenclature*, **20**: 279–280.
- International Commission of Zoological Nomenclature (ICZN). 1964. Opinion 702. *Stereomastis* Bate, 1888 (Crustacea, Decapoda): validated under the plenary powers. *Bulletin of Zoological Nomenclature*, **21**: 111–112.
- International Commission of Zoological Nomenclature (ICZN). 1969. Opinion 864. Penaeid generic names (Crustacea, Decapoda): Addition of twenty-eight to the Official List. *Bulletin of Zoological Nomenclature*, **25**: 138–147.
- International Commission of Zoological Nomenclature (ICZN). 1974. Opinion 1012. *Thalascaris* Bate, 1878 (Crustacea, Decapoda): suppressed under the plenary powers. *Bulletin of Zoological Nomenclature*, **30**: 169–170.
- International Commission of Zoological Nomenclature (ICZN). 1990. Opinion 1593. *Iphinoe* Bate, 1856 (Crustacea, Cumacea): conserved. *Bulletin of Zoological Nomenclature*, **47**: 150–151.
- International Commission of Zoological Nomenclature (ICZN). 1999. *International Code of Zoological Nomenclature*, Edn. 4. The International Trust for Zoological Nomenclature and The Natural History Museum, London.
- International Commission of Zoological Nomenclature (ICZN). 2009. Opinion 2217 (Case 3389). *Heterocarpus gibbosus* Bate, 1888 (Crustacea, Decapoda, Pandalidae): replacement of the holotype by a neotype. *Bulletin of Zoological Nomenclature*, **66**: 91–92.
- Johnson, J.Y. 1868. Descriptions of a new genus and a new species of macrurous decapod crustacean belonging to the Penaeidae, discovered at Madeira. *Proceedings of the Zoological Society of London*, **1867**: 895–901.
- Johnston, G. 1828. Contributions to the British fauna. *Zoological Journal*, **3**: 175–180.
- Just, J. & Wilson, G.D.F. 2004. Revision of the *Paramunna* complex (Isopoda: Asellota: Paramunnidae). *Invertebrate Systematics*, **18**: 377–466.
- Kappel, A.W. 1896. *General index to the first twenty volumes of the Journal (Zoology), and the Zoological Portion of the Proceedings, November 1838 to 1890, of the Linnean Society*. Taylor & Francis, London.
- Karaman, G.S. 1971. Zum problem der *Seba* arten: *Seba aloe* n. sp. und *Seba armata* (Chevreux) (Fam. Sebidae). *Memorie del Museo Civico di Storia Naturale di Verona*, **19**: 73–90.
- Kemp, S. 1906. On the occurrence of the genus *Acantheephyra* in deep water off the West Coast of Ireland. *Scientific Investigations. Department for Agriculture and Technical Instructions for Ireland. Fishery Branch*, **1**[1905]: 1–28, pls. 1–2.
- Kinahan, M.D. 1858. On the genus *Scorpionura* (J.V. Thompson, MSS.). *The Natural History Review*, **5**: 202–205 [exact publication date not resolved; set to 31 December 1858 per Article 21.3.2 (International Commission of Zoological Nomenclature, 1999)].
- Kingsley, J.S. 1880. On a collection of Crustacea from Virginia, North Carolina, and Florida, with a revision of the genera of Crangonidae and Palaemonidae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, **31**: 383–427, pl. 14.
- Komai, T. 2004. A review of the Indo-West Pacific species of the genus *Glyphocrangon* A. Milne-Edwards, 1881 (excluding the *G. caeca* species group) (Crustacea: Decapoda: Caridea: Glyphocrangonidae). In: *Tropical Deep-Sea Benthos*, Volume 23 (B. Marshall & B. Richer de Forges, eds.). *Mémoires du Muséum national d’Histoire naturelle*, **191**: 375–610.

- Komai, T. 2008. A world-wide review of species of the deep-water crangonid genus *Parapontophilus* Christoffersen, 1988 (Crustacea, Decapoda, Caridea), with descriptions of ten new species. *Zoosystema*, **30**: 261–332.
- Komai, T. & Tsuchida, S. 2012. Rediscovery and redescription of a sponge-associated axiid shrimp, *Eiconaxius acutifrons* Bate, 1888 (Crustacea: Decapoda: Axiidea). *Zootaxa*, **3393**: 27–40.
- Krapp-Schickel, T. & Sorbe, J.-C. 2006. *Apherusa delicata* n. sp., a new suprabenitic amphipod (Crustacea, Eusiroidea, Calliopidae) from the northern Bay of Biscay, with a discussion of the genus. *Organisms, Diversity & Evolution*, **6**: 57–65.
- Krøyer, H. 1838. Grönlands Amphipoder. *Det Kongelige Danske Videnskabernes Selskabs Naturvidenskabelige og Mathematisk Afhandlinger*, Series 4, **7**: 229–326, pls. 1–4.
- Krøyer, H. 1841a. Fire nye arter af slægten *Cuma* Edw. *Naturhistorisk Tidsskrift*, **3**: 503–535.
- Krøyer, H. 1841b. Udsigt over de nordiske arter af slægten *Hippolyte*. *Naturhistorisk Tidsskrift*, **3**: 570–579.
- Krøyer, H. 1842. Nye nordiske slægter og arter af amphipodernes orden, henholdende til familien Gammarina. (Forelobigt uddrag af et større arbejde). *Naturhistorisk Tidsskrift*, Series 1, **4**: 141–166.
- Krøyer, H. 1845. Carcinologiske Bidrag. *Naturhistorisk Tidsskrift*, Series 2, **1**: 283–345, pls. 2, 3.
- Krøyer, H. 1855. Bidrag til Kundskab om Kraebdyrslægten *Sergestes* Edw. *Oversigt over det Kongelige danske Videnskabernes Selskabs Forhandlinger*, **1855**: 22–34.
- Landeira, J.M., Chan, T.-Y., Aguilar-Soto, N., Jiang, G.-C. & Yang, C.-H. 2014. Description of the decapodid stage of *Plesionika narval* (Fabricius, 1878) (Decapoda: Caridea: Pandalidae) identified by DNA barcoding. *Journal of Crustacean Biology*, **34**: 377–387.
- Latreille, P.A. 1825–1828. *Histoire naturelle. Entomologie, ou histoire naturelle des Crustacés, des Arachnides et des Insectes*. Agasse Imprimeur-Libraire, Paris.
- Laubitz, D.R. 1977. A revision of the genera *Dulichia* Krøyer and *Paradulichia* Boeck (Amphipoda, Podoceridae). *Canadian Journal of Zoology*, **55**: 942–982.
- Leach, W.E. 1813–1815. Crustaceology. In: Brewster, D. (ed.), *The Edinburgh Encyclopaedia*, **Vol. 7**(1): 383–384 [1813], **Vol. 7**(2): 385–437, 765–766 [1814], **Vol. 9**(1): pl. 222 [1815].
- Li, X., Chan, T.-Y. & Ng, P.K.L. 2007. Case 3389. *Heterocarpus gibbosus* Bate, 1888 (Crustacea, Decapoda, Pandalidae): proposed replacement of the holotype by a neotype. *Bulletin of Zoological Nomenclature*, **64**: 155–159.
- Lilljeborg, W. 1851. Norges Crustacéer. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, **8**: 19–25.
- Lilljeborg, W. 1865. On the *Lysianassa magellanica* H. Milne Edwards, and on the Crustacea of the suborder Amphipoda and subfamily Lysianassina found an [sic] the coast of Sweden and Norway. *Nova Acta Regiae Societatis Scientiarum Upsaliensis*, **6**(1): 1–38, pls. 1–5.
- Lindström, G. 1855. Bidrag till Kännedomen om Östersjöns Invertebrata-Fauna. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar, Stockholm*, **12**: 49–73.
- Linnaeus, C. 1758. *Systema Naturae per Regna Tria Naturae, Secundum Classes, Ordines, Genera, Species, cum Characteribus, Differentiis, Synonymis, Locis*. **Vol. 1**, Edn. 10. Reformata. Laurentii Salvii, Holmiae [= Stockholm].
- Low, M.E.Y. & Evenhuis, N.L. 2013. Dates of publication of the Zoology parts of the *Report of the Scientific Results of the Voyage of H.M.S. Challenger During the Years 1873–76*. *Zootaxa*, **3701**: 401–420.
- Low, M.E.Y., Monaghan, N.T. & Holmes, J.M.C. 2012. The Brachyura described by John Robert Kinahan, and a discussion on Kinahan's overlooked authorship of the family-group name Litocheiridae (Crustacea: Decapoda). *Zootaxa*, **3559**: 44–52.
- Lucas, H. 1846. Crustacés, arachnides, myriapodes, et hexapodes. *Exploration Scientifique de l'Algérie pendant les années 1840, 1841, 1842. Sciences physiques. Zoologie I. Histoire Naturelle des Animaux Articulés*, **Vol. 1**, pp. 1–403, pls. 1–8.
- Lucas, H. 1849. Observations sur quelques espèces nouvelles de Crustacés qui habitent les possessions françaises du nord de l'Afrique. *Revue et Magasin de Zoologie Pure et Appliquée, Series 2*, **1**: 298–300.
- Lund, N.T. 1793. Lagttagelser til insekternes Historie. I. Slægten *Scyllarus*. *Skrifter af naturhistorie Selskabet Kjobenhaven*, **2**: 17–22, pl. 1.
- Manning, R.B. & Felder, D.L. 1991. Revision of the American Callianassidae (Crustacea: Decapoda: Thalassinidea). *Proceedings of the Biological Society of Washington*, **104**: 764–792.
- Melville, A.G. 1857. Carcinological notes: being a list of the Crustacea Podophthalmia of Galway marine districts, chiefly made during the summer of 1850. *The Natural History Review*, **4**: 151–153.
- Miers, E.J. 1879. On a collection of Crustacea made by Capt. H.C. St. John, R.N., in the Korean and Japanese Seas. *Proceedings of the Zoological Society of London*, **1879**: 18–61, pls. 1–3.
- Milne-Edwards, A. 1881. Description de quelques crustacés macroures provenant des grandes profondeurs de la Mer des Antilles. *Annales des Sciences naturelles, Zoologie, Série 6*, **11**: 1–16.
- Milne-Edwards, A. 1883. *Recueil de figures de crustacés nouveaux ou peu connus*, lère livraison. Paris.
- Milne Edwards, H. 1828. Mémoires sur quelques Crustacés nouveaux. *Annales des Sciences Naturelles, Série 1*, **13**: 287–301.
- Milne Edwards, H. 1830a. Extrait de recherches pour servir à l'histoire naturelle des crustacés amphipodes. *Annales des Sciences Naturelles*, **20**: 353–399, pls. 10, 11.
- Milne Edwards, H. 1830b. Description des genres *Glaucothoe*, *Sicyonie*, *Sergeste* et *Acete*, de l'ordre des Crustacés Décapodes. *Annales des Sciences Naturelles*, **19**: 333–352.
- Milne Edwards, H. 1833. Note sur une nouveau genre de Crustacés de l'ordre des Stomatopodes. *Annales de la Société Entomologique de France*, **1**: 336–340.
- Milne Edwards, H. 1834–1840. *Histoire Naturelle des Crustacés, Comprenant l'Anatomie, la Physiologie et la Classification de ces Animaux*. Encyclopédique Roret, Paris.
- Milne Edwards, H. 1848. Note sur un nouveau genre de crustacés décapodes. *Annales des Sciences Naturelles, Série 3*, **9**: 192.
- Molina, G.I. 1782. *Saggio sulla storia naturale del Chile, del Signor Abate Giovanni Ignazio Molina*. Bologna, Italy.
- Montagu, G. 1804. Description of several marine animals found on the south coast of Devonshire. *Transactions of the Linnean Society, London*, **7**: 61–85, pls. 6, 7.
- Montagu, G. 1808. Description of several marine animals found on the south coast of Devonshire. *Transactions of the Linnean Society of London*, **9**: 81–114, pls. 2–8.
- Montagu, G. 1813. Descriptions of several new or rare animals, principally marine, discovered on the south coast of Devonshire. *Transactions of the Linnean Society of London*, **11**: 1–26, pls. 1–5.
- Müller, P.L.S. 1775. *Des Ritters Carl von Linné vollständiges Natursystem nach der zwölften lateinischen Ausgabe und nach Anleitung des holländischen Houttuynischen Werks mit einer ausführlichen Erklärung. Sechster Theil, Vol. 1*. Raspe, Nürnberg.
- Ng, P.K.L., Guinot, D. & Davie, P.J.F. 2008. Systema Brachyurorum: Part I. An annotated checklist of the extant Brachyuran crabs of the world. *Raffles Bulletin of Zoology, Supplement 17*: 1–1286.
- Noël, P. 1986. Crustacés Décapodes: Processidae de l'Indo-Pacifique. In: *Résultats des Campagnes MUSORSTOM I et II - Philippines (1976, 1980)*, Volume 2 (A. Crosnier, ed.). *Mémoires du Muséum national d'Histoire naturelle (A) Zoologie*, **133**: 261–301.
- Norman, A.M. 1861. Contributions to British carcinology. I. Characters of undescribed Podophthalmia and Entomostraca. *Annals and Magazine of Natural History, Series 3*, **8**(46): 273–281, pls. 12–14.
- Norman, A.M. 1867. Report of the Committee appointed for the purpose of Exploring the Coasts of the Hebrides by means of the Dredge. Part II. On the Crustacea, Echinodermata, Polyzoa, Actinozoa, and Hydrozoa, pp. 193–206. In: *Report of the Thirty-sixth meeting of the British Association for the Advancement of Science held at Nottingham in August 1866*. John Murray, London.
- Norman, A.M. 1889. Notes on British Amphipoda. – II. Families Leucothoidae, Pardaliscidae, and Gammaridae (marine). *Annals and Magazine of Natural History, Series 6*, **4**(20): 113–140, pls. 10–12.

- Norman, A.M. 1899. British Isopoda Chelifera. *Annals and Magazine of Natural History*, Series 7, **3**(16): 317–341.
- Olivier, A.G. 1811. Suite de l'Introduction à l'Histoire Naturelle des Insectes. Paléon. In: *Encyclopédie Méthodique. Histoire Naturelle. Insectes* (Olivier, A.G., ed.), **Vol. 8**, pp. 656–670. H. Agasse, Paris.
- Ortmann, A. 1890. Die Decapoden-Krebse des Strassburger Museums, mit besonderer Berücksichtigung der von Herrn Dr. Döderlein bei Japan und bei den Liu-Kiu-Inseln gesammelten und z. Z. im Strassburger Museum aufbewahrten Formen. I. Theil. Die Unterordnung Natantia (Boas) (Abtheilungen: Penaeidae und Eucyphidea = Caridae der Autoren). *Zoologische Jahrbücher. Abtheilung für Systematik, Geographie und Biologie der Thiere*, **5**: 437–542, pls. 36, 37.
- Ortmann, A. 1896. Das System der Decapoden-Krebse. *Zoologische Jahrbücher. Abtheilung für Systematik, Geographie und Biologie der Thiere*, **9**: 409–453.
- Pallas, P.S. 1766. *Miscellanea zoologica*. Petrum van Cleef. Hagi Comitum.
- Pallas, P.S. 1771. *Reise durch verschiedene Provinzen des Russischen Reichs, Part 1*. Kayserliche Akademie der Wissenschaften, St. Petersburg, Russia.
- Pallas P. S. 1772. *Spicilegia Zoologica*, **Vol. 9**. Gottlieb August Lange, Berlin.
- Peart, R. 2017. Analysis of the genus *Sunamphitoe* Spence Bate, 1857 (Amphipoda: Ampithoidae) with descriptions of eight new species. *Zootaxa*, **4269**: 301–345.
- Pérez Farfante, I. 1980. Revision of the penaeid shrimp genus *Penaeopsis* (Crustacea: Decapoda). *Fishery Bulletin*, **77**: 721–763.
- Phipps C.J. 1774. *A voyage towards the North Pole undertaken by His Majesty's command 1773*. Bowyer and Nichols, London
- Pike, R.B. & Williamson, D.I. 1964. The larvae of some species of Pandalidae (Decapoda). *Crustaceana*, **6**: 265–284.
- Poore, G.C.B. 2016. The names of higher taxa of Crustacea Decapoda. *Journal of Crustacean Biology*, **36**: 248–255.
- Rankin, W.M. 1900. The Crustacea of the Bermuda Islands with notes on the collections made by the New York University Expeditions in 1897 and 1898. *Annals of the New York Academy of Science*, **12**: 521–548, pl. 17.
- Rathke, H. 1836. Zur Fauna der Krym. *Mémoires de l'Académie Impériale des Sciences de Saint Pétersbourg*, **3**: 291–454, pls. 1–10.
- Rathke, H. (1843). Beiträge zur Fauna Norwegens. *Nova Acta Academiae Caesareae Leopoldino-Carolinae Naturae Curiosorum*, **20**: 1–264c, pls. 1–6.
- Reinhardt, J. 1849. *Phyllamphion*, en ny Slægt af Stomatopodernes Orden. *Videnskabelige Meddelelser fra den naturhistoriske Forening i Kjøbenhavn*, **1849**: 2–6.
- Rice, A.L. 1981. The status of *Glyphocrangon rimapes* Bate, 1888 (Crustacea, Decapoda, Glyphocrangonidae). *Bulletin of the British Museum (Natural History)*, *Zoology Series*, **40**: 275–285.
- Risso, A. 1816. *Histoire Naturelle des Crustacés des Environs de Nice*. Librairie Grecque-Latine-Allemande, Paris.
- Risso, A. 1822. Mémoire sur quelques nouveaux Crustacés observés dans la mer de Nice. *Journal de Physique, de Chimie et d'Histoire Naturelle*, **95**: 241–248.
- Risso, A. 1827. *Histoire naturelle des principales productions de l'Europe Méridionale et particulièrement de celles des environs de Nice et des Alpes Maritimes*, vol. 5. Crustacés. Myriapodes, scorpionides, arachnides et acarides. *Insectes. Vers intestinaux. Radiaires. Zoophytes*. F.G. Levrault, Paris.
- Roux, P. 1828–1830. *Crustacés de la Méditerranée et de son littoral, décrits et lithographiés*. F. G. Levrault, Paris & Marseille.
- Sabine, E. 1824. Marine Invertebrate Animals. In: Parry, W.E., *A Supplement to the Appendix of Captain Parry's Voyage for the Discovery of a North-West Passage, in the Years 1819–20. Containing an Account of the Subjects of Natural History*. John Murray, London
- Sars, M. 1858. Oversigt over de i den norsk-arctiske Region forekommende Krebsdyr. *Christiana Videnskabs-Selskabs Forhandlinger*, **1858**: 122–163.
- Say, T. 1818. An account of the Crustacea of the United States [partim]. *Journal of the Academy of Natural Sciences of Philadelphia*, **1**(2): 235–253, 313–319, 374–401, 423–441.
- Semper, C. 1868. Some remarks on the new genus *Macrobrachium* of Mr. Spence Bate. *Proceedings of the Scientific Meetings of the Zoological Society of London*, **1868**: 85–87.
- Sherborn, C.D. 1934. Dates of publication of catalogues of Natural History (post 1850) issued by the British Museum. *Annals and Magazine of Natural History*, Series 10, **13**(74): 308–312.
- Slabber, M. 1769. *Natuurkundige verlustigenen, behelzende microscopise waarnemingen van in - en uitlandse water - en land-dieren. Eerste stukje*. J. Bosch, Haarlem, The Netherlands.
- Smith, S.I. 1880. Notice of a new species of the "Willemoesia group of Crustacea", recent Eryontidae. *Proceedings of the United States National Museum*, **2**: 345–353, pl. 7.
- Smith, S.I. 1881. Preliminary notice on the Crustacea dredged in 64 to 325 fathoms, off the South Coast of New England, by the United States Fish Commission in 1880. *Proceedings of the United States National Museum*, **3**: 413–452.
- Smith, S.I. 1882. Reports on the results of dredging under the supervision of Alexander Agassiz, on the east coast of the United States during the summer of 1880, by the U.S. Coast Survey Steamer "Blake", Commander J.R. Bartlett, U.S.N., commanding. *Bulletin of the Museum of Comparative Zoology at Harvard College*, **10**: 1–108, pls. 1–16.
- Smith, S.I. 1884. Report on the decapod Crustacea of the Albatross dredgings off the east coast of the United States in 1883, pp. 345–426, pls. 1–10. In: *Report of the Commissioner for 1882. Part X. United States Commission of Fish and Fisheries* Washington, DC.
- Smith, S.I. 1885. On some new or little known decapod Crustacea, from recent Fish Commission dredgings off the east coast of the United States. *Proceedings of the United States National Museum*, **7**: 493–511.
- Smith, S.I. 1886. Report on the decapod Crustacea of the Albatross dredgings off the East coast of the United States during the summer and autumn of 1884. *Report of the Commissioner for 1885, United States Commission of Fish and Fisheries*, **13**: 605–705, pls. 1–20.
- Spence Bate, C. 1850a. Notes on Crustacea. *Annals and Magazine of Natural History*, Series 2, **6**(32): 109–111, pl. 7 [published 1 August 1850; see Evenhuis (2003)].
- Spence Bate, C. 1850b. Notes on the fauna of Swansea and the neighbourhood, made during the summer of 1849. *Annual Report of the Swansea Literary and Scientific Society*, **1850**: 23–35, Appendix, pls. 1–4 [exact publication date not resolved; set to 31 December 1850, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999))].
- Spence Bate, C. 1851a. Notes on Crustacea (cont.). *Annals and Magazine of Natural History*, Series 2, **7**(40): 297–300, pl. 10(part) [published 1 April 1851; see Evenhuis (2003)].
- Spence Bate, C. 1851b. On a new genus and several new species of British Crustacea. *Annals and Magazine of Natural History*, Series 2, **7**(40): 318–321, pls. 10(part)–11 [published 1 April 1851; see Evenhuis (2003)].
- Spence Bate, C. 1851c. On the development of the Cirripedia. *Annals and Magazine of Natural History*, Series 2, **8**(46): 324–332, pls. 6–8 [published 1 October 1851; see Evenhuis (2003)].
- Spence Bate, C. 1851d. Notes on Crustacea, pp. 115–118. In: *Report of the twentieth meeting of the British Association for the Advancement of Science; held at Edinburgh in July and August 1850*. John Murray, London [publication date not determined as no new names introduced].
- Spence Bate, C. 1852. On some Crustacea dredged by Mr. Barlee in the Shetlands. *Annals and Magazine of Natural History*, Series 2, **10**(59): 356–357, pl. 5B [published 1 November 1852; see Evenhuis (2003)].
- Spence Bate, C. 1854. *Bellia arenaria*. *Annals and Magazine of Natural History*, Series 2, **13**(78): 504 [published 1 June 1854; see Evenhuis (2003)].
- Spence Bate, C. 1855a. On the homologies of the carapace and on the structure and function of the antennae in Crustacea. *Annals and Magazine of Natural History*, Series 2, **16**(91): 36–46, pls. 1, 2 [published 1 July 1855; see Evenhuis (2003)].
- Spence Bate, C. 1855b. On the homologies of the carapace and on the structure and functions of the antennae in the Crustacea. *Proceedings*

- of the Linnean Society of London, **2**(61): 376–379 [published 5 September 1855; see Kappel (1896)].
- Spence Bate, C. 1856a. On the British Diastylidae. *Annals and Magazine of Natural History*, Series 2, **17**(102): 449–465, pls. 13–15 [published 1 June 1856; see Evenhuis (2003)].
- Spence Bate, C. 1856b. On the British Diastylidae. *Annals and Magazine of Natural History*, Series 2, **18**(104): 187 [published 1 August 1856; see Evenhuis (2003)].
- Spence Bate, C. 1856c. On the British Edriophthalma. Part I. –The Amphipoda, pp. 18–61, pls. 12–18. In: *Report of the Twenty-fifth meeting of the British Association for the Advancement of Science; held at Glasgow in September 1855* [exact publication date not determined, as all new names are *nomina nuda*].
- Spence Bate, C. 1857a. On the genus *Cuma*. *Annals and Magazine of Natural History*, Series 2, **19**(110): 106–107 [published 1 January 1857; see Evenhuis (2003)].
- Spence Bate, C. 1857b. A synopsis of British Edriophthalmous Crustacea. – Part I. Amphipoda. *Annals and Magazine of Natural History*, Series 2, **19**(110): 135–152 [published 1 February 1857; see Evenhuis (2003)].
- Spence Bate, C. 1857c. British Amphipoda. *Annals and Magazine of Natural History*, Series 2, **19**(111): 271 [published 1 March 1857; see Evenhuis (2003)].
- Spence Bate, C. 1857d. On a new Amphipod. *Proceedings of the Natural History Society of Dublin*, **2**: 58–59, 72 (unnumbered figure), pl. 16 [exact publication date not resolved; set to 31 December 1857, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999)); see Low *et al.* (2012) for further discussion].
- Spence Bate, C. 1857e. On a new Amphipod. *Natural History Review*, **4**: 229–230, pl. 16 [exact publication date not resolved; set to 31 December 1857, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999)); considered a reproduction of Spence Bate (1857d) following DeArce (2012)].
- Spence Bate, C. 1857f. On the development of *Carcinus maenas*. *Proceedings of the Royal Society of London*, **8**: 544–546 [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1857g. Notice of a new crustacean, *Monimia Whiteana* [title only], p. 91. In: *Report of the twenty-sixth meeting of the British Association for the Advancement of Science; held at Cheltenham in August 1856* [exact publication date not resolved; set to 31 December 1857, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999))].
- Spence Bate, C. 1858a. British Edriophthalma. *Annals and Magazine of Natural History*, Series 2, **20**(121): 524–525 [published 1 January 1858; see Evenhuis (2003)].
- Spence Bate, C. 1858b. On the nidification of Crustacea. *Annals and Magazine of Natural History*, Series 3, **1**(3): 161–169, pl. 8 [published 1 March 1858; see Evenhuis (2003)].
- Spence Bate, C. 1858c. On some new genera and species of Crustacea Amphipoda. *Annals and Magazine of Natural History*, Series 3, **1**(5): 361–362 [published 1 May 1858; see Evenhuis (2003)].
- Spence Bate, C. 1858d. Description of a new British *Hippolyte* (*Hippolyte gordoniana*). *Proceedings of the Dublin University Zoological and Botanical Association*, **1**(1): 48–49 [published July 1858; stated date on frontispiece of part issue].
- Spence Bate, C. 1858e. On a new genus and new species of Diastylidae. *Journal of the Royal Dublin Society*, **2**: 101–104 [published July 1858; stated date on first page of part issue].
- Spence Bate, C. 1858f. On the importance of an examination of the structure of the integument of Crustacea in the determination of doubtful species – Application to the genus *Galathea*, with the description of a new species of that genus. *Journal of the Proceedings of the Linnean Society of London*, **3**(9): 1–4 [published 20 August 1858; see Kappel (1896)].
- Spence Bate, C. 1858g. On *Praniza* and *Anceus*, and their affinity to each other. *Annals and Magazine of Natural History*, Series 3, **2**(9): 165–172, pls. 6–7 [published 1 September 1858; see Evenhuis (2003)].
- Spence Bate, C. 1858h. A new British *Hippolyte*. *Natural History Review*, **5**: 51–53 [exact publication date not resolved; set to 31 December 1858, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999))].
- Spence Bate, C. 1858i. Description of two rare crustaceans from the coast of Durham, one of them a new species. *Transactions of the Tyneside Naturalists' Field Club*, **4**: 15–16, pl. 2, figs. 1, 2 [exact publication date not determined as no nomenclatorial implications].
- Spence Bate, C. 1858j. On the nidification of Crustacea. *Annual Reports and Transactions of the Plymouth Institution and Devon and Cornwall Natural History Society*, **1**(1857–2858): 1–9, pl. 1 [exact publication date not determined as no new names introduced].
- Spence Bate, C. [as S. Bate] 1858k. Note sur la nidification des Crustacés. *Annales des Sciences Naturelles*, Série 4, **9**: 255–264, pl. 1 [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1858l. Note sur les relations zoologiques qui existent entre les Pranizes et les Ancées (extrait). *Annales des Sciences Naturelles*, Série 4, **9**: 224 [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1858m. On the development of decapod Crustacea. *Philosophical Transactions of the Royal Society*, **148**: 589–605, pls. 40–46 [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1859a. On some British Diastylidae. *Annals and Magazine of Natural History*, Series 3, **2**(16): 273–274 [published 1 April 1859; see Evenhuis (2003)].
- Spence Bate, C. 1859b. Description of *Pandalus jeffreysii* (Spence Bate, 'Fauna of Swansea,' 1850). *Proceedings of the Dublin University Zoological & Botanical Association*, **1**(2): 151–152 [published July 1859; stated date on frontispiece of part issue].
- Spence Bate, C. 1859c. On the genus *Niphargus* (Schiödte). *Proceedings of the Dublin University Zoological and Botanical Association*, **1**(3): 237–240 [published November 1859; stated date on frontispiece of part issue].
- Spence Bate, C. 1859d. Description of *Pandalus jeffreysii* (Spence Bate, 'Fauna of Swansea,' 1850). *Natural History Review, and Quarterly Journal of Science*, **6**: 100–101 [exact publication date not resolved; set to 31 December 1859, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999))].
- Spence Bate, C. 1859e. On the genus *Niphargus* (Schiödte). *The Natural History Review, and Quarterly Journal of Science*, **6**: 163–169 [exact publication date not resolved; set to 31 December 1859, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999))].
- Spence Bate, C. 1859f. On the fossil crustacean found in the Magnesian Limestone of Durham by Mr. J. Kirkby, and on a new species of amphipod. *Quarterly Journal of the Geological Society*, **15**: 137–140, pl. 6 [exact publication date not determined as no nomenclatorial implications].
- Spence Bate, C. 1859–1861. The crab and its allies. *The Zoologist: a Popular Miscellany of Natural History*, **17**: 6567–6578, 6622–6630, 6676–6691; **19**: 7548–7553, 7650–7660 [exact publication dates not determined as no new names introduced].
- Spence Bate, C. 1861a. On the morphology of some Amphipoda of the division Hyperina. *Annals and Magazine of Natural History*, Series 3, **8**(43): 1–16, pls. 1–2 [published 1 July 1861; see Evenhuis (2003)].
- Spence Bate, C. 1861b. [...Crustacea...]. In: McAndrew, R., List of the British marine invertebrate fauna, pp. 217–236, pls. 1–2. In: *Report of the thirtieth meeting of the British Association for the Advancement of Science; held at Oxford in June and July 1860* [exact publication date not determined, as the newly introduced name is a *nomen nudum*].
- Spence Bate, C. & Westwood, J.O. 1861–1863. *A history of British Sessile-eyed Crustacea in two volumes.* – **Volume I.** John Van Voorst, London [published in parts; see Holthuis (1977) for exact publication dates].
- Spence Bate, C. 1862. Note on the supposed 'Discovery of an extremely minute vertebrate lower jaw in mud dredged at St. Helena by Dr. Wallich, F.L.S.' *Annals and Magazine of Natural History*, Series 3, **10**(60): 440–441 [published 1 December 1862; see Evenhuis (2003)].
- Spence Bate, C. 1863a. *Catalogue of the specimens of amphipodous Crustacea in the collection of the British Museum.* British Museum

- Trustees/Taylor & Francis, London: i–iv, 1–399, pls. 1–58 [published 14 March 1863; see Sherborn (1934)].
- Spence Bate, C. 1863b. On a new species of *Ione*, pp. 98. In: *Report of the thirty-third meeting of the British Association for the Advancement of Science; held at Newcastle-upon-Thyne in August and September 1863* [published in 1863; see Anonymous (1864); exact publication date not resolved; set to 31 December 1863, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999))].
- Spence Bate, C. & Westwood, J.O. 1863–1868. *A history of British sessile-eyed Crustacea in two volumes, Volume 2*. John Van Voorst, London [published in parts; see Holthuis (1977) for exact publication dates].
- Spence Bate, C. 1864. On some new Australian species of Crustacea. *Proceedings of the Scientific Meetings of the Zoological Society of London, 1863*(III): 498–505, pls. 40–41 [published April 1864; see Duncan (1937)].
- Spence Bate, C. 1865a. Carcinological gleanings. I. *Annals and Magazine of Natural History, Series 3, 15*(86): 81–88, pl. 1 [published 1 February 1865; see Evenhuis (2003)].
- Spence Bate, C. 1865b. Characters of new species of crustaceans discovered by J. K. Lord on the Coast of Vancouver Island. *Proceedings of the Zoological Society of London, 1864*(3): 661–668 [published May 1865; see Duncan (1937)].
- Spence Bate, C. 1865c. Characters of new species of crustaceans discovered by J. K. Lord on the coast of Vancouver Island. *Annals and Magazine of Natural History, Series 3, 15*(90): 485–492 [published 1 June 1865; see Evenhuis (2003)].
- Spence Bate, C. 1865d. Crustacea. In: *The record of zoological literature. 1864, Volume 1*, pp. 257–311 (A.C.L.G. Günther, ed.). John Van Voorst, London [exact publication date not determined as no new names introduced].
- [Spence Bate, C.] in Sclater, P.L. 1865. Report on a collection of animals from Madagascar, transmitted to the society by Mr. J. Caldwell. *Proceedings of the Zoological Society of London, 1865*(2): 467–470, pl. 27 [published October 1865; see Duncan (1937)].
- Spence Bate, C. 1866a. Carcinological gleanings. No. II. *Annals and Magazine of Natural History, Series 3, 17*(97): 24–31, pl. 2 [published 1 January 1866; see Evenhuis (2003)].
- Spence Bate, C. 1866b. [...the new species of crustaceans, collected on the east side of Vancouver Island...]. pp. 263–284, 1 pl. In: Lord, W.K., *The naturalist in Vancouver Island and British Columbia. In two volumes, Volume II*. Richard Bentley, London [published not before 28 May 1866; stated date on frontispiece of Volume I].
- Spence Bate, C. 1866c. Crustacea. In: *The record of zoological literature. 1864, Volume 2*, pp. 306–366 (A.C.L.G. Günther, ed.). John Van Voorst, London [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1866d. Report of the Committee appointed to explore the marine fauna and flora of the south coast of Devon and Cornwall. – No. 1, pp. 51–56. In: *Report of the thirty-fifth meeting of the British Association for the Advancement of Science; held at Birmingham in September 1865* [exact publication date not determined as no new names introduced].
- Spence Bate, C. & Westwood, J.O. 1866. On the genus *Anceus* (*Anceus* and *Praniza*, Auct.), p. 83. In: *Report of the thirty-fifth meeting of the British Association for the Advancement of Science; held at Birmingham in September 1865* [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1867. Crustacea, pp. 216–250. In: *The record of zoological literature. 1864, Volume 3* (A.C.L.G. Günther, ed.). John Van Voorst, London [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1868a. Carcinological gleanings. No. III. *Annals and Magazine of Natural History, Series 4, 1*(6): 442–448, pl. 22 [published 1 June 1868; see Evenhuis (2003)].
- Spence Bate, C. 1868b. Carcinological gleanings. No. IV. *Annals and Magazine of Natural History, Series 4, 2*(8): 112–121, pls. 9–11 [published 1 August 1868; see Evenhuis (2003)].
- Spence Bate, C. 1868c. On a new genus, with four new species, of freshwater prawns. *Proceedings of the Zoological Society of London, 1868*: 363–368, pls. 30–31 [published September 1868; see Duncan (1937)].
- Spence Bate, C. 1868d. Report of the Committee appointed to explore the marine fauna and flora of the south coast of Devon and Cornwall. – No. 2, p. 275–287, pls. 1–3. In: *Report of the thirty-seventh meeting of the British Association for the Advancement of Science; held at Dundee in September 1867* [published no later than 14 September 1868; see Anonymous, 1868: 595].
- Spence Bate, C. & Westwood, J.O. 1869. On the geographical distribution of the British genera of the sessile-eyed Crustacea [title only], p. 89. In: *Report of the thirty-eighth meeting of the British Association for the Advancement of Science; held at Norwich in August 1868* [exact publication date not determined as no new species introduced].
- Spence Bate, C. 1870. Report of the committee appointed to explore the marine fauna and flora of the south coast of Devon and Cornwall. – No. 3, pp. 84–91. In: *Report of the thirty-ninth meeting of the British Association for the Advancement of Science; held at Exeter in August 1869* [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1872. Fourth report on the fauna of South Devon. *Nature, 6*: 363–364 [published 29 August 1872, stated date].
- Spence Bate, C. 1873. Fourth report on the fauna of South Devon, pp. 48–53. In: *Report of the forty-second meeting of the British Association for the Advancement of Science; held at Brighton in August 1872* [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1876a. On the development of the crustacean embryo, and the variations of form exhibited in the larvae of 38 genera of Podophthalmia. *Proceedings of the Royal Society of London, 24*(2): 375–379 [published August 1876; see Duncan (1937)].
- Spence Bate, C. 1876b. Report on the present state of our knowledge of the Crustacea. – Part I. On the homologies of the dermal skeleton, pp. 41–53, pls. 1, 2. In: *Report of the forty-fifth meeting of the British Association for the Advancement of Science; held at Bristol in August 1875* [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1877. Report on the present state of our knowledge of the Crustacea. – Part II. On the homologies of the dermal skeleton (continued), pp. 75–94, pls. 2, 3. In: *Report of the forty-sixth meeting of the British Association for the Advancement of Science; held at Glasgow in September 1876* [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1878a. Two new Crustacea from the coast of Aberdeen. *Annals and Magazine of Natural History, Series 5, 1*(5): 409–411 [published 1 May 1878; see Evenhuis (2003)].
- Spence Bate, C. 1878b. On the nauplius of prawns. *Annals and Magazine of Natural History, Series 5, 2*(7): 79–85 [published 1 July 1878; see Evenhuis (2003)].
- Spence Bate, C. 1878c. On the *Willemoesia* group of Crustacea. *Annals and Magazine of Natural History, Series 5, 2*(10): 273–283, pl. 13 [published 1 October 1878; see Evenhuis (2003)].
- Spence Bate, C. 1878d. On the *Willemoesia* group of Crustacea. *Annals and Magazine of Natural History, Series 5, 2*(12): 484–489 [published 1 December 1878; see Evenhuis (2003)].
- Spence Bate, C. 1878e. Crustacea, pp. 56–127. In: *The Cornish fauna: A compendium of the natural history of the county. Part I. The vertebrate animals and crustaceans by Jonathan Couch, F.L.S., &c. with revisions and large additions by J. Brooking Rowe, F.L.S., (Mammalia); Thomas Cornish, (Reptilia and Pisces); E.H. Rodd, (Aves); and C. Spence Bate, F.R.S., (Crustaceans)*. Royal Institution of Cornwall, Truro [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1878f. Report on the present state of our knowledge of the Crustacea. – Part III. On the homologies of the dermal skeleton, pp. 36–55. In: *Report of the forty-seventh meeting of the British Association for the Advancement of Science; held at Plymouth in August 1877* [exact publication date not determined as no new names introduced].
- Spence Bate, C. 1879a. Report on the present state of our knowledge of the Crustacea. – Part IV. On development, pp. 193–209, pls. 5–7. In: *Report of the forty-eighth meeting of the British Association for the Advancement of Science; held at Dublin in August 1878* [exact publication date not determined as no new names introduced].

- Spence Bate, C. 1879b. On the *Willemoesia* group of Crustacea, pp. 561–564. In: *Report of the forty-eighth meeting of the British Association for the Advancement of Science; held at Dublin in August 1878* [exact publication date not determined as no new names introduced].
- Spence Bate, C. & Brooking Rowe, J. 1880. Second report of the committee, consisting of Mr. C. Spence Bate and Mr. J. Brooking Rowe, appointed for the purpose of exploring the marine zoology of South Devon, pp. 160–161. *Report of the fiftieth meeting of the British Association for the Advancement of Science; held at Swansea in August and September 1880* [exact publication date not resolved; set to 31 December 1880, per Article 21.3.2 (International Commission of Zoological Nomenclature (1999))].
- Spence Bate, C. 1881a. On *Synaxes*, a new genus of Crustacea. *Annals and Magazine of Natural History*, Series 5, 7(39): 220–228, pl. 14 [published 1 March 1881; see Evenhuis (2003)].
- Spence Bate, C. 1881b. On the Penaeidae. *Annals and Magazine of Natural History*, Series 5, 8(45): 169–196, pls. 11–12 [published 1 September 1881; see Evenhuis (2003)].
- [Spence Bate, C.] in Lee, J.E. 1881. *Note-book of an amateur geologist*, pp. 87–90. Longmans, Green and Co., London [publication date not determined as no new names introduced].
- Spence Bate, C. 1882. *Eryoneicus*, a new genus allied to *Willemoesia*. *Annals and Magazine of Natural History*, Series 5, 10(60): 456–458 [published 1 December 1882; see Evenhuis (2003)].
- Spence Bate, C. 1884a. *Archaeastacus* (*Eryon*) *Willemoesii*, a new genus and species of Eryonidae. *The Geological Magazine* (n.s., dec. III), 1: 307–310, pl. 10 [published July 1884; stated date on frontispiece of part issue].
- Spence Bate, C. 1884b. *Archaeastacus Willemoesii*, a new genus of Eryonidae, p. 511. *Report of the fifty-third meeting of the British Association for the Advancement of Science; held at Southport in September 1883* [published no later than 24 November 1884; see Anonymous, 1884: 998].
- Spence Bate, C. 1885. The Macrura, pp. 522–528. In: Tizard, T.H., Moseley, H.N., Buchanan, J.Y. & Murray, J., *Narrative of the cruise of H.M.S. Challenger with a general account of the scientific results of the expedition. report on the scientific results of the voyage of H.M.S. Challenger during the years 1873–1876 under the command of Captain George S. Nares, R.N., F.R.S. and the late Captain Frank Tourle Thomson, R.N. Prepared under the superintendence of the late Sir C. Wyville Thomson, Knt., F.R.S. &c. Regius Professor of Natural History in the University of Edinburgh Director of the civilian scientific staff on board and now of John Murray, one of the naturalists of the expedition*. London, Edinburgh and Dublin, Her Majesty Stationery Office [published between 6 March – 1 April 1885; see Low & Evenhuis (2013)].
- Spence Bate, C. 1888. Report on the Crustacea Macrura collected by the Challenger during the years 1873–76. *Report on the scientific results of the voyage of H.M.S. Challenger during the years 1873–1876 under the command of Captain George S. Nares, R.N., F.R.S. and the late Captain Frank Tourle Thomson, R.N. prepared under the superintendence of the late Sir C. Wyville Thomson, Knt., F.R.S. &c. Regius Professor of Natural History in the University of Edinburgh Director of the civilian scientific staff on board and now of John Murray one of the naturalists of the expedition*, 24: i–xc, 1–942, pls. 1–157 [published before 30 June 1888; see Low & Evenhuis (2013)].
- [Spence Bate, C.] in Heape, W. 1888. [Crustacea]. In: Preliminary report upon the fauna and flora of Plymouth Sound. *Journal of the Marine Biological Association of the United Kingdom*, 1: 156–193 [publication date not determined as no new names introduced].
- Spence Bate, C. 1889. On a new genus of Macrura (*Ophthalmeryon transitionalis*). *Annals and Magazine of Natural History*, Series 6, 4(1): 67–76, pl. 9 [published 1 July 1889; see Evenhuis (2003)].
- Stebbing, T.R.R. 1888. Report on the Amphipoda collected by H.M.S. 'Challenger' during the years 1873–1876. *Report on the scientific results of the voyage of H.M.S. 'Challenger' during the years 1873–76, Zoology*, 29: i–xxiv + 1–1737, pls. 1–210.
- Stebbing, T.R.R. 1893. *A history of Crustacea Recent Malacostraca*. Kegan Paul, Trench, Trübner and Co., London.
- Stebbing, T.R.R. 1904. Gregarious Crustacea from Ceylon, *Spolia Zeylanica*, 2(5): 1–29, pls. 1–6.
- Stebbing, T.R.R. 1906. *Amphipoda. 1 Gammarida. Das Tierreich 21*. Verlag von R. Friedländer & Sohn, Berlin.
- Steele, D.H. 1969. Additional comments of the genus *Anonyx* (Crustacea: Amphipoda) of the Atlantic and Arctic coasts of North America. *Journal of the Fisheries Research Board of Canada*, 26: 683–686.
- Stimpson, W. 1853. Synopsis of the marine Invertebrata of Grand Manan: or the region about the mouth of the Bay of Fundy, New Brunswick. *Smithsonian Contributions to Knowledge*, 6: 1–66, pls. 1–3.
- Stimpson, W. 1856. On some Californian Crustacea. *Proceedings of the California Academy of Sciences*, 1: 87–90.
- Stimpson, W. 1857. On the Crustacea and Echinodermata of the Pacific shores of North America. *Boston Journal of Natural History*, 6: 444–532, pls. 18–23.
- Stimpson, W. 1860. Prodrum descriptionis animalium evertibratorum, quae in Expeditione ad Oceanum Pacificum Septentrionalem, a Republic Federata missa, Cadwaladore Ringgold et Johanne Rodgers Ducibus, observavit et descripsit. Pars VIII, Crustacea Macrura. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 12: 22–47.
- Stimpson, W. 1864. Descriptions of new species of marine Invertebrata from Puget Sound, collected by the naturalists of the North-West Boundary Commission, A.H. Campbell, Esq., Commissioner. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 16: 153–161.
- Sowerby, J. 1804–1806. *The British Miscellany: or coloured figures of new, rare, or little known animal subjects; many not before ascertained to be inhabitants of the British Isles; and chiefly in the possession of the author*. Sowerby, London.
- Sund, O. 1920. The "Challenger" Eryonidea (Crustacea). *Annals and Magazine of Natural History*, Series 9, 6(32): 220–226.
- Thompson, W. 1844. Report on the fauna of Ireland: Div. Invertebrata. Drawn up, at the request of the British Association, pp. 245–291. In: *Report of the thirteenth meeting of the British Association for the Advancement of Science; held at Cork in August 1843*. John Murray, London.
- Thompson, W. 1856. *The Natural History of Ireland in four volumes. Vol. IV. Mammalia, Reptiles, and Fishes. Also Invertebrata*. Henry G. Bohn, London.
- von Martens, E. 1878. Über einige Crustaceen und Mollusken, welche das zoologische Museum in letzter Zeit erhalten hat. *Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin*, 1878: 131–135.
- White, A. 1847. *List of the Specimens of Crustacea in the Collection of the British Museum*. British Museum, London.
- Wiegmann, A. 1836. Beschreibung einiger neuen Crustaceen des Berliner Museums aus Mexiko und Brasilien. *Archiv für Naturgeschichte*, 2: 145–151.
- Wood-Mason, J. & Alcock, A. 1891–1893. Natural history notes from H.M. Indian Marine Survey Steamer 'Investigator,' Commander R.F. Hoskyn, R.N., commanding. — Series II, No. 1. On the results of deep-sea dredging during the season 1890–91. *Annals and Magazine of Natural History*, Series 6, 8(43): 16–34; 8(44): 119–138, pls. 7, 8; 8(46): 268–286; 8(47): 353–362; 8(48): 427–452, pl. 17; 9(52): 265–275, pls. 14, 15; 6(53): 358–370; 11(62): 161–172, pls. 10, 11.
- Woodward, H. 1866. Notes on the species of the genus *Eryon* from the Lias and Oolite of England and Bavaria. *The Quarterly Journal of the Geological Society of London*, 22: 494–502, pls. 24, 25.
- WoRMS Editorial Board. 2024. *World register of marine species* [<https://www.marinespecies.org>].
- Zaddach, E. G. 1844. *Synopseos Crustaceorum Prussicorum Prodrum*. E.J. Daljowski, Regiomonti [Königsberg (Germany) = Kaliningrad, Russia].
- Zeidler, W. 1999. Review of the hyperiidean amphipod genus *Oxycephalus* Milne-Edwards (Crustacea: Amphipoda: Hyperiidea: Oxycephalidae). *Invertebrate Taxonomy*, 13: 391–424.
- Zeidler, W. 2003. A review of the hyperiidean amphipod superfamily Vibiloidea Bowman and Gruner, 1973 (Crustacea: Amphipoda: Hyperiidae). *Zootaxa*, 280: 1–104.
- Zeidler, W. 2012. Hyperiid amphipods (Crustacea: Amphipoda: Hyepridae) collected recently from eastern Australian waters. *Records of the Australian Museum*, 44: 85–133.
- Zeidler, W. 2016. A review of the families and genera of the superfamily Platysceloidea Bowman & Gruner, 1973 (Crustacea: Amphipoda: Hyperiidea), together with keys to the families, genera and species. *Zootaxa*, 4192: 1–136.