

# The Contribution of J. K. Lowry (1942–2021) to Amphipod Systematics: New and Revisionary Taxonomy

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**ABSTRACT.** James K. Lowry (1942–2021) was one of the most prolific crustacean taxonomists of the late 20th through early 21st century, authoring some 214 publications over a period of some 55 years in which he named some 800 new taxa including 5 suborders, 62 families, 129 genera, and 548 species of primarily amphipod crustaceans. The present work provides a complete list of Jim Lowry's scientific publications along with the new taxa that he described therein.

## Introduction

Dr James K. (Jim) Lowry (1942–2021) was one of the most prolific crustacean taxonomists of the late 20th through early 21st centuries, authoring 214 publications over a period of 55 years. Jim's taxonomic career can be grouped into a number of phases that resulted in multiple publication outputs: early studies of the New Zealand fauna arising from taxonomic investigations from his PhD based in New Zealand and working in the sub-Antarctic; the beginnings of the world lysianassoid work; the Papua New Guinea publications; the *Zoological Catalogue of Australia* on Amphipoda, Cumacea, and Mysidacea; Great Barrier Reef Amphipod Expedition; Circum-Australian Amphipod Project; consolidation of the lysianassoid work; and talitroid revisions. Importantly, weaved across the decades, were the higher classification studies with Alan Myers and many fruitful collaborations in between.

At the time of writing, Jim had contributed 800 new taxa to, as the late Thomas Roscoe Rede Stebbing would write,

Amphipodous Crustaceology. This includes 5 new suborders, 62 new families, 129 new genera and 548 new species (Table 1), yet this number will increase in the coming years as collaborating authors finalize manuscripts. This is fitting, as Jim collaborated widely, with more than 50 international colleagues during his five decades of taxonomic publishing.

Jim's legacy in amphipod taxonomy provides a continuation of the iconic work of his dear friend and mentor, the late Dr J. Laurens (Jerry) Barnard, whose publications between the 1950s and early 1990s are foundational for modern researchers. Jim first corresponded with Jerry in the 1970s during his PhD. Jerry, as a formative mentor, was well established in what would become a phenomenal contribution to understanding higher relationships of amphipods across five decades, a field that had largely been left untouched since Stebbing at the beginning of the century. Jim is the second most productive amphipod worker in history, behind only Jerry Barnard for both descriptive and revisionary work. Jim's 55 year history of research undeniably identifies him as a great contributor with broad ranging alpha-taxonomy

**Keywords:** Crustacea, Amphipoda, Jim Lowry, systematics, taxonomy

**ZooBank registration:** urn:lsid:zoobank.org:pub:6B8B6C29-F199-4808-B4E7-71794FEAA857

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**Submitted:** 17 January 2023 **Accepted:** 9 September 2023 **Published:** 6 December 2023 (in print and online simultaneously)

**Publisher:** The Australian Museum, Sydney, Australia (a statutory authority of, and principally funded by, the NSW State Government)

**Citation:** Hughes, Lauren Elizabeth, Shane T. Ah Yong, and Penelope B. Berents. 2023. The contribution of J. K. Lowry (1942–2021) to amphipod systematics: new and revisionary taxonomy. In *Festschrift in Honour of James K. Lowry*, ed. P. B. Berents, S. T. Ah Yong, A. A.

Myers, and L. Fanini. *Records of the Australian Museum* 75(4): 311–328. <https://doi.org/10.3853/j.2201-4349.75.2023.1874>

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providing the basis for more detailed evolutionary analysis.

Jim's first taxonomic amphipod publication was in 1972 on the distribution of the *Microprotopus raneyi* Wigley, 1966 from North America, a species collected during a summer programme while in the Marvin L. Wass lab (Virginia Institute of Marine Science). In total, Jim went on to publish on more than 1,000 taxa, either as new species, redescriptions or new distribution records within the broader Peracarida.

During Jim's twenty-year collaboration on amphipod higher classification with Alan Myers, they instated 27 families and introduced several hierarchical placements new to the classification of Amphipoda to contextualize relationships (i.e., Parvorder, EpiFamily). The hypothesizing of these relationships between groups, based on morphology, gives a comprehensive platform to test and refine by future researchers, without which our shared language of the diversity of an important, highly diverse group would remain much behind that of other Arthropoda. The Myers-Lowry syntheses of the higher classification of the amphipods represent the zenith of a publishing collaboration of more than 40 years across many amphipod groups.

Jim's most productive taxonomic collaboration was with Helen Stoddart, producing over 378 new or revised species/genera/families. Over 97 new or revised taxa were also documented in collaboration with Kilgallen, Myers, Springthorpe, and Hughes. As the sole author, Jim produced work on 51 species, and, with his leading 10 collaborators, described 548 new species (see Table 2). Jim's appetite for new collaborations and projects had consequences for the long standing lysianassoid work, which began in the 1980s with a tour of major European museums to establish the location of type material, validate specimens, borrow and illustrate material. This enormous project was supported by Helen Stoddart, who assisted with manuscript preparation and illustration. Roger Springthorpe began contributing

illustration and plate preparation from the 1980s onwards. As the decades rolled on and other exciting projects took prime place for completion, the grand challenge of revising all the lysianassoids at generic level faltered. After 30 years, other projects led to the dissolution of Helen and Jim's collaboration, which is where we see the series of Lowry-Kilgallen papers commence. Niamh Kilgallen, having recently completed a PhD, was able to step in to bring the alpha taxonomy to fruition with figures already prepared, specimens already sorted and working identifications already made through Roger's and Helen's years of dedication. Lauren Hughes also finished some smaller papers on lysianassoids, though much credit goes to Helen for years of dedication to the lysianassoid project, her attention to detail and skills as a taxonomist. The larger world lysianassoid revision, which was already progressed with scored databases and standardized illustrations for the type species of each genus/family, was thus published for the most part in piecemeal fashion. Although not in the intended "grand book", the collective work on lysianassoids remains essential for the taxonomic understanding of the group. The final resulting tally of 598 lysianassoid species/genera/families is in no way diminished.

It is not surprising that the lysianassoids and talitroids are the two groups about which Jim published the most, whereas *Floresorchestia*, *Tryphosella*, *Ichnopus*, *Elasmopus*, and *Cheiromedon* were the genera most published on, when based on taxon counts. Many trivialities can be extracted from reviewing the great list of species but perhaps a sense of Jim's partialities and spirit is best left to the reflections of colleagues. Jim would gladly share that over patronyms or descriptive terms. Jim found inspiration for new scientific names often from such things as shipwrecks or the euphony of Australian First Nations' words. Table 1 lists new taxa named by Jim.

## Publications of James K. Lowry (214)

### 1966

Calder, D. R., J. R. Thornborough, and J. K. Lowry. 1966. Record of *Ecteinascidea turbinata* (Ascidiacea, Porophoridae) in the York River, Virginia. *Chesapeake Science* 7(4): 223–224.  
<https://doi.org/10.2307/1350443>

### 1968

Wulff, B. L., E. M. T. Wulff, B. H. Robison, J. K. Lowry, and H. J. Humm. 1968. Summer marine algae of the jetty at Ocean City, Maryland. *Chesapeake Science* 9(1): 56–60.  
<https://doi.org/10.2307/1325224>

### 1972

Lowry, J. K. 1972. Taxonomy and distribution of the genus *Microprotopus* along the East Coast of the United States (Amphipoda, Isaeidae). *Crustaceana Supplement* 3: 277–286.

### 1974

Lowry, J. K. 1974a. A new species of the amphipod *Biancolina* from the Sargasso Sea. *Transactions of the American Microscopical Society* 93(1): 71–78.  
<https://doi.org/10.2307/3225221>

Lowry, J. K. 1974b. Key and checklist to the gammaridean amphipods of Kaikoura. *Mauri Ora* 2: 95–130.

### 1975

Lowry, J. K. 1975. The soft bottom macrobenthic community of Arthur Harbor, Antarctica. *Antarctic Research Series* 23(1): 1–19.  
<https://doi.org/10.1029/AR023p0001>

### 1976

Lowry, J. K. 1976. *Neoxenodice cryophile*, a new podocericid from the Ross Sea, Antarctica (Amphipoda). *Crustaceana* 30(1): 98–104.  
<https://doi.org/10.1163/156854076X00459>

Lowry, J. K., and S. Bullock. 1976. Catalogue of the marine gammaridean Amphipoda of the Southern Ocean. *Royal Society of New Zealand Bulletin* 16: 1–187.

### 1977

Knox, G. A., and J. K. Lowry. 1977. A comparison between the benthos of the Southern Ocean and the North Polar Ocean with special reference to the Amphipoda and the Polychaeta. In *Polar Oceans*, ed. M. J. Dunbar. Arctic Institute of North America, Calgary, pp. 423–462.

## 1978

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## 1981

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**Table 1.** New taxa named by Lowry and co-authors. The valid name of taxa currently in synonymy is given in brackets and indicated by “=”. Species are listed in their original combination; where applicable, current generic placement is indicated in brackets. Note: ordinal-group taxa are not regulated by the Zoological Code, so the Principal of Coordination does not apply to these taxa. As such, authorship of ordinal-group taxa newly introduced by Lowry & Myers (2013, 2017) are attributed to those authors, rather than originators of the family-group name from which most of the ordinal-group names were derived.

### Suborders (5)

Amphilochidea Lowry & Myers, 2017  
Colomastigiwdea Lowry & Myers, 2017  
Hyperioptidea Lowry & Myers, 2017  
Senticaudaudata Lowry & Myers, 2013a  
Pseudingolphiellidea Lowry & Myers, 2017

### Infraorders (8)

Amphilochida Lowry & Myers, 2017  
Bogidiellida Lowry & Myers, 2013a  
Carangoliopsida Lowry & Myers, 2013a  
Colomastigida Lowry & Myers, 2017  
Hadziida Lowry & Myers, 2013a  
Hyperioptida Lowry & Myers, 2017  
Lysianassida Lowry & Myers, 2017  
Pseudingolphiellida Lowry & Myers, 2017

### Parvorders (18)

Amphilochidira Lowry & Myers, 2017  
Bogidiellidira Lowry & Myers, 2013a  
Carangoliopsidira Lowry & Myers, 2013a  
Colomastigidira Lowry & Myers, 2017  
Crangonyctidira Lowry & Myers, 2013a  
Eusiridira Lowry & Myers, 2017  
Hadziidira Lowry & Myers, 2013a  
Haustoriidira Lowry & Myers, 2017  
Hyperioptidira Lowry & Myers, 2017  
Lysianassidira Lowry & Myers, 2017  
Maxillipiidira Lowry & Myers, 2017  
Metaingolphiellidira Lowry & Myers, 2017  
Oedicerotidira Lowry & Myers, 2017  
Pagetinidira Lowry & Myers, 2017  
Podosiridira Lowry & Myers, 2017  
Pseudingolphiellidira Lowry & Myers, 2017  
Synopiidira Lowry & Myers, 2017  
Talitridira Lowry & Myers, 2013a

### Superfamilies (9)

Aetiopedesoidea Myers & Lowry, 2003  
Alicelloidea Lowry & De Broyer, 2008  
Aristioidea Lowry & Stoddart, 1997  
Chevalioidea Myers & Lowry, 2003  
Magnovioidea Alves, Lowry & Jonsson, 2020  
Microprotopoidea Myers & Lowry, 2003  
Podosiroidea Lowry & Myers, 2012b  
Pseudingolphielloidea Lowry & Myers, 2012a  
Rakirooidea Myers & Lowry, 2003

### Epifamilies (1)

Protorchestoidae Myers & Lowry, 2020a

### Families (62)

Acidostomatidae Stoddart & Lowry, 2012  
Adeliedillidae Lowry & Myers, 2017  
Aetiopedesidae Myers & Lowry, 2003

Alicellidae Lowry & De Broyer, 2008  
Amaryllididae Lowry & Stoddart, 2002c  
Ambasiidae Lowry & Myers, 2017  
Arcitalitridae Myers & Lowry, 2020a  
Aristiidae Lowry & Stoddart, 1997  
Australomicroprotopidae Myers, Lowry & Billingham, 2016  
Brevitalitridae Myers & Lowry, 2020a  
Cebocaridae Lowry & Stoddart, 2011a  
Chevaliidae Myers & Lowry, 2003  
Chillagoecidae Lowry & Myers, 2012a  
Conicostomatidae Lowry & Stoddart, 2012b  
Crangoweckellidae Lowry & Myers, 2012a  
Curiotalitridae Myers & Lowry, 2020a  
Cyclocaridae Lowry & Stoddart, 2011a  
Cyphocarididae Lowry & Stoddart, 1997  
Derjugianidae Lowry & Myers, 2017  
Dussartiellidae Lowry & Myers, 2012a  
Endevouridae Lowry & Stoddart, 1997  
Eriopisidae Lowry & Myers, 2013a  
Eurytheneidae Stoddart & Lowry, 2004  
Falklandellidae Lowry & Myers, 2012a  
Giniphargidae Lowry & Myers, 2012a  
Hirondelleidae Lowry & Stoddart, 2010a  
Izinkalidae Lowry & Stoddart, 2010c  
Kairosidae Lowry & Myers, 2013b  
Kamakidae Myers & Lowry, 2003  
Kergueleniidae Lowry & Stoddart, 2010d  
Kergueleniolidae Lowry & Myers, 2013a  
Lepidepecreellidae Stoddart & Lowry, 2010c  
Magnovidae Alves, Lowry & Jonsson, 2020  
Makawidae Myers & Lowry, 2020a  
Microprotopidae Myers & Lowry, 2003  
Miramarrassidae Lowry, 2006  
Nuuanuidae Lowry & Myers, 2013a  
Opisidae Lowry & Stoddart, 1995c  
Pakynidae Lowry & Myers, 2017  
Paragammaropsidae Myers & Lowry, 2003  
Paragissidae Lowry & Myers, 2017  
Podoprionidae Lowry & Stoddart, 1996  
Podosiridae Lowry & Myers, 2012b  
Protorchestiidae Myers & Lowry, 2020a  
Pseudamphilochoidea Lowry & Myers, 2017  
Pseudingolphiellidae Lowry & Myers, 2012a  
Rakiroidae Myers & Lowry, 2003  
Regaliidae Lowry, 2006  
Sanchoidae Lowry, 2006  
Sandroidae Lowry & Myers, 2012a  
Scopelocheiridae Lowry & Stoddart, 1997  
Sensoratoridae Lowry & Myers, 2012a  
Thoriellidae Lowry & Stoddart, 2011a  
Thurstonellidae Lowry & Zeidler, 2008  
Tryphosidae Lowry & Stoddart, 1997  
Uhlorchestiidae Myers & Lowry, 2020a  
Unciolidae Myers & Lowry, 2003  
Uronyctidae Lowry & Myers, 2012a  
Valettioptidae Lowry & De Broyer, 2008  
Vemanidae Lowry & Myers, 2017

Wandinidae Lowry & Stoddart, 1990  
Zaramillidae Lowry & Myers, 2016

### Subfamilies (18)

Acuminodeutopinae Myers & Lowry, 2003  
Amaryllidinae Lowry & Stoddart, 2002a  
Aorchinae Myers & Lowry, 2003  
Bonniereinae Myers & Lowry, 2003  
Cleonardopsinae Lowry, 2006  
Conicostomatinae Lowry & Stoddart, 2012b  
Examphithoinae Myers & Lowry, 2003  
[= Ampithoinae Boeck, 1871]  
Floresorchestiinae Myers & Lowry, 2020a  
Kamakinae Myers & Lowry, 2003  
Paracallisominae Kilgallen & Lowry, 2015  
Parepimeriinae Lowry, 2006  
Platorchestiinae Lowry & Myers, 2022  
Protomedeiinae Myers & Lowry, 2003  
Pseudorchestoideinae Myers & Lowry, 2020a  
Tryphosinae Lowry & Stoddart, 1997  
Unicolinae Myers & Lowry, 2003  
Viyajiinae Lowry & Stoddart, 2002  
Waldeckiinae Lowry & Kilgallen, 2014

### Tribes (2)

Haplocheirini Myers & Lowry, 2003  
Paracorophiini Myers & Lowry, 2003

### Genera (129)

*Acheronia* Lowry, 1984b  
*Africorchestia* Lowry & Coleman, 2011  
*Albidiator* Lowry & Myers, 2019a  
*Amphiatlantica* Lowry & Myers, 2019a  
*Amphorites* Lowry & Stoddart, 2012b  
*Aotearorchestia* Hughes & Lowry, 2023  
*Asiaorchestia* Lowry & Myers, 2019a  
*Australomicrotopus* Myers, Lowry & Billingham, 2016  
*Australorchestia* Serejo & Lowry, 2008  
*Austrocallisoma* Kilgallen & Lowry, 2015a  
*Austromaera* Lowry & Springthorpe, 2005b  
*Austropacifica* Lowry & Springthorpe, 2019  
*Bamarooka* Lowry & Stoddart, 2002a  
*Bathypoma* Lowry & Berents, 1996  
*Bellorchestia* Serejo & Lowry, 2008  
*Boca* Lowry & Stoddart, 1997  
*Britorchestia* Lowry & Bopiah, 2012  
*Bulychevia* Lowry & Myers, 2019a  
*Calviator* Lowry & Myers, 2019a  
*Canariorchestia* Lowry & Myers, 2019a  
*Capeorchestia* Lowry & Baldanzi, 2016  
*Cardomanica* Lowry, 1985b  
*Carpentaria* Lowry, Springthorpe & Myers, 2020  
*Chevreuxiana* Lowry & Myers, 2019a  
*Chroestia* Lowry & Fanini, 2023  
*Clippertonia* Lowry & Myers, 2020  
*Cochinorchestia* Lowry & Peart, 2010  
*Cocorchestia* Lowry & Myers, 2022  
*Conicostoma* Lowry & Stoddart, 1983  
*Coriolisa* Lowry & Stoddart, 1994  
*Cryptorchestia* Lowry & Fanini, 2013  
*Curiotalitrus* Lowry & Coleman, 2012  
*Dallwitzia* Lowry & Myers, 2019a

*Dana* Lowry, 2011  
*Debroyerella* Lowry & Kilgallen, 2015a  
*Defeo* Lowry & Myers, 2019a  
*Demaorchestia* Lowry & Myers, 2022  
*Dendrorchestia* Lowry & Myers, 2019a  
*Derzhavinia* Lowry & Myers, 2019a  
*Des* Lowry & Kilgallen, 2014c  
*Deshurleyella* Lowry, Myers & Nakano, 2019  
*Devo* Lowry & Stoddart, 2002a  
*Dracorchestia* Lowry & Myers, 2019a  
*Drummondia* Lowry, 1984b  
*Eclecticus* Lowry & Stoddart, 1997  
*Ekelofia* Lowry, 1984b  
*Erikus* Lowry & Stoddart, 1987  
*Fleuria* Lowry & Myers, 2019a  
[= *Fleuriella* Lowry, Myers & Nakano, 2019]  
*Fleuriella* Lowry, Myers & Nakano, 2019  
*Fluviadulzura* Myers, Lowry & Billingham, 2017  
*Galaporchestia* Lowry & Myers, 2019a  
*Gazia* Lowry & Springthorpe, 2019  
*Gbroidea* Lowry & Azman, 2008  
*Gippsia* Lowry & Stoddart, 1995a  
*Glorieusella* Kilgallen & Lowry, 2014  
*Gondwanorchestia* Lowry, Myers & Perez-Schultheiss, 2020  
*Haliogeneia* Lowry & Stoddart, 1998  
*Hermaniator* Lowry & Myers, 2019a  
*Hermesorchestia* Hughes & Lowry, 2017  
*Hoho* Lowry & Fenwick, 1982  
*Houlia* Lowry & Myers, 2019a  
*Hurleyella* Lowry & Myers, 2019a  
[= *Deshurleyella* Lowry, Myers & Nakano, 2019]  
*Ignamborchestia* Lowry & Myers, 2019a  
*Indiorchestia* Lowry & Myers, 2019a  
*Insulariator* Lowry & Myers, 2019a  
*Insularorchestia* Lowry & Myers, 2022  
*Jeanjustia* Lowry & Myers, 2003  
[= *Parepimeria* Chevreux, 1911]  
*Kaalorchestia* Lowry & Myers, 2019a  
*Kakanui* Lowry & Stoddart, 1983b  
*Kapalana* Berents & Lowry, 2018  
*Kelhyduncania* Lowry & Myers, 2019a  
*Kohuroa* Lowry, Myers & Nakano, 2019  
*Laniporchestia* Lowry & Myers, 2019a  
*Laurenia* Lowry & Myers, 2019a  
*Leslieorchestia* Lowry & Myers, 2019a  
*Lutriwita* Lowry & Myers, 2012a  
*Lutruwitiator* Lowry & Myers, 2019a  
*Magnovis* Alves, Lowry & Johnsson, 2020  
*Mauritiorchestia* Green, Appadoo, Lowry & Myers, 2021  
*Memana* Stoddart & Lowry, 2010b  
*Minamitalitrus* White, Lowry & Morino, 2013  
*Miramaera* Lowry & Springthorpe, 2005b  
*Morinoia* Lowry & Myers, 2019a  
*Nagada* Lowry & Stoddart, 1995c  
*Notopoma* Lowry & Berents, 1996  
*Notoprotella* Takeuchi & Lowry, 2019  
*Notoprotomima* Takeuchi & Lowry, 2015  
*Notorchestia* Serejo & Lowry, 2008  
*Oamaru* Lowry & Myers, 2019a  
*Omaiorchestia* Lowry & Myers, 2019a  
*Opunorchestia* Lowry & Myers, 2019a  
*Pakynus* Lowry & Myers, 2017  
*Panamapisa* Alves, Lowry, Neves & Johnsson, 2021

*Patonga* Lowry & Kilgallen, 2014b  
*Persianorchestia* Momtazi, Lowry & Hekmatara, 2017  
*Photosella* Lowry & Stoddart, 2011b  
*Pickorchestia* Lowry & Myers, 2019a  
*Pictonorchestia* Lowry & Springthorpe, 2021  
*Pratinas* Stoddart & Lowry, 2010b  
*Rakiroa* Lowry & Fenwick, 1982  
*Renella* Lowry & Stoddart, 2012a  
*Richardsoniella* Lowry, Myers & Nakano, 2019  
*Riwo* Lowry & Stoddart, 1995c  
*Scolopostoma* Lowry & Stoddart, 1983  
*Sheardella* Lowry, 1984b  
*Sinbadorchestia* Lowry & Myers, 2019a  
*Smaraldia* Lowry & Stoddart, 2012a  
*Snaresorchestia* Lowry & Myers, 2019a  
*Speziorchestia* Lowry & Myers, 2019a  
*Stephonyx* Lowry & Stoddart, 1989c  
*Subantarctorchestia* Hughes & Lowry, 2023  
*Swaziator* Lowry & Myers, 2019a  
*Tagua* Lowry & Fenwick, 1982  
*Tasmanella* Lowry & Myers, 2019a  
 [= *Richardsoniella* Lowry, Myers & Nakano, 2019]  
*Tasmanosa* Lowry & Kilgallen, 2014b  
*Tatahipeke* Hughes & Lowry, 2023  
*Tayabasa* Kilgallen & Lowry, 2015a  
*Thaumodon* Lowry & Stoddart, 1995a  
*Thiorchestia* Lowry & Fanini, 2023  
*Thurstonella* Lowry & Zeidler, 2008  
*Tongorchestia* Lowry & Bopiah, 2013  
*Ulladulla* Lowry & Kilgallen, 2015a  
*Ultimachelium* Lowry & Stoddart, 2012a  
*Vallorchestia* Lowry, 2012  
*Verdeia* Lowry & Springthorpe, 2007  
*Wairua* Lowry & Myers, 2019a  
 [= *Kohuroa* Lowry, Myers & Nakano, 2019]  
*Wandin* Lowry & Stoddart, 1990  
*Wonga* Lowry & Stoddart, 2002a  
*Zhadia* Lowry & Fenwick, 1982

## Species (548)

*Aborolobatea insidiosa* Hughes & Lowry, 2009b  
*Acheronia pegasus* Lowry, 1984b  
*Acidostoma australis* Stoddart & Lowry, 2012  
*Acidostoma merimbula* Stoddart & Lowry, 2012  
*Acidostoma namibiensis* Stoddart & Lowry, 2012  
*Acidostoma tuberculata* Lowry & Stoddart, 1983b  
*Africorchestia meridionalis* Lowry & Baldanzi, 2016  
*Amaryllis carrascoi* Lowry & Stoddart, 2002a  
*Amaryllis croca* Lowry & Stoddart, 2002a  
*Amaryllis diana* Lowry & Stoddart, 2002a  
*Amaryllis kamata* Lowry & Stoddart, 2002a  
*Amaryllis keablei* Lowry & Stoddart, 2002a  
*Amaryllis migo* Lowry & Stoddart, 2002a  
*Amaryllis moona* Lowry & Stoddart, 2002a  
*Amaryllis olinda* Lowry & Stoddart, 2002a  
*Amaryllis philatelica* Lowry & Stoddart, 2002a  
*Amaryllis quokka* Lowry & Stoddart, 2002a  
*Amaryllis spencerensis* Lowry & Stoddart, 2002a  
*Ampelisca ballina* Lowry & Poore, 1985  
*Ampelisca bidura* Lowry & Poore, 1985  
*Ampelisca calooma* Lowry & Poore, 1985  
*Ampelisca capella* Poore & Lowry, 2023  
*Ampelisca dimboola* Lowry & Poore, 1985  
*Ampelisca euroa* Lowry & Poore, 1985  
*Ampelisca jingera* Lowry & Poore, 1985

*Ampelisca katoomba* Poore & Lowry, 2023  
*Ampelisca mingela* Poore & Lowry, 2023  
*Ampelisca narooma* Lowry & Poore, 1985  
*Ampelisca tilpa* Lowry & Poore, 1985  
*Ampelisca toora* Lowry & Poore, 1985  
*Ampelisca yuleba* Lowry & Poore, 1985  
*Amphorites annasona* Lowry & Stoddart, 2012b  
*Ampithoe caddi* Poore & Lowry, 1997  
*Ampithoe ngana* Poore & Lowry, 1997  
*Andaniotes bagabag* Lowry & Stoddart, 1995c  
*Andaniotes kavkar* Lowry & Stoddart, 1995c  
*Arcitalitrus belbuca* Peart & Lowry, 2006  
*Arcitalitrus bundeena* Peart & Lowry, 2006  
*Arcitalitrus moonpar* Peart & Lowry, 2006  
*Arcitalitrus nana* Peart & Lowry, 2006  
*Arcitalitrus orara* Peart & Lowry, 2006  
*Arcitalitrus thora* Peart & Lowry, 2006  
*Aristias captiva* Lowry & Stoddart, 1997  
*Aristias coriolis* Lowry & Stoddart, 1993  
*Aristias eden* Stoddart & Lowry, 2010b  
*Aristias gomoni* Stoddart & Lowry, 2010b  
*Aristias nowra* Stoddart & Lowry, 2010b  
*Aristias otway* Stoddart & Lowry, 2010b  
*Aristias poorei* Stoddart & Lowry, 2010b  
*Aristias thio* Lowry & Stoddart, 1994  
*Aristias uokonia* Lowry & Stoddart, 1994  
*Aristias verdensis* Lowry & Stoddart, 1993  
*Aroui americana* Lowry & Stoddart, 1997  
*Aroui hamatopodus* Lowry & Stoddart, 1989a  
*Australomicroprotopus megacoxa* Myers, Lowry & Billingham, 2016  
*Australorchestia occidentalis* Serejo & Lowry, 2008  
*Australorchestia tantabiddyensis* Lowry & Springthorpe, 2015b  
*Austrocallisoma jerryi* Kilgallen & Lowry, 2015a  
*Bamarooka anomala* Lowry & Stoddart, 2002a  
*Bamarooka dinjerra* Lowry & Stoddart, 2002a  
*Bamarooka endota* Lowry & Stoddart, 2002a  
*Bamarooka kimbla* Lowry & Stoddart, 2002a  
*Bamarooka tropicalis* Lowry & Stoddart, 2002a  
*Bathyamaryllis kapala* Lowry & Stoddart, 2002a  
*Bathyamaryllis ouvea* Lowry & Stoddart, 1994  
*Bathynomus brucei* Lowry & Dempsey, 2006  
*Bathynomus bruscai* Lowry & Dempsey, 2006  
*Bathynomus crosnieri* Lowry & Dempsey, 2006  
*Bathynomus keablei* Lowry & Dempsey, 2006  
*Bathynomus kensleyi* Lowry & Dempsey, 2006  
*Bathynomus richeri* Lowry & Dempsey, 2006  
*Bathypoma enigma* Lowry & Berents, 1996  
*Bellorchestia mariae* Lowry, 2012  
 [= *B. pravidactyla* Haswell, 1880]  
*Bellorchestia richardsoni* Serejo & Lowry, 2008  
 [= *B. pravidactyla* Haswell, 1880]  
*Biancolina brassicacephala* Lowry, 1974a  
*Boca campi* Lowry & Stoddart, 1997  
*Boca elvae* Lowry & Stoddart, 1997  
*Boca megchela* Lowry & Stoddart, 1997  
*Bolittsia myersi* Azman & Lowry, 2009  
*Bonassa bonairensis* Lowry & Stoddart, 1997  
*Byblis bega* Lowry & Poore, 1985  
*Byblis gerara* Lowry & Poore, 1985  
*Byblis liena* Poore & Lowry, 2023  
*Byblis mildura* Lowry & Poore, 1985  
*Byblis pialba* Poore & Lowry, 2023  
*Byblis tinamba* Lowry & Poore, 1985  
*Byblis wadara* Poore & Lowry, 2023  
*Cardomanica andersoni* Lowry, 1985b  
*Cardomanica quadricornuta* Lowry, 1985b  
*Carpentaria tropicalis* Lowry, Springthorpe & Myers, 2020  
*Cedrosella cito* Lowry & Kilgallen, 2014b  
*Ceradocopsis macracantha* Lowry & Fenwick, 1982

- Ceradocus circe* Lowry & Springthorpe, 2005b  
*Cerapus bundegi* Lowry & Berents, 2005  
*Cerapus chaomai* Lowry & Berents, 2002  
*Cerapus cudjoe* Lowry & Thomas, 1991  
*Cerapus fallohideus* Lowry, 1981a  
 [Notopoma Lowry & Berents, 1996]  
*Cerapus harfootus* Lowry, 1981a  
 [Notopoma Lowry & Berents, 1996]  
*Cerapus murrayae* Lowry & Berents, 2005  
*Cerapus oceanicus* Lowry, 1985a  
*Cerapus pacificus* Lowry, 1985a  
*Cerapus stoorus* Lowry, 1981a  
 [Notopoma Lowry & Berents, 1996]  
*Cerapus volucola* Lowry & Berents, 2005  
*Cerapus yuyatalay* Lowry & Berents, 2002  
*Cheirimedon chevreuxi* Kilgallen & Lowry, 2015c  
*Cheirimedon danai* Kilgallen & Lowry, 2015c  
*Cheirimedon gurjanovae* Kilgallen & Lowry, 2015c  
*Cheirimedon hendrycksi* Kilgallen & Lowry, 2015c  
*Cheirimedon hurleyi* Kilgallen & Lowry, 2015c  
*Cheirimedon margaretae* Kilgallen & Lowry, 2015c  
*Cheirimedon norna* Kilgallen & Lowry, 2015c  
*Cheirimedon posidonia* Kilgallen & Lowry, 2015c  
*Cheirimedon rodondo* Kilgallen & Lowry, 2015c  
*Cheirimedon stebbingi* Kilgallen & Lowry, 2015c  
*Cheirimedon thirroul* Kilgallen & Lowry, 2015c  
*Cheirimedon towamba* Kilgallen & Lowry, 2015c  
*Cheirimedon trigonum* Kilgallen & Lowry, 2015c  
*Cheirimedon truncatus* Kilgallen & Lowry, 2015c  
*Chroestia amoa* Lowry & Fanini, 2023  
*Clepidecrella abeona* Lowry & Stoddart, 2010d  
*Clepidecrella cataraqi* Lowry & Stoddart, 2010d  
*Clepidecrella colliboi* Lowry & Stoddart, 2010d  
*Clepidecrella ira* Lowry & Stoddart, 2010d  
*Clepidecrella tropicalis* Lowry & Stoddart, 1994  
*Clippertonia schmitti* Lowry & Myers, 2020  
*Coboldus mbrensis* Lowry & Myers, 2003  
*Cochinorchestia lindsayae* Lowry & Springthorpe, 2015b  
*Cochinorchestia metcalfeae* Lowry & Springthorpe, 2015b  
*Cochinorchestia morrumbene* Lowry & Springthorpe, 2015b  
*Cochinorchestia poka* Lowry & Springthorpe, 2015b  
*Cochinorchestia tulear* Lowry & Springthorpe, 2015b  
*Conicostoma fenwicki* Lowry & Stoddart, 1984b  
 [Ocosingo Lowry & Stoddart, 2012b]  
*Conicostoma karta* Lowry & Stoddart, 1984b  
*Coriolisa novacaledonia* Lowry & Stoddart, 1994  
*Corophium colo* Lowry, 2004  
*Curdia knoxi* Lowry & Myers, 2003  
*Curdia ramonae* Lowry & Myers, 2003  
*Cymadusa alyxis* Hughes & Lowry, 2009a  
*Cymadusa hoeyae* Hughes & Lowry, 2009a  
*Cymadusa khbarnardi* Hughes & Lowry, 2009a  
*Cymadusa mariabyrneae* Hughes & Lowry, 2009a  
*Cymadusa munnu* Poore & Lowry, 1997  
*Cymadusa smilodonta* Hughes & Lowry, 2009a  
*Cyphocaris ananke* Hughes & Lowry, 2015c  
*Cyphocaris bellona* Lowry & Stoddart, 1994  
*Cyphocaris nesoi* Hughes & Lowry, 2015c  
*Cyphocaris tartaros* Hughes & Lowry, 2015c  
*Cyphocaris tunicola* Lowry & Stoddart, 1997  
*Demaorchestia hatakejima* Lowry & Myers, 2022  
*Demaorchestia mie* Lowry & Myers, 2022  
*Demaorchestia pseudojoi* Lowry & Myers, 2022  
*Des griffin* Lowry & Kilgallen, 2014c  
*Devo dubuc* Lowry & Stoddart, 2002a  
*Devo grahami* Lowry & Stoddart, 2002a  
*Didymochelia ledoyeri* Lowry & Stoddart, 1995b  
*Dissiminassa homosassa* Lowry & Stoddart, 1997  
*Drummondia corinellae* Lowry, 1984b  
*Drummondia luce* Lowry & Stoddart, 2012a  
*Drummondia marlo* Lowry & Stoddart, 2012a  
*Drummondia parviramus* Lowry, 1984b  
*Drummondia tridentata* Lowry & Stoddart, 2012a  
*Dulichieilla guinea* Lowry & Springthorpe, 2007  
*Dulichieilla lecroyae* Lowry & Springthorpe, 2007  
*Dulichieilla oahu* Lowry & Springthorpe, 2007  
*Dulichieilla pacifica* Lowry & Springthorpe, 2005b  
*Dulichieilla terminos* Lowry & Springthorpe, 2007  
*Dulichieilla tomioka* Lowry & Springthorpe, 2007  
*Dulichieilla tulear* Lowry & Springthorpe, 2007  
*Dulzura taylorae* Springthorpe & Lowry, 2009  
*Eclecticicus eclecticus* Lowry & Stoddart, 1997  
*Ekelofia eltanin* Lowry & Stoddart, 2012a  
*Elasmopus arafura* Hughes & Lowry, 2011  
*Elasmopus arrawarra* Hughes & Lowry, 2006  
*Elasmopus carteri* Hughes & Lowry, 2011  
*Elasmopus hyperopia* Hughes & Lowry, 2011  
*Elasmopus leveque* Hughes & Lowry, 2011  
*Elasmopus mcluerensis* Hughes & Lowry, 2011  
*Elasmopus otus* Hughes & Lowry, 2011  
*Elasmopus shepherdii* Hughes & Lowry, 2011  
*Elasmopus slatyeri* Lowry & Hughes, 2009b  
*Elasmopus varanocephalensis* Lowry & Hughes, 2009b  
*Elasmopus warra* Kelaher & Lowry, 2002  
*Elasmopus woodjonesi* Hughes & Lowry, 2011  
*Endevoura inusitata* Lowry & Hughes, 2015a  
*Endevoura prodigium* Lowry & Hughes, 2015a  
*Ensayara evax* Lowry & Hughes, 2015a  
*Ensayara iara* Lowry & Stoddart, 1983b  
*Ensayara laetum* Lowry & Hughes, 2015a  
*Epimeria rafaeli* Coleman & Lowry, 2014  
*Erichthonius forbesii* Hughes & Lowry, 2006  
*Erichthonius rodneyi* Hughes & Lowry, 2006  
*Erikus dahli* Lowry & Stoddart, 1987  
*Eriopisella morteni* Myers, Lowry & Barnes, 2018  
*Eucallisoma barnardi* Lowry & Stoddart, 1993  
 [Tayabasa Kilgallen & Lowry, 2015a]  
*Euonyx urantia* Lowry & Kilgallen, 2014c  
*Euonyx xarifa* Lowry & Kilgallen, 2014c  
*Eurythenes thurstoni* Stoddart & Lowry, 2004  
*Exampithoe (Melanesius) kutti* Poore & Lowry, 1997  
*Figorella angulosa* Lowry & Stoddart, 2012a  
*Figorella corindon* Lowry & Stoddart, 1993  
*Figorella formosa* Lowry & Stoddart, 2012a  
*Figorella franklin* Lowry & Stoddart, 2012a  
*Figorella tasmanica* Lowry, 1984b  
*Floresorchestia andrevo* Lowry & Springthorpe, 2015a  
*Floresorchestia australis* Lowry & Springthorpe, 2009c  
 [Austropacifica Lowry & Springthorpe, 2009]  
*Floresorchestia itampolo* Lowry & Springthorpe, 2015a  
 [Gazia Lowry & Springthorpe, 2019]  
*Floresorchestia kalili* Lowry & Springthorpe, 2015a  
*Floresorchestia laurenae* Lowry & Springthorpe, 2015a  
*Floresorchestia oluanpi* Lowry & Springthorpe, 2015a  
*Floresorchestia palau* Lowry & Myers, 2013c  
*Floresorchestia papeari* Lowry & Springthorpe, 2015a  
*Floresorchestia pohnpei* Lowry & Myers, 2013c  
*Floresorchestia poorei* Lowry & Springthorpe, 2009b  
*Floresorchestia serejoae* Lowry & Springthorpe, 2015a  
*Floresorchestia seringat* Lowry & Springthorpe, 2015a  
*Floresorchestia yap* Lowry & Springthorpe, 2015a  
*Fluviadulzura spinicauda* Myers, Lowry & Billingham, 2017  
*Gabophilias gabiae* Coleman & Lowry, 2012b  
*Gabophilias kerstinae* Coleman & Lowry, 2012b  
*Galathella bassiana* Lowry & Stoddart, 1995a  
*Galathella palana* Lowry & Stoddart, 1995a  
*Gammarella hybophora* Lowry & Fenwick, 1982  
*Gammareopsis legoliath* Hughes & Lowry, 2006

- Gazia gazi* Lowry & Springthorpe, 2019  
*Gbroidea dingaalana* Lowry & Azman, 2008  
*Gippsia jonesae* Lowry & Stoddart, 1995a  
*Gondwanorchestia tristanensis* Lowry, Myers & Perez-Schultheiss, 2020  
*Halic sublittoralis* Lowry, 1979  
*Haliogeneia crosnieri* Lowry & Stoddart, 1998  
*Haploops oonah* Lowry & Poore, 1985  
*Hermesorchestia alastairi* Hughes & Lowry, 2017  
*Hippomedon hake* Lowry & Stoddart, 1983b  
*Hippomedon hippolyte* Kilgallen & Lowry, 2015b  
*Hippomedon manene* Lowry & Stoddart, 1983b  
 [Paracentromedon Chevreux & Fage, 1925]  
*Hippomedon matikuku* Lowry & Stoddart, 1983b  
 [Paracentromedon Chevreux & Fage, 1925]  
*Hippomedon pensacola* Lowry & Stoddart, 1997  
*Hippomedon tourville* Kilgallen & Lowry, 2015b  
*Hippomedon vao* Lowry & Stoddart, 1994  
*Hirondellea diamantina* Lowry & Stoddart, 2010a  
*Hirondellea endeavour* Lowry & Stoddart, 2010a  
*Hirondellea franklin* Lowry & Stoddart, 2010a  
*Hirondellea kapala* Lowry & Stoddart, 2010a  
*Hirondellea naturaliste* Lowry & Stoddart, 2010a  
*Hoho cornishi* Hughes & Lowry, 2006  
*Hoho hirtipalma* Lowry & Fenwick, 1982  
*Ichnopus annasona* Lowry & Stoddart, 1992  
*Ichnopus capricornus* Lowry & Stoddart, 1992  
*Ichnopus caritus* Lowry & Stoddart, 1992  
*Ichnopus comorensis* Lowry & Stoddart, 1992  
*Ichnopus cribensis* Lowry & Stoddart, 1992  
*Ichnopus malpatum* Lowry & Stoddart, 1992  
*Ichnopus parriwi* Lowry & Stoddart, 1992  
*Ichnopus wardi* Lowry & Stoddart, 1992  
*Icilius caledoniana* Watson, Lowry & Steinberg, 2004  
*Icilius crinocolus* Watson, Lowry & Steinberg, 2004  
*Icilius puchellus* Watson, Lowry & Steinberg, 2004  
*Ingolfiella australiana* Lowry & Poore, 1989  
*Ingolfiella bassiana* Lowry & Poore, 1989  
*Insularorchestia susorum* Lowry & Myers, 2022  
*Iphimedia beesleyae* Coleman & Lowry, 2006b  
*Iphimedia caledoniana* Lowry & Myers, 2003  
*Iphimedia damawan* Lowry & Myers, 2003  
*Iphimedia filmersankeyi* Coleman & Lowry, 2006b  
*Iphimedia kateae* Coleman & Lowry, 2006b  
*Iphimedia lisae* Coleman & Lowry, 2006b  
*Iphimedia maitrensis* Lowry & Myers, 2003  
*Iphimedia mizeqwadan* Lowry & Myers, 2003  
*Iphimedia neuweileri* Coleman & Lowry, 2006b  
*Iphimedia oetkeri* Coleman & Lowry, 2006b  
*Iphimedia phuketensis* Lowry & Myers, 2003  
*Iphimedia poorei* Coleman & Lowry, 2009b  
*Iphimedia rachanoi* Lowry & Myers, 2003  
*Iphiplateia jakei* Coleman & Lowry, 2012a  
*Iphiplateia marleneae* Coleman & Lowry, 2012a  
*Iphiplateia verenaee* Coleman & Lowry, 2012a  
*Izinkala griffithsi* Lowry & Stoddart, 2010c  
*Jeanjustia pedra* Lowry & Myers, 2003  
 [Parepimeria Chevreux, 1911]  
*Kakanui punui* Lowry & Stoddart, 1983b  
*Kapalana amelga* Berents & Lowry, 2018  
*Kapalana durraveen* Berents & Lowry, 2018  
*Kapalana kimbla* Berents & Lowry, 2018  
*Kapalana maia* Berents & Lowry, 2018  
*Kapalana michaelmas* Berents & Lowry, 2018  
*Kapalana stebbingi* Berents & Lowry, 2018  
*Kapalana wadei* Berents & Lowry, 2018  
*Kerguelenia euroka* Lowry & Stoddart, 2010d  
*Kerguelenia kanowna* Lowry & Stoddart, 2010d  
*Kerguelenia kawatiri* Lowry & Stoddart, 2010d  
*Kerguelenia koutoumo* Lowry & Stoddart, 1994  
*Kerguelenia leura* Lowry & Stoddart, 2010d  
*Kerguelenia lifou* Lowry & Stoddart, 1994  
*Kerguelenia matilda* Lowry & Stoddart, 2010d  
*Lepidepcreella nellae* Stoddart & Lowry, 2010c  
*Lepidepcreella sarcelle* Lowry & Stoddart, 1994  
*Lepidepcreoides bassi* Lowry & Stoddart, 2002b  
*Lepidepcreoides chincui* Lowry & Stoddart, 2002b  
*Lepidepcreoides talboti* Lowry & Stoddart, 2002b  
*Lepidepcreoides torresi* Lowry & Stoddart, 2002b  
*Lepidepcreum andamanensis* Lowry & Stoddart, 2002c  
*Lepidepcreum baudini* Lowry & Stoddart, 2002b  
*Lepidepcreum dampieri* Lowry & Stoddart, 2002b  
*Lepidepcreum flindersi* Lowry & Stoddart, 2002b  
*Lepidepcreum freycineti* Lowry & Stoddart, 2002b  
*Lepidepcreum hirayamai* Lowry & Stoddart, 2002c  
*Lepidepcreum somchaiti* Lowry & Stoddart, 2002c  
*Lepidepcreum takeuchii* Lowry & Stoddart, 2002c  
*Lepidepcreum tourville* Lowry & Stoddart, 2002b  
*Liljeborgia polonius* Hughes & Lowry, 2006  
*Linguimaera schicklae* Lowry & Springthorpe, 2005b  
*Lutriwita bradburyi* Lowry & Myers, 2012a  
*Lysianella lui* Lowry & Kilgallen, 2014b  
*Lysianella moonamoona* Lowry & Kilgallen, 2014b  
*Lysianopsis ozona* Lowry & Stoddart, 1997  
*Lysianopsis tieke* Lowry & Stoddart, 1983b  
*Magnovis elizabethae* Alves, Lowry & Johnsson, 2020  
*Mallacoota capricornia* Lowry & Hughes, 2009b  
*Mallacoota chandaniae* Lowry & Springthorpe, 2005b  
*Mallacoota euroka* Lowry & Springthorpe, 2005b  
*Mallacoota kameruka* Lowry & Springthorpe, 2005b  
*Mallacoota malua* Lowry & Springthorpe, 2005b  
*Mallacoota scopulosa* Lowry & Hughes, 2009b  
*Mauritiorchestia fayetta* Green, Appadoo, Lowry & Myers, 2021  
*Maxillipius commensalis* Lowry, 1984a  
*Melita ophicola* Lowry & Springthorpe, 2005b  
*Melita sampsonae* Lowry & Springthorpe, 2009d  
*Memana sarda* Stoddart & Lowry, 2010b  
*Membrilopus kensleyi* Lowry & Springthorpe, 2005a  
*Meraldia birgeri* Coleman & Lowry, 2006a  
*Meraldia madeleinae* Coleman & Lowry, 2006a  
*Meraldia yorki* Coleman & Lowry, 2006a  
*Metaprotella guileri* Takeuchi & Lowry, 2019  
*Metaprotella solitaria* Takeuchi & Lowry, 2019  
*Microlysias soela* Lowry & Kilgallen, 2014b  
*Microprotopus shoemakeri* Lowry, 1972  
*Microrchestia bousfieldi* Lowry & Peart, 2010  
*Microrchestia ntensis* Lowry & Springthorpe, 2015b  
*Microrchestia watsonae* Lowry & Peart, 2010  
*Minamitaltrus zoltani* White, Lowry & Morino, 2013  
*Miramaera thetis* Lowry & Springthorpe, 2005b  
 [Maeropsis Chevreux, 1919]  
*Monoculodes tropicalis* Hughes & Lowry, 2009b  
*Nagada garagassi* Lowry & Stoddart, 1995c  
*Nagada papua* Lowry & Stoddart, 1995c  
*Nagada uwedoae* Lowry & Stoddart, 1995c  
*Neoxenodice cryophile* Lowry, 1976  
*Normanion hipposideros* Stoddart & Lowry, 2010a  
*Normanion whoi* Stoddart & Lowry, 2010a  
*Notopoma africana* Lowry & Berents, 1996  
*Notopoma moorea* Lowry & Berents, 1996  
*Notopoma stoddartae* Lowry & Berents, 1996  
*Notoprotella cornuta* Takeuchi & Lowry, 2019  
*Notoprotomima smithi* Takeuchi & Lowry, 2015  
*Notorchestia lobata* Serejo & Lowry, 2008  
 [= *N. quadrimana* (Dana, 1852)]  
*Notorchestia naturaliste* Serejo & Lowry, 2008  
*Nuuanu kata* Lowry & Watson, 2002  
*Ochlesis caroleoninae* Coleman & Lowry, 2006a

- Ochlesis morgani* Coleman & Lowry, 2006a  
*Ocosingo yatala* Lowry & Stoddart, 2012b  
*Onesimoides abyssalis* Lowry & Stoddart, 1994  
*Onesimoides castellatus* Lowry & Stoddart, 1993b  
*Onesimoides mindoro* Lowry & Stoddart, 1993b  
*Onesimoides noseibeensis* Lowry & Stoddart, 1996  
*Onesimoides sandroi* Lowry & Stoddart, 1996  
*Oradarea dawa* Lowry & Myers, 2003  
*Orchestia forchuensis* Myers & Lowry, 2020b  
*Orchestia perezi* Myers & Lowry, 2020b  
*Orchestia tabladoi* Myers & Lowry, 2020b  
*Orchestia xylino* Lowry & Fanini, 2013b  
*Orchomene aahu* Lowry & Stoddart, 1983b  
 [Orchomenella Sars, 1890]  
*Orchomenella perdido* Lowry & Stoddart, 1997  
*Orchomenella thomasi* Lowry & Stoddart, 1997  
*Orthoprotella berentsae* Takeuchi & Lowry, 2007b  
 [Notoptotella Takeuchi & Lowry, 2007]  
*Pachychelium fucaensis* Lowry & Stoddart, 2012a  
*Pachychelium nicholli* Lowry, 1984b  
 [Ultimachelium Lowry & Stoddart, 2012a]  
*Pachychelium schellenbergi* Lowry, 1984b  
 [Ultimachelium Lowry & Stoddart, 2012a]  
*Pachychelium tropicalis* Lowry & Stoddart, 2012a  
*Pachynus denticulatum* Lowry, 1984b  
 [Pakynus Lowry & Myers, 2017]  
*Pachynus obsolescens* Lowry & Stoddart, 2012a  
 [Pakynus Lowry & Myers, 2017]  
*Pachynus pugillator* Lowry, 1984b  
 [Pakynus Lowry & Myers, 2017]  
*Panamapisa guaymii* Alves, Lowry, Neves & Johnsson, 2021  
*Paracallisoma woolgoolga* Kilgallen & Lowry, 2015a  
 [Haptocallisoma Kilgallen & Lowry, 2015a]  
*Paracallisoma zivianii* Kilgallen & Lowry, 2015a  
*Paracentromedon pacificus* Lowry & Stoddart, 1993b  
*Parachevreuxiella justii* Lowry & Stoddart, 2011a  
*Paralysianopsis capricornia* Lowry & Kilgallen, 2014b  
*Paralysianopsis dandenong* Lowry & Kilgallen, 2014b  
*Paralysianopsis mazamoz* Lowry & Stoddart, 1995c  
*Paralysianopsis padoz* Lowry & Stoddart, 1995c  
*Paralysianopsis pomona* Lowry & Kilgallen, 2014b  
*Paralysianopsis ruffoi* Lowry & Kilgallen, 2014b  
*Parawaldeckia angusta* Lowry & Stoddart, 1983b  
*Parawaldeckia dabita* Lowry & Stoddart, 1983a  
*Parawaldeckia hirsuta* Lowry & Stoddart, 1983a  
*Parawaldeckia karaka* Lowry & Stoddart, 1983b  
*Parawaldeckia parata* Lowry & Stoddart, 1983b  
*Parawaldeckia pulchra* Lowry & Stoddart, 1983a  
*Parawaldeckia suzae* Lowry & Stoddart, 1983a  
*Parawaldeckia vesca* Lowry & Stoddart, 1983a  
*Parelasomopus cymatilis* Lowry & Hughes, 2009b  
*Parelasomopus sowpigensis* Lowry & Springthorpe, 2005b  
*Parschisturella martrudan* Lowry & Kilgallen, 2014c  
*Parschisturella medora* Lowry & Kilgallen, 2014c  
*Parschisturella pilot* Lowry & Kilgallen, 2014c  
*Patonga nona* Lowry & Kilgallen, 2014b  
*Peramphithoe parmerong* Poore & Lowry, 1997  
 [Sunamphitoe Poore & Lowry, 1997]  
*Pereionotus dieteri* Coleman & Lowry, 2012c  
*Pereionotus hartmuti* Coleman & Lowry, 2012c  
*Pereionotus hirayamai* Coleman & Lowry, 2012c  
*Pereionotus yongensis* Coleman & Lowry, 2012c  
*Periculodes talboti* Hughes & Lowry, 2009b  
*Persianorchestia nirvana* Momtazi, Lowry & Hekmatara, 2017  
*Photis nigrocula* Lowry, 1979  
*Photis phaeocula* Lowry, 1979  
*Platorchestia ano* Lowry & Bopiah, 2013  
*Platorchestia paraplatisensis* Serejo & Lowry, 2008  
*Platorchestia exter* Myers & Lowry, 2023  
*Platorchestia griffithsi* Myers & Lowry, 2023  
*Platorchestia negevensis* Myers & Lowry, 2023  
*Platorchestia oliveirae* Myers & Lowry, 2023  
*Platorchestia smithi* Lowry, 2012  
*Podoprion ruffoi* Lowry & Stoddart, 1996  
*Podoprionella bulla* Stoddart & Lowry, 2010a  
*Podoprionella dagadugaban* Lowry & Stoddart, 1995c  
*Podoprionides akantha* Stoddart & Lowry, 2010a  
*Podoprionides moonamoona* Stoddart & Lowry, 2010a  
*Prachynella epa* Lowry & Stoddart, 2012a  
*Prachynella oculata* Lowry & Stoddart, 2012a  
*Prachynella shijiki* Lowry & Stoddart, 2012a  
*Pratinas ludmilla* Stoddart & Lowry, 2010b  
*Prosocratus carolinae* Coleman & Lowry, 2009a  
*Protohyale solitaire* Hughes & Lowry, 2006  
*Protorchestia ceduna* Serejo & Lowry, 2008  
*Pseudamaryllis andresi* Lowry & Stoddart, 1993b  
*Pseudambasia dartnalli* Kilgallen & Lowry, 2013  
*Pseudambasia lochi* Kilgallen & Lowry, 2013  
*Pseudambasia ponderi* Kilgallen & Lowry, 2013  
*Pseudambasia poorei* Kilgallen & Lowry, 2013  
*Pseudambasia sheardi* Kilgallen & Lowry, 2013  
*Pseudambasia springthorpei* Kilgallen & Lowry, 2013  
*Pseudocyphocaris gosema* Lowry & Stoddart, 1990  
*Pseudocyphocaris lobata* Lowry & Stoddart, 1990  
*Quadriviso saerina* Lowry & Springthorpe, 2005b  
*Rakiroa rima* Lowry & Fenwick, 1982  
*Regalia juliana* Lowry & Springthorpe, 2005a  
 [Tepidopleustes Karaman & Barnard, 1979]  
*Rhachotropis eliottana* Lowry & Springthorpe, 2005a  
*Rhinolabia eliotti* Lowry & Stoddart, 1995c  
 [Paralysianopsis Schellenberg, 1931]  
*Rhinolabia jebbi* Lowry & Stoddart, 1995c  
 [Paralysianopsis Schellenberg, 1931]  
*Rhinolabia paeowai* Lowry & Stoddart, 1995c  
 [Paralysianopsis Schellenberg, 1931]  
*Rimakoroga floridiana* Lowry & Stoddart, 1997  
*Riwo mizeui* Lowry & Stoddart, 1995c  
*Riwo zeidleri* Hughes & Lowry, 2015b  
*Sancho kuiteri* Lowry & J. L. Barnard, 2001  
*Schisturella rosa* Kilgallen & Lowry, 2014  
*Scopelocheirus sossi* Zettler, Bastrop & Lowry, 2023  
*Scolopostoma darwinensis* Lowry & Stoddart, 2012b  
*Scolopostoma keurboomstrandensis* Lowry & Stoddart, 2012b  
*Scolopostoma norah* Lowry & Stoddart, 2012b  
*Sheardella kapala* Lowry, 1984b  
*Sheardella tangaroa* Lowry, 1984b  
*Shoemakerella barnardi* Lowry & Stoddart, 2009b  
*Shoemakerella subchelata* Sorrentino, Senna & Lowry, 2014  
*Smaraldia springthorpei* Lowry & Stoddart, 2012a  
*Socarnella delectabilis* Hughes & Lowry, 2015b  
*Socarnes rurutu* Lowry & Stoddart, 1994  
*Socarnes tiendi* Lowry & Stoddart, 1994  
*Socarnes tuscarora* Lowry & Stoddart, 1994  
*Socarnopsis honiara* Lowry & Stoddart, 1994  
*Socarnopsis tandai* Lowry & Stoddart, 1994  
*Sophrosyne abyssi* Lowry & Stoddart, 2010b  
*Sophrosyne californica* Lowry & Stoddart, 2010b  
*Sophrosyne contractia* Lowry & Stoddart, 2010b  
*Sophrosyne integricauda* Lowry & Stoddart, 2010b  
*Sophrosyne inverarae* Lowry & Stoddart, 2010b  
*Sophrosyne ledoyeri* Lowry & Stoddart, 2010b  
*Sophrosyne moorei* Lowry & Stoddart, 2010b  
*Sophrosyne peartae* Lowry & Stoddart, 2010b  
*Sophrosyne rodondo* Lowry & Stoddart, 2010b  
*Sophrosyne ruffoi* Lowry & Stoddart, 2010b  
*Stephonyx rafaeli* Lowry & Kilgallen, 2014c  
*Stomacontion hurleyi* Lowry & Stoddart, 1983b  
 [Amphorites Lowry & Stoddart, 2012b]



- Stomacontion pungapunga* Lowry & Stoddart, 1983b  
[*Amphorites* Lowry & Stoddart, 2012b]  
*Sunamphitoe graxon* Freewater & Lowry, 1994  
*Tagua aporema* Lowry & Fenwick, 1982  
*Talorchestia anaka* Lowry & Springthorpe, 2019  
*Talorchestia brucei* Lowry & Springthorpe, 2009a  
*Talorchestia bunaken* Lowry, Springthorpe & Azman, 2017  
*Talorchestia dampieri* Lowry & Springthorpe, 2015b  
*Talorchestia dili* Lowry, Springthorpe & Azman, 2017  
*Talorchestia lakshadweepensis* Trivedi, Lowry, Myers & Keloth, 2020  
*Talorchestia qeshm* Lowry & Momtazi, 2015  
*Talorchestia seringat* Lowry, Springthorpe & Azman, 2017  
*Talorchestia sipadan* Lowry, Springthorpe & Azman, 2017  
*Talorchestia yoyoae* Lowry, Springthorpe & Azman, 2017  
*Tasmanosa tasman* Lowry & Kilgallen, 2014b  
*Tasmanosa toogooloo* Lowry & Kilgallen, 2014b  
*Tegano atkinsae* Lowry & Springthorpe, 2009d  
*Telsosynopia trifidilla* Hughes & Lowry, 2006  
*Tepidopleustes coffisiana* Hughes & Lowry, 2006  
*Thaumodon poorei* Lowry & Stoddart, 1995a  
*Thiorchestia caledoniana* Lowry & Fanini, 2023  
*Thrombasia evalina* Kilgallen & Lowry, 2014  
*Thrombasia saros* Kilgallen & Lowry, 2014  
*Thrombasia umina* Kilgallen & Lowry, 2014  
*Tongorchestia borabora* Lowry & Bopiah, 2014  
*Tongorchestia pangaimotu* Lowry & Bopiah, 2013  
*Tongorchestia towneri* Lowry & Bopiah, 2013  
*Trantorchestia marlo* Serejo & Lowry, 2008  
*Trischizostoma crosnieri* Lowry & Stoddart, 1993b  
*Trischizostoma richeri* Lowry & Stoddart, 1994  
*Tropicorchestia derbyensis* Lowry & Springthorpe, 2015b  
*Tropicorchestia glasbyi* Lowry & Springthorpe, 2015b  
*Tryphosella ama* Lowry & Stoddart, 1994  
*Tryphosella apalachicola* Lowry & Stoddart, 1997  
*Tryphosella astrolabensis* Lowry & Stoddart, 1995c  
*Tryphosella bet* Lowry & Stoddart, 2009b  
*Tryphosella betka* Lowry & Stoddart, 2011b  
*Tryphosella bicheno* Lowry & Stoddart, 2011b  
*Tryphosella camelooides* Lowry & Stoddart, 2009b  
*Tryphosella charlotteae* Lowry & Stoddart, 2009b  
[*Photosella* Lowry & Stoddart, 2011b]  
*Tryphosella chinchilla* Lowry & Stoddart, 2011b  
*Tryphosella cooee* Lowry & Stoddart, 2011b  
*Tryphosella flynnana* Lowry & Stoddart, 2009b  
*Tryphosella fortescue* Lowry & Stoddart, 2011b  
*Tryphosella freycinet* Lowry & Stoddart, 2011b  
*Tryphosella martrudan* Lowry & Stoddart, 2011b  
*Tryphosella oupi* Lowry & Stoddart, 1994  
*Tryphosella rodondo* Lowry & Stoddart, 2011b  
*Tryphosella schellenbergi* Lowry & Bullock, 1976  
[*Uristes* Dana, 1849]  
*Tryphosella seasana* Lowry & Stoddart, 2009b  
*Tryphosella serans* Lowry & Stoddart, 1983b  
*Tryphosella sorell* Lowry & Stoddart, 2011b  
*Tryphosella tathra* Lowry & Stoddart, 2011b  
*Tryphosella toowoomba* Lowry & Stoddart, 2011b  
*Tryphosella tuckanarra* Lowry & Stoddart, 2011b  
*Tryphosella wangaratta* Lowry & Stoddart, 2011b  
*Tryphosella wongada* Lowry & Stoddart, 1995c  
*Tryphosites colmani* Lowry & Kilgallen, 2014b  
*Tryphosites psittacus* Lowry & Kilgallen, 2014b  
*Ulladulla selje* Lowry & Kilgallen, 2015a  
*Ultimachelium tac* Lowry & Stoddart, 2012a  
*Victoriopisa marina* Lowry & Springthorpe, 2005b  
*Waldeckia bamberi* Lowry & Kilgallen, 2015b  
[*Charcotia* Chevreux, 1906]  
*Waldeckia dempseyae* Lowry & Kilgallen, 2014a  
[*Charcotia* Chevreux, 1906]  
*Waldeckia selayarensis* Lowry & Kilgallen, 2014a  
[*Charcotia* Chevreux, 1906]  
*Waldeckia tangaroa* Lowry & Kilgallen, 2014a  
[*Charcotia* Chevreux, 1906]  
*Waldeckia warreen* Lowry & Kilgallen, 2014a  
[*Charcotia* Chevreux, 1906]  
*Wandin griffini* Lowry & Stoddart, 1990  
*Wonga wonga* Lowry & Stoddart, 2002a  
*Zhadia subantarctica* Lowry & Fenwick, 1982

**Table 2.** Number of new species co-authored with Lowry.

co-author	number of new species co-authored
Helen Stoddart	215
Niamh Kilgallen	55
Roger Springthorpe	54
Lauren Hughes	40
Alan Myers	33
Gary Poore	23
Oliver Coleman	23
Penny Berents	16
Rachael Peart	8
Bin Abdul Rahim Azman	7