



IN MEMORIAM ALEXANDER JAMES (“SANDY”) BRUCE  
(25 FEBRUARY 1929-27 JULY 2022)

BY

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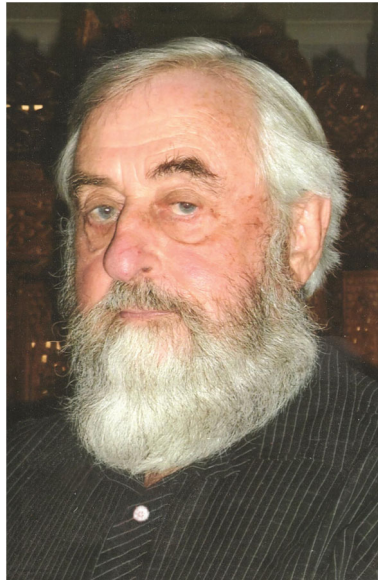


Fig. 1. A. J. (“Sandy”) Bruce, c. 2019.

Alexander James Bruce (fig. 1), known to all as Sandy, the Scottish diminutive of his first name, was born in North Harrow, part of the greater London area. He

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was the only son of Alexander James Horsburgh Bruce and Hilda Vera Bruce. His secondary education was at Merchant Taylor's school, a public school described by the alumni office 'as very strict' at that time, matriculating in 1947. From there, he went on to study medicine at St Mary's Hospital Medical School, University of London, in obtaining his BSc (Anatomy) in 1953 with an MBBS (Bachelor of Medicine, Bachelor of Surgery), the primary medical degree in the United Kingdom in 1956. There is little doubt that Sandy's father had ambitions for his son, and had pushed him into medical training, but from an early age it was evident that Sandy was more interested in and fascinated by natural history.

Information on Sandy's early life is scant. His secondary schooling is known, but there is very little information about his university years. We know that he had an early interest in nature, as do all young children, and there are stories of him looking for parasites in the mouth of a dead mouse and later dissecting a rat in his pre-teen years. After qualifying in medicine, he completed two years of conscripted National Service in Glasgow, as an army doctor, likely with the rank of Captain. There is little information as to how he made the transition from medicine to tropical shrimp taxonomy. Sandy was a seriously keen birdwatcher as a young man, and according to his stories he also had an interest in freshwater Crustacea. According to Sandy, his interest in Crustacea brought him into contact with two biologists, Richard Pike, then at the Millport Marine Station, close to Glasgow, who sparked Sandy's early interest in Epicaridea and also Maurice Yonge (later Sir Maurice), then at the University of Glasgow, the latter apparently recommending Sandy for the post of Fisheries Officer with EAMFRO (East African Marine Fisheries Organization), researching penaeid prawn fisheries in Zanzibar, under the then colonial Overseas Development Administration. It was that appointment that irrevocably moved Sandy on from his early interests to a love of the tropics, tropical and marine Crustacea and coral-reef shrimp in particular.

#### 1959-1962: EAST AFRICA 1, ZANZIBAR YEARS; FISHERIES BIOLOGIST WITH EAMFRO

In February of 1959, Sandy (fig. 2A), his wife Marguerite and the four young kids (aged 2-8 years old) moved to Zanzibar. It was in this period when Sandy lost all interest in birdwatching and cold-climate activities such as mountaineering. Although his employed work was focused on prawn fisheries, his field work trawling from the small trawler FRV "Shermin" and the much larger ocean-going FRV "Manahine" clearly sparked his interest in tropical crustaceans, and in palaemonid shrimps in particular. Zanzibar at the time was heading towards a revolution, and the family left before the island descended in the full rebellion against the colonial regime and against the Omani Arab ruling class. Fortuitously, Sandy had secured a position in Hong Kong.

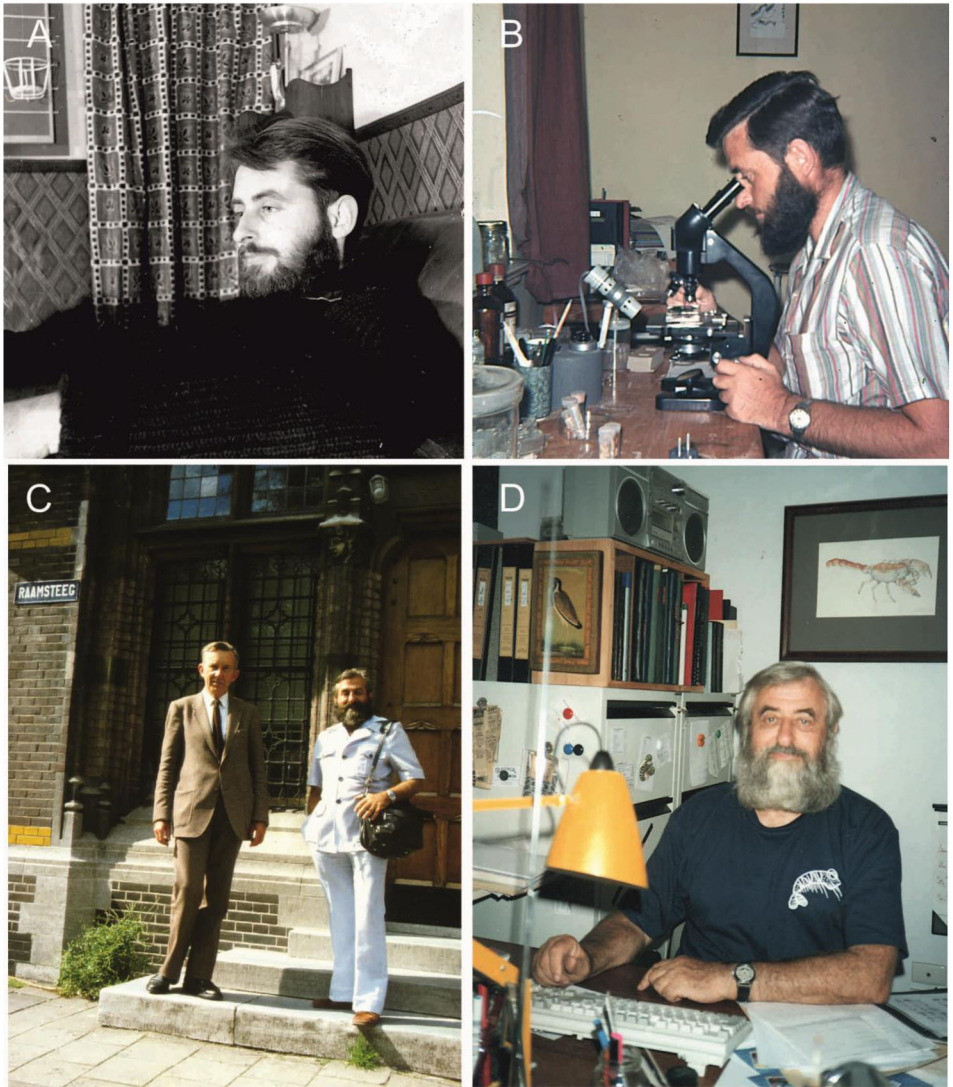


Fig. 2. Sandy Bruce: A, at home in Twickenham (U.K.), c. 1959; B, Hong Kong, c. 1964; C, visiting Prof. L. B. Holthuis in Leiden, 1982; D, Helensvale, c. 1995.

1963-1966: HONG KONG YEARS; FISHERIES BIOLOGIST, FISHERIES RESEARCH STATION, HONG KONG

Sandy was again working on commercial prawn fisheries, with considerable time spent in the field on the FRV “Cape St Mary”. It was at this time that the first of what became a steady flow of papers started, initially on a variety of mainly decapod taxa, but also epicaridean isopods, parasitic on decapod Crustacea; very quickly Sandy began to focus primarily on the (then) subfamily Pontoniinae

(fig. 2B). This was not a particularly happy period for Sandy as there did seem to be internal conflict within the research station, possibly because Sandy carrying out research on shrimps other than those he was contracted to work on. The impasse was resolved by the offer of a position heading up, what meant to have been the CSIRO Fisheries unit, to be built at Deception Bay in Queensland. The intention of his employers was that Sandy should start immediately, but he had secured a Nuffield Foundation (U.K.) grant to spend six months collecting and working in the Seychelles on the taxonomy of coral-reef Palaemonidae. Sandy took the family from Hong Kong, through Cambodia, Thailand, Malaysia and Singapore onto Bombay to board a cargo ship to Mahé in the Seychelles, and then six months later, to Mombasa and back to England.

It was in this period that Sandy took part in 1964 in the Ninth Cruise of the RV “Anton Bruun” as part of an international Indian Ocean expedition funded by the National Science Foundation (U.S.A.).

#### 1967-1969: QUEENSLAND; DIRECTOR, CSIRO FISHERIES, DECEPTION BAY

On arrival in Queensland the research lab at Deception had not even commenced being built. It proved to be another unsatisfactory appointment for Sandy. There was a team of scientists, and all were housed in temporary accommodation at Scarborough. Sandy hated to commute at all, and the family lived near the proposed site for the research station, at Deception Bay, ironically making him commute daily to the temporary site. At this time Deception Bay and Scarborough were well beyond the city limits of Brisbane, and very undeveloped from the perspective of city-habituated Europeans. Sandy worked actively on his shrimps, although entirely during weekends and evenings, including working throughout a rare family camping trip on one occasion. Sandy first visited Heron Island (with all the family) in 1968 to collect coral reef shrimps.

Sandy’s distaste for management and the continuing lack of a facility prompted him to quit the post, effectively a directorial position, to go back to working in East Africa for the now no longer colonial Overseas Development Administration. At the time he left Australia, construction of the CSIRO lab had not been started on, and indeed the research station was never built in Deception Bay, but morphed into a Queensland State Fisheries station in Cleveland, while CSIRO moved to another location.

#### 1969-1974: EAST AFRICA 2; FISHERIES BIOLOGIST EAMFRO, ZANZIBAR AND MOMBASA

When the family arrived in Zanzibar, the political and economic situation was dire. There were shortages of everything, local salaries were not paid, foreigners

were only allowed to travel within a three-kilometre boundary of the city, and most foreign nationals were followed by ‘agents’ rumoured to be GDR and North Korean security personnel; all mail was opened, censored or confiscated. Research in that environment was not possible and the research vessel FRV “Manahine” was effectively being used to bring supplies (food!) for the station staff. After a period of less than a year, most staff relocated to the north side of Mombasa, based in a suburban block at Nyali with two houses, one used as his family home and the other the ‘office and lab’. Mombasa was an ideal place for Sandy, with a large fringing reef within the lagoon a mere 10-minute walk from the house and no fisheries work to do due to lack of resources. Sandy was able to collect shrimps to his heart’s content in the intertidal and at shallow snorkel depths. The FRV “Manahine” was in active use in this period, with trawl and dredge collecting cruises as well as visits to Madagascar, the Seychelles and most other islands, providing yet more specimens to Sandy’s collection. The Mombasa station did have two diving capable staff, and they were often employed finding commensal shrimps at SCUBA depths. This contracted work ended in 1974.

1974-1980: U.K. AND THEN AUSTRALIA; DIRECTOR, HERON ISLAND RESEARCH STATION

Leaving Kenya, Sandy, together with Marguerite and their two daughters returned to England, living in Canterbury, at that time partly in order to be near his ageing parents. Sandy spent a lot of time on his shrimps during this year in England, with several articles published from the street address. Some not very appealing job possibilities had appeared, as far as Mexico, but they did not eventuate. Sandy may well have been saved from a long period of scientific inactivity by securing a job as the director of the Heron Island Research Station on the southern Great Barrier Reef.

Heron Island offered Sandy a unique opportunity - to live and to work on a coral reef. The position left him plenty of time for his research, and he went to it with a will. This period saw a real consolidation of his coral-reef experience and shrimp knowledge and the number of publications stemming from this period attest to that. By this time all his family were long independent, so, other than bureaucracy and management, his time was his own.

1980-1993: DARWIN; CURATOR OF CRUSTACEA, THEN HEAD OF NATURAL SCIENCES, MUSEUM AND ART GALLERY OF THE NORTHERN TERRITORY

Moving to Darwin in 1980 seemed to finally land Sandy in the working environment that he was most suited to — a natural history museum. He joined

at a time of active recruitment, and many of the appointments such as curators for Porifera, Cnidaria and Echinodermata very neatly supported Sandy's need to get the shrimp hosts identified. The marine invertebrate collections grew hugely in that period, in part due to operating a 'visiting curator' programme, and there is no question that Sandy left a lasting legacy of a large Australian and Indo-Pacific crustacean collection. Sandy worked there until his retirement in 1993, the longest position he held, and a period of uninterrupted stability that allowed him also to work internationally, most notably on the collections of the Muséum national d'Histoire naturelle in Paris with his long-time friend and colleague Alain Crosnier (1932-2021), and occasionally paying visits to other foreign museums as well (fig. 2C).

#### 1994-2022: HELENSVALE; THE RETIREMENT YEARS

After retirement, Sandy moved to the Brisbane area to be closer to family where he worked away on his accumulated collections, largely stored in the carport and house, and maintained his role as a Research Associate of the Queensland Museum in Brisbane (fig. 2D). Sandy published prolifically in this period as well as having an active correspondence with other shrimp researchers and responding to numerous identification requests. Sandy's international travel largely stopped at that point, other than family visits to New Zealand. Sandy remained active, working daily in his study until about 2015. At that time two events seem to coincide — an obvious error had been found in a manuscript that he had submitted, which horrified him, and then he said that one day he found that he was just no longer interested in shrimps! His life-long passion for discovery and describing had finally faded. At that same time, around his mid-80s, though still in good health, reading widely, he also stopped corresponding and reading e-mails. He carried on with his undemanding *Euphorbia* collection and enjoying being with Marguerite and their children, grandchildren and great-grandchildren up to the time of his death.

#### SCIENTIFIC ACHIEVEMENTS

In a career spanning 51 years, Sandy published 377 scientific papers and popular articles (Appendix I), the vast majority of which he sole authored. Throughout his career, he published on a variety of crustacean taxa, although the majority of his output was on a single shrimp family, Palaemonidae, specifically the then recognized subfamily Pontiinae of which he became the undisputed master.

Sandy described (or very rarely co-described) an astonishing 72 genera of Decapoda, and a total of 329 species, the majority of course within Palaemonidae

(62 genera, 286 species). Additionally, he described or co-described a further 7 genera and 14 species of Isopoda and 3 species of Mysidacea (Appendix II). In addition to the genera and species listed in Appendix II, Sandy also erected the shrimp family Kakaducarididae in 1993, but this has now been subsumed in Palaemonidae.

In a testament to his deep knowledge of shrimps, only 11 species have since been synonymized, often because he himself had already described the species some years prior. Only two of the genera that he described in Palaemonidae have since been synonymized, one of which, *Kemponia* Bruce, 2004 turned out to be a junior synonym of *Cuapetes* Clark, 1919. Sandy deeply regretted this, as he greatly admired Stanley Kemp, with Kemp's seminal 1922 work on Indian Pontoniinae being the only work available to him when he started in Zanzibar in 1959. It was thus logical that a further new species was named after S. Kemp in 2013 (*Conchodytes kempoides*).

It is evident that Sandy was held in great esteem by his carcinological colleagues as up to now, 39 decapod taxa, as well as 4 mysids, 3 isopods, 2 amphipods and one barnacle were named for him (Appendix III).

#### ACKNOWLEDGEMENTS

Charles Fransen, Christopher Boyko, Shane Ahyong, Arthur Anker and Peter Ng are acknowledged for assistance in re-constructing Sandy's publication list. Helmut Debelius kindly allowed use of one of his photos. This is NWU-Water Research Group contribution number 714.

#### APPENDIX I: PUBLICATIONS BY SANDY BRUCE

1965

- BRUCE, A. J., 1965. On a new species of *Nephrops* (Decapoda, Reptantia) from the South China Sea. *Crustaceana*, **9**(3): 274-284, pls. 13-15.
- BRUCE, A. J., 1965. On the occurrence of *Fennera chacei* Holthuis (Crustacea, Decapoda Natantia, Pontoniinae) in the Indian Ocean. *Journal of the Marine Biological Association of India*, **7**(1): 80-82.
- BRUCE, A. J., 1965. On the portunid crab *Podophthalmus minabensis* Sakai, 1962. *Zoologische Mededelingen*, **40**(31): 287-291.
- BRUCE, A. J., 1965. A new species of the genus *Linuparus* White, from the South China Sea (Crustacea Decapoda). *Zoologische Mededelingen*, **41**(1): 1-13, pls. 1-2.

1966

- BRUCE, A. J., 1966. An interesting new phryxid (Epicaridea) parasitic on a pontoniid shrimp. *Annals and Magazine of Natural History*, **13**(8): 285-390.
- BRUCE, A. J., 1966. The re-discovery of *Cavicheles kemp* Holthuis (Decapoda Natantia, Pontoniinae) in the Comores. *Bulletin du Muséum national d'Histoire naturelle*, (Sér. 2), **38**(3): 266-269.
- BRUCE, A. J., 1966. Notes on some Indo-Pacific Pontoniinae. XI. A re-examination of *Philarius lophos* Barnard, with the designation of a new genus, *Ischnopontonia*. *Bulletin of Marine Science*, **16**: 584-598.<sup>5)</sup>
- BRUCE, A. J., 1966. *Bathypalaemonella humilis* sp. nov., a new species of shrimp from the South China Sea (Decapoda, Campylonotidae). *Crustaceana*, **11**(3): 277-287.
- BRUCE, A. J., 1966. Notes on some Indo-Pacific Pontoniinae. I. *Periclimenes tosaensis* Kubo. *Crustaceana*, **10**(1): 15-22.
- BRUCE, A. J., 1966. *Nephrops sinensis* sp. nov., a new species of lobster from the South China Sea. *Crustaceana*, **10**(2): 155-166.
- BRUCE, A. J., 1966. *Nephrops australiensis* sp. nov., a new species of lobster from northern Australia (Decapoda, Reptantia). *Crustaceana*, **10**(3): 245-258.
- BRUCE, A. J., 1966. Sound production in the Nephropidae (Decapoda Reptantia). *Crustaceana*, **10**(3): 310.
- BRUCE, A. J., 1966. Notes on some Indo-Pacific Pontoniinae. II. *Platycaris latirostris* Holthuis. *Crustaceana*, **11**(1): 1-9.
- BRUCE, A. J., 1966. *Hymenopenaeus halli* sp. nov., a new species of penaeid prawn from the South China Sea (Decapoda, Penaeidae). *Crustaceana*, **11**(2): 216-224.
- BRUCE, A. J., 1966. Distribution of the genus *Nephrops* (Crustacea Decapoda Macrura) in the Indo-Pacific region. *Nature*, **209**(5022): 535.
- BRUCE, A. J., 1966. The first occurrence of the *Brachycarpus biunguiculatus* (Lucas) (Crustacea, Decapoda, Palaemonidae) in the western Indian Ocean. *Annals and Magazine of Natural History*, **13**(8): 399-401. [Imprint 1965].
- BRUCE, A. J., 1966. Notes on some Indo-Pacific Pontoniinae, X. *Periclimenes cristimanus* sp. nov., a new pontoniid shrimp from Singapore. *Annals and Magazine of Natural History*, **13**(8): 487-493. [Imprint 1965].

1967

- BRUCE, A. J., 1967. The results of the re-examination of the type specimens of some pontoniid shrimps in the collection of the Muséum national d'Histoire naturelle. *Bulletin du Muséum national d'Histoire naturelle*, (Sér. 2) **39**(3): 564-572.
- BRUCE, A. J., 1967. Notes on some Indo-Pacific Pontoniinae III-IX. Descriptions of some new genera and species from the western Indian Ocean and the South China Sea. *Zoologische Verhandelingen*, **87**: 1-73.

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<sup>5)</sup> Please note that, since A. J. Bruce's series of papers "Notes on some Indo-Pacific Pontoniinae" was published in several different periodicals, the order of appearance could deviate from the numerical order in which he numbered and wrote them.

1968

- BRUCE, A. J., 1968. A report on some pontoniid shrimps from New Caledonia (Crustacea Decapoda Natantia). *Bulletin du Muséum national d'Histoire naturelle*, (Sér. 2), **39**(6): 1148-1171.
- BRUCE, A. J., 1968. A new species of *Hypophryxus* (Isopoda, Bopyridae) from an Indo-Pacific pontoniid shrimp. *Crustaceana*, **14**(1): 13-20.
- BRUCE, A. J., 1968. Notes on some Indo-Pacific Pontoniinae. XII. The re-examination of the types of *Pontonia? brevisrostris* Miers, 1884, with the designation of a new genus, *Platypontonia* (Decapoda, Natantia). *Crustaceana*, **15**(3): 289-297.

1969

- BRUCE, A. J., 1969. Notes on some Indo-Pacific Pontoniinae. XIII. *Propontonia pellucida* gen. nov., sp. nov., a new pontoniid shrimp from the Amirante Islands. *Crustaceana*, **17**(2): 141-150.
- BRUCE, A. J., 1969. Notes on some Indo-Pacific Pontoniinae. XIV. Observations on *Paratypton siebenrocki* Balss. *Crustaceana*, **17**(2): 171-186, pl. 1.
- BRUCE, A. J., 1969. Observations upon the host specificity and distribution of *Jocaste japonica* (Ortmann) and *Jocaste lucina* (Nobili) (Decapoda Natantia, Pontoniinae). *Crustaceana*, **17**(3): 298-302.
- BRUCE, A. J., 1969. Preliminary descriptions of sixteen new species of the genus *Periclimenes* Costa, 1844 (Crustacea, Decapoda Natantia, Pontoniinae). *Zoologische Mededelingen*, **43**(20): 253-278.
- BRUCE, A. J., 1969. Preliminary descriptions of ten new species of the genus *Periclimenaeus* Borradaile, 1915 (Crustacea, Decapoda Natantia, Pontoniinae). *Zoologische Mededelingen*, **44**(12): 159-176.

1970

- BRUCE, A. J., 1970. Notes on some Indo-Pacific Pontoniinae. XV. *Hamopontonia corallicola* gen. nov., sp. nov., a new pontoniid shrimp from Hong Kong. *Crustaceana*, **18**(1): 37-48.
- BRUCE, A. J., 1970. Occurrence of the shrimp *Discias exul* Kemp, 1920 (Decapoda, Natantia, Disciadidae) on the Great Barrier Reef, Australia. *Crustaceana*, **18**(3): 315-317.
- BRUCE, A. J., 1970. Observations on the Indo-West Pacific species of the genus *Palaemonella* Dana, 1852 (Decapoda, Pontoniinae). *Crustaceana*, **19**(3): 273-287.
- BRUCE, A. J., 1970. On the identity of *Periclimenes pusillus* Ratbun, 1906 (Decapoda, Pontoniinae). *Crustaceana*, **19**(3): 306-310.
- BRUCE, A. J., 1970. Report on some commensal pontoniid shrimps (Crustacea: Palaemonidae) associated with an Indo-Pacific gorgonian host (Coelenterata: Gorgonacea). *Journal of Zoology*, London, **160**: 537-544.
- BRUCE, A. J., 1970. Further preliminary descriptions of new species of the genus *Periclimenaeus* Borradaile, 1915, (Crustacea, Decapoda Natantia, Pontoniinae). *Zoologische Mededelingen*, **44**(21): 305-315.

1971

- BRUCE, A. J., 1971. Notes on some Indo-Pacific Pontoniinae. XVI. *Onycocaris seychellensis* sp. nov., a new species of shrimp from Mahé. *Crustaceana*, **20**(2): 208-218.
- BRUCE, A. J., 1971. Notes on some Indo-Pacific Pontoniinae. XVII. *Eupontonia noctalbata* gen. nov., sp. nov., a new pontoniid shrimp from Mahé, the Seychelle Islands. *Crustaceana*, **20**(3): 225-236.
- BRUCE, A. J., 1971. *Onycocaris zanzibarica* sp. nov., a new pontoniid shrimp from East Africa. *Journal of Natural History*, **5**: 293-298.
- BRUCE, A. J., 1971. *Aretopsis amabilis* De Man, an alpheid shrimp commensal of pagurid crabs in the Seychelle Islands. *Journal of the Marine Biological Association of India*, **11**: 175-181. [Imprint 1969].
- BRUCE, A. J., 1971. On a new commensal shrimp *Periclimenes hirsutus* sp. nov. (Crustacea, Decapoda Natantia, Pontoniinae) from Fiji. *Pacific Science*, **25**: 91-99.
- BRUCE, A. J., 1971. *Periclimenes attenuatus* sp. nov. (Crustacea Decapoda, Natantia, Pontoniinae), a new commensal shrimp from the Duke of York Islands. *Pacific Science*, **25**: 533-544.
- BRUCE, A. J., 1971. Pontoniid shrimps from the ninth cruise of R/V *Anton Bruun*, IIOE, 1964: I. *Palaemonella* Dana and *Periclimenes* Costa. *Smithsonian Contributions to Zoology*, **82**: 1-13.
- BRUCE, A. J., 1971. Records of some rare pontoniid shrimps from Australian waters, with remarks upon the mouthparts of some species of the genus *Periclimenes* Costa, 1844. *Zoologische Verhandelingen*, **114**: 1-32.

1972

- BRUCE, A. J., 1972. The shrimp that eats starfish. *Animals*, **13**(19): 908-910.
- BRUCE, A. J., 1972. A rare shrimp from Aldabra. *Animals*, **14**(8): 368-369.
- BRUCE, A. J., 1972. Notes on some Indo-Pacific Pontoniinae. XIX. *Allopontonia iani* gen nov., sp. nov., a new echinoid associate from Zanzibar. *Crustaceana*, **22**(1): 1-12.
- BRUCE, A. J., 1972. On the association of the shrimp *Racilius compressus* Paulson (Decapoda, Alpheidae) with the coral *Galaxea clavus* (Dana). *Crustaceana*, **22**(1): 92-93.
- BRUCE, A. J., 1972. *Pycnocaris chagoae* gen. nov., sp. nov., a new shrimp from the Chagos Archipelago (Decapoda Natantia, Gnathophyllidae). *Crustaceana*, **23**(1): 50-64.
- BRUCE, A. J., 1972. Notes on some Indo-Pacific Pontoniinae, XVIII. A re-description of *Pontonia minuta* Baker, 1907, and the occurrence of abbreviated development in the Pontoniinae (Decapoda Natantia, Palaemonidae). *Crustaceana*, **23**(1): 65-75.
- BRUCE, A. J., 1972. An association between a pontoniid shrimp and a rhizostomatous scyphozoan. *Crustaceana*, **23**(3): 300-302.
- BRUCE, A. J., 1972. The occurrence of the shrimp *Metapontonia fungiacola* Bruce (Crustacea, Decapoda, Pontoniinae) in Kenyan waters. *Journal of the East Africa Natural History Society and National Museum*, **134**: 1-5.
- BRUCE, A. J., 1972. A report on a small collection of pontoniid shrimps from Fiji, with the description of a new species of *Coralliocaris* Stimpson (Crustacea, Decapoda, Natantia, Pontoniinae). *Pacific Science*, **26**: 63-86.
- BRUCE, A. J., 1972. *Orophryxus shiinoi* gen. nov., sp. nov., an unusual phryxid (Crustacea, Isopoda, Bopyridae) parasitic upon a pontoniid shrimp from Zanzibar. *Parasitology*, **64**: 445-450.
- BRUCE, A. J., 1972. *Filophryxus dorsalis* gen. nov., sp. nov., an unusual bopyrid parasite from eastern Australia. *Parasitology*, **65**: 351-358.
- BRUCE, A. J., 1972. Shrimps that live with molluscs. *Sea Frontiers*, **18**(4): 218-227.

- BRUCE, A. J., 1972. A review of information upon the coral hosts of commensal shrimps of the sub-family Pontoniinae Kingsley, 1878 (Crustacea, Decapoda, Palaemonidae). In: C. MUKUNDAN & C. S. GOPINADHA PILLAI (eds.), Proceedings of the First International Symposium on Corals and Coral Reefs, held under the auspices of the Marine Biological Association of India, at Mandapam Camp, on 12 to 16 February 1969: 399-417. (Marine Biological Association of India, Cochin).
- BRUCE, A. J. & R. SERÈNE, 1972. The rediscovery of *Notopoides latus* Handerson [sic] in the western Indian Ocean (Crustacea-Decapoda, Raninidae). African Journal of Tropical Hydrobiology and Fisheries, **2**(1): 76-81.

## 1973

- BRUCE, A. J., 1973. Notes on some Indo-Pacific Pontoniinae, XX. *Pontonia sibogae* sp. nov., a new species of *Pontonia* from eastern Australia and Indonesia (Decapoda Natantia, Palaemonidae). Crustaceana, **23**(2): 182-186.
- BRUCE, A. J., 1973. Notes on some Indo-Pacific Pontoniinae, XXI. *Typton bawii* sp. nov., the first occurrence of the genus *Typton* Costa in the Indian Ocean (Decapoda Natantia, Palaemonidae). Crustaceana, **23**(3): 243-254.
- BRUCE, A. J., 1973. *Gnathophylloides robustus* sp. nov., a new commensal gnathophylloid shrimp from Western Australia, with the designation of a new genus *Levicaris* (Decapoda, Caridea). Crustaceana, **24**(1): 17-32.
- BRUCE, A. J., 1973. Notes on some Indo-Pacific Pontoniinae, XXII. *Pliopontonia furtiva* gen. nov., sp. nov., a new shrimp associated with a corallimorph zoantharian. Crustaceana, **24**(1): 97-109.
- BRUCE, A. J., 1973. The pontoniinid shrimps collected by the Yale Seychelles Expedition, 1957-1958 (Decapoda, Palaemonidae). Crustaceana, **24**(1): 132-142.
- BRUCE, A. J., 1973. Notes on some Indo-Pacific Pontoniinae, XXIII. *Tectopontonia maziwiae* gen. nov., sp. nov., a new coral associate from Tanganyika (Decapoda, Palaemonidae). Crustaceana, **24**(2): 169-180.
- BRUCE, A. J., 1973. Notes on some Indo-Pacific Pontoniinae, XXIV. *Dasycaris zanzibarica* sp. nov. from the western Indian Ocean, with remarks on the species of *Dasycaris* Kemp, 1922 (Decapoda Natantia). Crustaceana, **24**(3): 247-260.
- BRUCE, A. J., 1973. Further information on *Pycnocaris chagoae* Bruce, 1972 (Decapoda Natantia, Gnathophyllidae). Crustaceana, **25**(1): 108-109.
- BRUCE, A. J., 1973. *Mesophryxus ventralis* gen. nov., sp. nov., a phryxid bopyrid parasitic upon the pontoniid shrimp *Harpiliopsis beaupresi* (Audouin). Parasitology, **66**: 515-523.
- BRUCE, A. J., 1973. *Prophryxus globicaudatus* gen. nov., sp. nov., a hemiarthrinid bopyrid parasite of pontoniid shrimps of the genus *Coralliocaris* Stimpson. Parasitology, **67**: 365-373.
- BRUCE, A. J., 1973. *Typton australis* sp. nov., a new pontoniid shrimp from the Great Barrier Reef, Australia. Records of the Australian Museum, **28**: 253-263.
- BRUCE, A. J. & K. BABA, 1973. *Spongiocaris*, a new genus of stenopodidean shrimp from New Zealand and South African waters, with a description of two new species (Decapoda Natantia, Stenopodidea). Crustaceana, **25**(2): 153-170.

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## APPENDIX II: CRUSTACEAN TAXA NAMED BY SANDY BRUCE AND COLLABORATORS

## Decapoda Alpheidae

- Alpheus bannerorum* Bruce, 1987  
*Alpheus fenneri* Bruce, 1994  
*Alpheus soror* Bruce, 1999  
*Alpheus williamsi* Bruce, 1994  
*Athanas hongkongensis* Bruce, 1990  
*Bannereus* Bruce, 1988  
*Bannereus anomalus* Bruce, 1988  
*Betaeopsis acanthops* (Bruce & Iliffe, 1991) (as *Hamalpheus*)  
*Hamalpheus* Bruce, 1988 (junior synonym of *Betaeopsis* Yaldwyn, 1971)  
*Potamalpheops darwiniensis* Bruce, 1993  
*Potamalpheops hanleyi* Bruce, 1991  
*Potamalpheops pininsulae* Bruce & Iliffe, 1992  
*Prionalpheus mortoni* Bruce, 1990  
*Pseudathanas* Bruce, 1983  
*Pseudathanas darwiniensis* Bruce, 1983  
*Synalpheus dorae* Bruce, 1988

## Decapoda Atyidae

- Pycnisia* Bruce, 1992  
*Pycnisia raptor* Bruce, 1992

## Decapoda Bathypalaemonellidae

- Bathypalaemonetes brevirostris* Bruce, 1986 (as *Bathypalaemonella*)  
*Bathypalaemonella humilis* Bruce, 1966  
*Bathypalaemonetes pilosipes* (Bruce, 1986) (as *Bathypalaemonella*)

## Decapoda Bresiliidae

- Bresilia antipodarum* Bruce, 1990  
*Bresilia briankensleyi* Bruce, 2005  
*Bresilia plumifera* Bruce, 1990

## Decapoda Chlorotocellidae

- Miropandalus* Bruce, 1983  
*Miropandalus hardingi* Bruce, 1983

## Decapoda Crangonidae

- Philocheras planoculminis* Bruce, 1994  
*Pontocaris arafurae* (Bruce, 1988) (as *Pontocheras*)  
*Pontocheras* Bruce, 1988 (junior synonym of *Pontocaris* Spence Bate, 1888)

## Decapoda Disciadiidae

- Discias mvitae* Bruce, 1976 (junior synonym of *D. exul* Kemp, 1920)

## Decapoda Hippolytidae

- Gelastreutes* Bruce, 1988  
*Gelastreutes crosnieri* Bruce, 1988  
*Lebbeus rubrodentatus* Bruce, 2010

*Leontocaris amplexipes* Bruce, 1990

Decapoda Lysmatidae

*Lysmata debelius* Bruce, 1983

Decapoda Nephropidae

*Metanephrops australiensis* (Bruce, 1966) (as *Nephrops*)

*Metanephrops neptunus* (Bruce, 1965) (as *Nephrops*)

*Metanephrops sinensis* (Bruce, 1966) (as *Nephrops*)

*Thaumastochelopsis* Bruce, 1988

*Thaumastochelopsis wardi* Bruce, 1988

Decapoda Palaemonidae

*Actinimenes ornatellus* (Bruce, 1979) (as *Periclimenes*)

*Actinimenes ornatus* (Bruce, 1969) (as *Periclimenes*)

*Allopontonia* Bruce, 1972

*Allopontonia alastairi* Bruce, 2010

*Allopontonia iani* Bruce, 1972 (junior synonym of *A. brockii* (De Man, 1888))

*Altopontonia* Bruce, 1990

*Altopontonia disparirostris* Bruce, 1990

*Amphipontonia* Bruce, 1991

*Amphipintonia kanak* Bruce, 1991

*Anapontonia* Bruce, 1966

*Anapontonia denticauda* Bruce, 1966

*Anchiopontonia* Bruce, 1992

*Anchistus australis* Bruce, 1977

*Anchistus custoides* Bruce, 1977

*Ancylomenes* Okuno & Bruce, 2010

*Ancylomenes adularans* (Bruce, 2003) (as *Periclimenes*)

*Ancylomenes amirantei* (Bruce, 2007) (as *Periclimenes*)

*Ancylomenes aqabai* (Bruce, 2008) (as *Periclimenes*)

*Ancylomenes australis* Bruce, 2013

*Ancylomenes batei* Bruce, 2011

*Ancylomenes grandidens* (Bruce, 2005) (as *Periclimenes*)

*Ancylomenes holthuisi* (Bruce, 1969) (as *Periclimenes*)

*Ancylomenes kuboi* Bruce, 2010

*Ancylomenes lipkei* Bruce, 2011

*Ancylomenes longicarpus* (Bruce & Svoboda, 1983) (as *Periclimenes*)

*Ancylomenes luteomaculatus* Okuno & Bruce, 2010

*Ancylomenes magnificus* (Bruce, 1979) (as *Periclimenes*)

*Ancylomenes okunoi* Bruce, 2010

*Ancylomenes tenuirostris* (Bruce, 1991) (as *Periclimenes*)

*Ancylomenes venustus* (Bruce, 1989) (as *Periclimenes*)

*Anisomenaeus* Bruce, 2010

*Anisomenaeus spinimanus* (Bruce, 1969) (as *Periclimenaeus*)

*Apopontonia* Bruce, 1976

*Apopontonia dubia* Bruce, 1981 (junior synonym of *Paraclimenaes spinicauda* (Bruce, 1969))

*Apopontonia falcistrostris* Bruce, 1976

*Apopontonia seticaudata* Bruce, 2008

*Apopontonia tridentata* Bruce, 1988

- Balssia antipodarum* Bruce, 2004  
*Balssia noeli* Bruce, 1998  
*Bathymenes* Kou, Li & Bruce, 2016  
*Bathymenes albatrossae* (Chace & Bruce, 1993) (as *Periclimenes*)  
*Bathymenes aleator* (Bruce, 1991) (as *Periclimenes*)  
*Bathymenes forgesi* (Li & Bruce, 2006) (as *Periclimenes*)  
*Bathymenes loyautensis* (Li & Bruce, 2006) (as *Periclimenes*)  
*Bathymenes manihine* (Bruce, 2006) (as *Periclimenes*)  
*Bathymenes paracocki* (Li & Bruce, 2006) (as *Periclimenes*)  
*Bathymenes paraleator* (Li & Bruce, 2006) (as *Periclimenes*)  
*Bathymenes poupini* (Bruce, 1989) (as *Periclimenes*)  
*Bathymenes pseudalcocki* (Li & Bruce, 2006) (as *Periclimenes*)  
*Bathymenes tangeroa* (Bruce, 2005) (as *Periclimenes*)  
*Brachycarpus crosnieri* Bruce, 1998  
*Brucecaris tenuis* (Bruce, 1969) (as *Periclimenes*)  
*Bruceonia ardeae* (Bruce, 1991) (as *Pontonia*)  
*Cainonia* Bruce, 2005  
*Calathaemon* Bruce & Short, 1993  
*Carinopontonia* Bruce, 1988  
*Carinopontonia paucipes* Bruce, 1988  
*Chacella* Bruce, 1986  
*Climeniperaeus* Bruce, 1995  
*Climeniperaeus orbitospinatus* (Bruce, 1969) (as *Periclimenaeus*)  
*Climeniperaeus truncoideus* (Chace & Bruce, 1993) (as *Periclimenaeus*)  
*Colemonia* Bruce, 2005  
*Colemonia litodactylus* Bruce, 2005  
*Conchodytes kempfi* Bruce, 1989 (junior synonym of *C. biunguiculatus* (Paulson, 1875))  
*Conchodytes kempoides* Bruce, 2013  
*Conchodytes maculatus* Bruce, 1989  
*Conchodytes philippinensis* Bruce, 1996  
*Coralliocaris pavonae* Bruce, 1972 (junior synonym of *C. taiwanensis* Fujino & Miyake, 1972)  
*Coralliocaris viridis* Bruce, 1974  
*Crinotonia attenuatus* (Bruce, 1971) (as *Periclimenes*)  
*Cristimenes cristimanus* (Bruce, 1965) (as *Periclimenes*)  
*Cristimenes zanzibaricus* (Bruce, 1967) (as *Periclimenes*)  
*Ctenopontonia* Bruce, 1979  
*Ctenopontonia cyphastreophila* Bruce, 1979  
*Cuapetes anacanthus* (Bruce, 1988) (as *Periclimenes*)  
*Cuapetes darwiniensis* (Bruce, 1987) (as *Periclimenes*)  
*Cuapetes ischiospinosus* (Bruce, 1991) (as *Periclimenes*)  
*Cuapetes johnsoni* (Bruce, 1987) (as *Periclimenes*)  
*Cuapetes kororensis* (Bruce, 1977) (as *Periclimenes*)  
*Cuapetes paulsoni* (Bruce, 2003) (as *Periclimenes*)  
*Cuapetes uncinatus* Bruce, 2012  
*Cuapetes ungujaensis* (Bruce, 1969)  
*Cuapetes yapiensis* Bruce, 2013  
*Dactylonia borradalei* Bruce, 2005  
*Dactylonia carinicula* Bruce, 2006  
*Dactylonia franseni* Bruce, 2003  
*Dactylonia monnioti* (Bruce, 1990) (as *Pontonia*)

- Dasella ansoni* Bruce, 1983  
*Dasycaris zanzibarica* Bruce, 1973  
*Diapontonia* Bruce, 1986  
*Diapontonia maranulus* Bruce, 1986  
*Echinopericlimenes calcaratus* (Chace & Bruce, 1993) (as *Periclimenes*)  
*Echinopericlimenes dentidactylus* (Bruce, 1984) (as *Periclimenes*)  
*Epipontonia* Bruce, 1977  
*Epipontonia anceps* Bruce, 1983  
*Epipontonia spongicola* Bruce, 1977  
*Epipontonia tahitiensis* Bruce, 2004  
*Eupontonia* Bruce, 1971  
*Eupontonia noctalbata* Bruce, 1971  
*Eupontonia oahu* Bruce, 2010  
*Exoclimenella* Bruce, 1995  
*Exoclimenella maldivensis* Ďuriš & Bruce, 1995  
*Exoclimenella sudanensis* Ďuriš & Bruce, 1995  
*Exopontonia* Bruce, 1988  
*Exopontonia malleatrix* Bruce, 1988  
*Gnathophylloides robustus* Bruce, 1988  
*Hamodactylus aqabai* Bruce & Svoboda, 1983  
*Hamodactylus noumeae* Bruce, 1970  
*Hamopontonia* Bruce, 1970  
*Hamopontonia corallicola* Bruce, 1970  
*Hamopontonia essingtoni* Bruce, 1986  
*Harpilius spinifer* Bruce, 1970  
*Ischnopontonia* Bruce, 1966  
*Isopontonia* Bruce, 1982  
*Isopontonia platycheles* Bruce, 1982  
*Kakaducaris* Bruce, 1993 (junior synonym of *Leptopalaemon* Bruce & Short, 1993)  
*Kakaducaris glabra* Bruce, 1993  
*Kemponia* Bruce, 2004 (junior synonym of *Cuapetes* Clark, 1919)  
*Laomenes albonigrus* Bruce, 2014  
*Laomenes jackhintoni* (Bruce, 2006) (as *Periclimenes*)  
*Laomenes nudirostris* (Bruce, 1968) (as *Parapontonia*)  
*Leander manningi* Bruce, 2002  
*Leander plumosus* Bruce, 1994  
*Leptomenaeus* Bruce, 2007  
*Leptomenes* Bruce, 2006 (junior homonym, replaced with *Leptomenaeus* Bruce, 2007)  
*Leptopalaemon* Bruce & Short, 1993  
*Leptopalaemon gagadjui* Bruce & Short, 1993  
*Leptopalaemon glabrus* (Bruce & Short, 1993) (as *Kakaducaris*)  
*Levicaris* Bruce, 1973  
*Lipkemenes* Bruce & Okuno, 2010  
*Manipontonia* Bruce, Okuno & Li, 2005  
*Manipontonia paeneglabra* Bruce, 2012  
*Margitonia* Bruce, 2007  
*Margitonia insolitus* (Bruce, 1974) (as *Periclimenes*)  
*Mesopontonia* Bruce, 1967  
*Mesopontonia brevicarpus* Li & Bruce, 2006  
*Mesopontonia gorgoniophila* Bruce, 1967

- Mesopontonia gracilicarpus* Bruce, 1990  
*Mesopontonia monodactylus* Bruce, 1991  
*Mesopontonia verrucimanus* Bruce, 199  
*Metapontonia* Bruce, 1967  
*Metapontonia fungiacola* Bruce, 1967  
*Michaelimenes perlucidus* (Bruce, 1969) (as *Periclimenes*)  
*Miopontonia* Bruce, 1985  
*Miopontonia yongei* Bruce, 1985  
*Neoanchistus* Bruce, 1975  
*Neoanchistus cardiodytes* Bruce, 1975  
*Nippontonia* Bruce & Bauer, 1997  
*Nippontonia ashmoreiensis* Bruce, 2014  
*Nippontonia minirostris* Bruce & Bauer, 1997  
*Notopontonia* Bruce, 1991  
*Notopontonia platycheles* Bruce, 1991  
*Odontonia compacta* (Bruce, 1996) (as *Pontonia*)  
*Odontonia sibogae* (Bruce, 1973) (as *Pontonia*)  
*Odontonia simplicipes* (Bruce, 1996) (as *Pontonia*)  
*Oncocaridella* Bruce, 1981  
*Oncocaridella prima* Bruce, 1981  
*Oncocaridites* Bruce, 1987  
*Oncocaridites anomodactylus* Bruce, 1987  
*Oncocaris balssi* Bruce, 2011  
*Oncocaris bocki* Bruce, 1992  
*Oncocaris fujinoi* Bruce, 2011  
*Oncocaris furculata* Bruce, 1979  
*Oncocaris longirostris* Bruce, 1980  
*Oncocaris maui* Bruce, 2013  
*Oncocaris nieli* Bruce, 2011  
*Oncocaris profunda* Bruce, 1985  
*Oncocaris seychellensis* Bruce, 1971  
*Oncocaris stradbrokei* Bruce, 1998  
*Oncocaris trullata* Bruce, 1978  
*Oncocaris zanzibarica* Bruce, 1971  
*Onycomenes* Bruce, 2009  
*Orthopontonia* Bruce, 1982  
*Orthopontonia ornata* (Bruce, 1970) (as *Periclimenaeus*)  
*Palaemonella crosnieri* Bruce, 1978  
*Palaemonella dijonesae* Bruce, 2010  
*Palaemonella dolichodactylus* Bruce, 1991  
*Palaemonella foresti* Bruce, 2002  
*Palaemonella komaii* Li & Bruce, 2006  
*Palaemonella maziwi* Bruce, 2002  
*Palaemonella meteorae* Bruce, 2008  
*Palaemonella pusilla* Bruce, 1975  
*Paraclimenaes* Bruce, 1988  
*Paraclimenaes seticauda* (Bruce, 2008) (as *Periclimenaeus*)  
*Paraclimenaes spinicauda* (Bruce, 1969) (as *Periclimenaeus*)  
*Paraclimenes* Bruce, 1995  
*Paraclimenes gorgonicola* (Bruce, 1969) (as *Periclimenes*)

- Paraclimenes setirostris* (Bruce, 1991) (as *Periclimenes*)  
*Paranchistus liui* Li, Bruce & Manning, 2004  
*Paranchistus pycnodontae* Bruce, 1978  
*Paranchistus serenei* Bruce, 1983  
*Parapontonia* Bruce, 1968 (junior synonym of *Laomenes* Clark, 1919)  
*Periclimenaeus ancylodactylus* Bruce, 2014  
*Periclimenaeus ardeae* Bruce, 1970  
*Periclimenaeus aurantiacus* Bruce, 2014  
*Periclimenaeus bidentatus* Bruce, 1970  
*Periclimenaeus calmani* Bruce, 2012  
*Periclimenaeus colemani* Bruce, 2014  
*Periclimenaeus colodactylus* Bruce, 2019  
*Periclimenaeus creffi* Bruce, 2010  
*Periclimenaeus dactylodon* Bruce, 2012  
*Periclimenaeus denticulodigitus* Bruce, 2014  
*Periclimenaeus devaneyi* Bruce, 2010  
*Periclimenaeus diplosomatis* Bruce, 1980  
*Periclimenaeus djiboutensis* Bruce, 1970  
*Periclimenaeus edmondsoni* Bruce, 2013  
*Periclimenaeus fawatu* Bruce, 2006  
*Periclimenaeus forcipulatus* Bruce, 2014  
*Periclimenaeus garthi* Bruce, 1976  
*Periclimenaeus hebedactylus* Bruce, 1970  
*Periclimenaeus heronensis* Bruce, 2010  
*Periclimenaeus holthuisi* Bruce, 1969  
*Periclimenaeus jeancharcoti* Bruce, 1991  
*Periclimenaeus kottae* Bruce, 2005  
*Periclimenaeus lobiferus* Bruce, 1978  
*Periclimenaeus manihinei* Bruce, 1976  
*Periclimenaeus marini* Bruce, 2013  
*Periclimenaeus matherae* Bruce, 2005  
*Periclimenaeus mortenseni* Bruce, 1994  
*Periclimenaeus myora* Bruce, 1998  
*Periclimenaeus nielbrucei* Bruce, 2006  
*Periclimenaeus nobilii* Bruce, 1975  
*Periclimenaeus orontes* Bruce, 1986  
*Periclimenaeus pachydentatus* Bruce, 1969  
*Periclimenaeus parkeri* Bruce, 2012  
*Periclimenaeus pulitzerfinali* Bruce, 2011  
*Periclimenaeus rastrifer* Bruce, 1980  
*Periclimenaeus serenei* Bruce, 2012  
*Periclimenaeus serrula* Bruce & Coombes, 1995  
*Periclimenaeus solitus* Bruce & Coombes, 1995  
*Periclimenaeus storchi* Bruce, 1989  
*Periclimenaeus stylirostris* Bruce, 1969  
*Periclimenaeus trispinosus* Bruce, 1969  
*Periclimenaeus tuamotae* Bruce, 1969  
*Periclimenaeus usitatus* Bruce, 1969  
*Periclimenaeus wolffi* Bruce, 1994  
*Periclimenaeus zanzibaricus* Bruce, 1969

- Periclimenella* Bruce, 1995  
*Periclimenes acanthimerus* Bruce, 2006  
*Periclimenes albolineatus* Bruce & Coombes, 1993  
*Periclimenes antonbruunii* Bruce, 1967  
*Periclimenes aqabai* Bruce, 2008  
*Periclimenes attenuatus* Bruce, 1971  
*Periclimenes brevirostris* Bruce, 1991 (junior synonym of *Bathymenes aleator* (Bruce, 1991))  
*Periclimenes burrup* Bruce, 2008  
*Periclimenes canalinsulae* Bruce & Coombes, 1997  
*Periclimenes carinidactylus* Bruce, 1969  
*Periclimenes chacei* Li, Bruce & Manning, 2004  
*Periclimenes colemani* Bruce, 1975  
*Periclimenes coriolis* Bruce, 1985  
*Periclimenes crosnieri* Li & Bruce, 2006  
*Periclimenes dardanicola* Bruce & Okuno, 2006  
*Periclimenes difficilis* Bruce, 1976  
*Periclimenes exederens* Bruce, 1969  
*Periclimenes fenneri* Bruce, 2005  
*Periclimenes forcipulatus* Bruce, 1991  
*Periclimenes foresti* Bruce, 1981  
*Periclimenes foveolatus* Bruce, 1981  
*Periclimenes franklini* Bruce, 1990 (junior synonym of *Paraclimenes gorgoncola* (Bruce, 1969))  
*Periclimenes fujinoi* Bruce, 1990  
*Periclimenes goniopora* Bruce, 1989  
*Periclimenes hongkongensis* Bruce, 1969  
*Periclimenes imperator* Bruce, 1967 (junior synonym of *Zenopontonia rex* (Kemp, 1922))  
*Periclimenes insolitus* Bruce, 1974  
*Periclimenes involens* Bruce, 1996 (junior synonym of *Michaelimenes perlucidus* (Bruce, 1969))  
*Periclimenes kallisto* Bruce, 2008  
*Periclimenes kemp* Bruce, 1969  
*Periclimenes lacertae* Bruce, 1992 (junior synonym of *Cuapetes ischiospinosus* (Bruce, 1991))  
*Periclimenes lepidus* Bruce, 1978  
*Periclimenes leptodactylus* Bruce, 1991  
*Periclimenes madreporae* Bruce, 1969  
*Periclimenes mahei* Bruce, 1969  
*Periclimenes maldivensis* Bruce, 1969  
*Periclimenes milleri* Bruce, 1986  
*Periclimenes nevillei* Bruce, 2010  
*Periclimenes novaffinis* Bruce & Coombes, 1997  
*Periclimenes ordinarius* Bruce, 1991  
*Periclimenes paraparvus* Bruce, 1969  
*Periclimenes parvispinatus* Bruce, 1990  
*Periclimenes pectinipes* Bruce, 1991  
*Periclimenes perturbans* Bruce, 1978  
*Periclimenes platyrhynchus* Bruce, 1991  
*Periclimenes poriphilus* Bruce, 2010  
*Periclimenes priodactylus* Bruce, 1992 (junior synonym of *Allopontonia brockii* (De Man, 1888))  
*Periclimenes richeri* Bruce, 1990  
*Periclimenes ruber* Bruce, 1982  
*Periclimenes sarkanae* Bruce, 2007

- Periclimenes sinensis* Bruce, 1969  
*Periclimenes terangeri* Bruce, 1998  
*Periclimenes toloensis* Bruce, 1969  
*Periclimenes tonga* Bruce, 1988  
*Periclimenes uniunguiculatus* Bruce, 1990  
*Periclimenes vaubani* Bruce, 1990  
*Periclimenes watamuae* Bruce, 1976  
*Periclimenoides* Bruce, 1990  
*Periclimenes acanthimerus* Bruce, 2006  
*Periclimenoides socotrae* Bruce, 2006  
*Phycomenes* Bruce, 2008  
*Phycomenes cobourgi* (Bruce & Coombes, 1995) (as *Periclimenes*)  
*Phycomenes zostericola* Bruce, 2008  
*Platypontonia* Bruce, 1968  
*Plesiomenaeus* Bruce, 2009  
*Plesiomenaeus poorei* Bruce, 2009  
*Plesiopontonia* Bruce, 1985  
*Plesiopontonia monodi* Bruce, 1985  
*Pliopontonia* Bruce, 1973  
*Pliopontonia furtiva* Bruce, 1973  
*Pontonides asperulatus* Bruce, 2005  
*Pontonides loloata* Bruce, 2005  
*Pontonides sibogae* Bruce, 2005  
*Pontoniopsides* Bruce, 2005  
*Propontonia* Bruce, 1969  
*Propontonia pellucida* Bruce, 1969  
*Pseudoclimenes* Bruce, 2008  
*Pseudoclimenes holthuisi* Bruce, 2008  
*Pseudopontonia* Bruce, 1992  
*Pycnocaris* Bruce, 1972  
*Pycnocaris chagoae* Bruce, 1972  
*Rapimenes granulimanus* (Bruce, 1978) (as *Periclimenes*)  
*Sandimenes hirsutus* (Bruce, 1971) (as *Periclimenes*)  
*Sandimenes rectirostris* (Bruce, 1981) (as *Periclimenes*)  
*Tectopontonia* Bruce, 1973  
*Tectopontonia maziwiae* Bruce, 1973  
*Tuleariocaris zanzibarica* Bruce, 1967  
*Typton australis* Bruce, 1973  
*Typton bawii* Bruce, 1972  
*Typton capricorniae* Bruce, 2000  
*Typton crosslandi* Bruce, 1978  
*Typton manningi* Bruce, 2000  
*Typton nanus* Bruce, 1987 (junior synonym of *Typton wasini* Bruce, 1977)  
*Typton wasini* Bruce, 1977  
*Typtonoides* Bruce, 2010  
*Typtonoides nieli* Bruce, 2010  
*Typtonychus* Bruce, 1996  
*Typtonychus anomalus* (Bruce, 1979) (as *Onycocaris*)  
*Typtonychus bruceorum* Bruce, 1996  
*Typtonychus crassimanus* Bruce, 1996

*Typtonychus dimorphus* Bruce, 1996 (as *Typton*)  
*Typtonychus infaustus* Bruce, 2011  
*Unguicaris alegrias* (Bruce, 1986) (as *Periclimenes*)  
*Unguicaris novaecaledoniae* (Bruce, 1968) (as *Periclimenes*)  
*Unguicaris pilipes* (Bruce & Zmarzly, 1983) (as *Periclimenes*)  
*Urocaridella antonbruunii* (Bruce, 1967) (as *Periclimenes*)  
*Urocaridella vestigialis* Chace & Bruce, 1993  
*Vir colemani* Bruce, 2003  
*Vir philippinensis* Bruce & Svoboda, 1984  
*Yemenicaris* Bruce, 1997  
*Yemenicaris trullicauda* Bruce, 1997  
*Zenopontonia* Bruce, 1975

## Decapoda Palinuridae

*Linuparus sordidus* Bruce, 1965

## Decapoda Procarididae

*Procaris noelensis* Bruce & Davie, 2006

## Decapoda Solenoceridae

*Hymenopenaeus halli* Bruce, 1966

## Decapoda Spongicolidae

*Spongiocaris* Bruce & Baba, 1973

*Spongiocaris semiteres* Bruce & Baba, 1973

*Spongiocaris yaldwyni* Bruce & Baba, 1973

## Decapoda Stenopodidae

*Stenopus zanzibaricus* Bruce, 1976

## Decapoda Thoridae

*Paralebbeus* Chace & Bruce, 1986

*Paralebbeus zothe culatus* Chace & Bruce, 1986

*Thinora* Bruce, 1998

*Thor marguitae* Bruce, 1978

*Thor spinipes* Bruce, 1983

*Thorella* Bruce, 1982

*Thorella cobourgi* Bruce, 1982

*Thorina* Bruce, 1997 (junior homonym, replaced with *Thinora* Bruce, 1998)

## Isopoda Bopyridae

*Allophryxus* Bruce, 1974 (junior homonym, replaced with *Hemiphryxus* Bruce, 1978)

*Hemiphryxus* Bruce, 1978

*Hemiphryxus malindiae* (Bruce, 1974) (as *Allophryxus*)

*Parabopyrella essingtoni* (Bourdon & Bruce, 1983) (as *Bopyrella*)

*Parabopyrella saronae* (Bourdon & Bruce, 1979) (as *Bopyrella*)

*Schizobopyrina lobata* (Bourdon & Bruce, 1983) (as *Bopyrina*)

*Eophryxus pikei* (Bruce, 1968) (as *Hypophryxus*)

*Probynia* Bourdon & Bruce, 1983

*Probynia obstipa* Bourdon & Bruce, 1983

- Filophryxus* Bruce, 1972  
*Filophryxus dorsalis* Bruce, 1972  
*Gareia* Bourdon & Bruce, 1983  
*Gareia arafurae* Bourdon & Bruce, 1983  
*Mesophryxus* Bruce, 1973  
*Mesophryxus ventralis* Bruce, 1973  
*Metaphrixus intutus* Bruce, 1966  
*Neophryxus* Bruce, 2007  
*Neophryxus globicaudatus* (Bruce, 1973) (as *Prophryxus*)  
*Orophryxus* Bruce, 1972  
*Orophryxus shiinoi* Bruce, 1972  
*Prophryxus* Bruce, 1973 (junior homonym, replaced with *Neophryxus* Bruce, 2007)

#### Isopoda Cabiropidae

- Ancyroniscus orientalis* Bourdon & Bruce, 1980

#### Isopoda Cryptoniscidae

- Zeuxokoma luetzeni* (Høeg & Bruce, 1988) (as *Thompsonia*)

#### Mysida Mysidae

- Heteromysis* (*Gnathomysis*) *harpaxoides* Băcescu & Bruce, 1980  
*Heteromysis* (*Gnathomysis*) *stellata* Băcescu & Bruce, 1980  
*Heteromysis* (*Heteromysis*) *australica* Băcescu & Bruce, 1980

### APPENDIX III: CRUSTACEAN TAXA HONOURING SANDY BRUCE

#### Decapoda

- Alpheus brucei* Banner & Banner, 1982  
*Alvinocaris alexander* Ahyong, 2009  
*Aretopsis sandybrucei* Ashrafi, Đuriš & Anker, 2021  
*Babamunida brucei* (Baba, 1974)  
*Bathymenes sandybrucei* (Mitsuhashi & Chan, 2009)  
*Bruceaxius* Sakai, 2011  
*Brucecaris* Marin & Chan, 2006  
*Bruceonia* Fransen, 2002  
*Bruceopsis* Anker, 2010  
*Brusinia brucei* Števičić, 1991  
*Catapaguropsis brucei* McLaughlin & Lemaitre, 2007  
*Chirostylus sandyi* Baba, 2009  
*Cinetorhynchus brucei* Okuno, 200  
*Coralliocaris sandyi* Mitsuhashi & Takeda, 2008  
*Cristimenes brucei* Park, De Grave & Kim, 2019  
*Dasella brucei* Berggren, 1990  
*Hexagonalia brucei* (Serène, 1973)  
*Ibacus brucei* Holthuis, 1977  
*Leontocaris alexander* Poore, 2009  
*Lutogemma sandybrucei* Davie, 2009  
*Meractaea brucei* Serène, 1984  
*Mesopenaeus brucei* Crosnier, 1986

*Mesopontonia brucei* Burukovsky, 1991  
*Neopontonides brucei* Fransén & de Almeida, 2009  
*Periclimenaeus brucei* Cardoso & Young, 2007  
*Periclimenes alexanderi* Li, 2008  
*Periclimenes sandyi* De Grave, 2009  
*Rapimenes brucei* (Đuriš, 1990)  
*Rhynchocinetes brucei* Okuno, 1994  
*Salmonaeus brucei* Komai, 2009  
*Sandimenes* Li, 2009  
*Sandyella* Marin, 2009  
*Serpenthusa brucei* Naruse, Castro & Ng, 2009  
*Spongiaxius brucei* (Sakai, 1986)  
*Stylodactylus brucei* Cleve, 1994  
*Thaumastochelopsis brucei* Ah Yong, Chu & Chan 2007  
*Tymolus brucei* Tavares, 1991  
*Upogebia brucei* Sakai, 1975  
*Uroptychus brucei* Baba, 1986

#### Isopoda

*Carpias brucei* (Monod, 1975)  
*Joeropsis sandybrucei* Bruce, 2009  
*Margueritta sandyi* Bruce, 2003

#### Cirripedia

*Arcalepas brucei* Jones & Morton, 2009

#### Amphipoda

*Paradicaprella brucei* Hirayama, 1990  
*Talorchestia brucei* Lowry & Springthorpe, 2009

#### Mysidacea

*Doxomysis brucei* Murano, 1990  
*Heteromysis abrucei* Băcescu, 1979  
*Heteromysis brucei* Tattersall, 1967  
*Siriella brucei* Murano & Fukuoka, 2008

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