

## RAYMOND B. MANNING: BIOGRAPHICAL SKETCH AND BIBLIOGRAPHY



11 October 1934–18 January 2000

The Crustacean Society organized a symposium honoring the contributions of Dr. Raymond B. Manning during its annual summer meeting in Lafayette, Louisiana, 26–30 May 1999. The symposium consisted of papers devoted to aspects of “Systematics and biology of Stomatopod and Decapod Crustaceans,” and took place Friday, May 28, and the morning of Saturday, May 29. This issue contains studies presented at this symposium or submitted by those who for various reasons could not attend the meeting. Unfortunately, Dr. Manning passed away at Arlington Hospital, Virginia, while this issue was about to be sent to the printer.

During an honorary banquet on the evening of Saturday, May 29, Dr. Manning was presented with The Crustacean Society’s

Excellence in Research Award in recognition of the quality and impact of his many contributions published over a span of more than four decades. The award also served to recognize the critical role he played in the founding of the Society and its early development during his tenure as first President (1981–1983).

Raymond Brendan Manning was born in Brooklyn, New York. Before he was a year old, his mother, Elizabeth Smith, moved with him to Haiti where they lived until the beginning of World War II when the family moved to Bethesda, Maryland, near Washington, D.C. After the war, the family again moved to Haiti where his adoptive father, Franklin Brown Manning, inherited a house overlooking Port-au-Prince. When he was 12

years of age, he was placed in St. Leo, a Catholic Benedictine boarding school in Tampa, Florida. From 1952–1954 he attended the University of Florida, Gainesville, where he met Lilly King, who was to become his wife and life-long illustrator. He received his BS (1956), MS (1959), and PhD (1963) from the University of Miami and was immediately hired in 1963 as Associate Curator by the Smithsonian Institution.

Dr. Manning had an extraordinarily productive and distinguished career at the Smithsonian Institution where he excelled in every aspect of curatorial responsibility. He was a leader in the development of innovative techniques for sampling specimens and study literature and was energetic in the promotion of carcinological research and zoological nomenclature at a national and international level. Two aspects of his career are most impressive: 1) the penetration of his papers in other fields of research and reputation on the international level—largely due to his monographic works and collaborations with scientists worldwide; and 2) his accomplishments as a tireless collector (notably in Florida, Ascension Island, and the Mediterranean regions) leading to the accumulation of over 50,000 decapod and stomatopod specimens.

Dr. Manning's research focused primarily on the systematics of stomatopods and decapods. His contributions to our basic knowledge of these two groups stand out in the modern era of taxonomy. He described solely, or jointly with co-authors, 279 species, 138 genera, 5 subfamilies, 19 families, and 3 superfamilies of extant decapods and stomatopods, and at least 15 genera and 27 species of fossil decapods. During his career his research philosophy was always that knowledge of species and the characters that define them must be solidly grounded in order for evolutionary studies to have any meaning. He proudly viewed his role primarily as a decipherer of this most basic of zoological information and made no apologies for concentrating his energy almost exclusively at the alpha-level of systematic studies. There can be no better proof of the rightness of his thinking than the papers on phylogeny and diverse biological aspects presented at the symposium and included in this number, which were inspired or based largely on the knowledge of species that he helped solidify in the 278 studies he published during his lifetime.

## PUBLICATIONS OF RAYMOND B. MANNING

1958. Robins, C. R., and R. B. Manning. The status and distribution of the fishes of the family Microdesmidae in the western Atlantic.—*Journal of the Washington Academy of Sciences* 48(9): 301–304.
- 1959a. Iversen, E. S., and R. B. Manning. A new microsporidian parasite of the pink shrimp (*Penaeus duorarum*).—*Transactions of the American Fisheries Society* 88: 130–132.
- 1959b. A checklist of the stomatopod crustaceans of the Florida-Gulf of Mexico area.—*Quarterly Journal of the Florida Academy of Sciences* 22(1): 14–24.
- 1959c. Manning, R. B., and H. E. Kumpf. Preliminary investigation of the fecal pellets of certain invertebrates of the South Florida area.—*Bulletin of Marine Science of the Gulf and Caribbean* 9(3): 291–309.
1960. A useful method for collecting Crustacea.—*Crustaceana* 1(4): 372–373.
- 1961a. A new *Lysiosquilla* (Crustacea: Stomatopoda) from the Gulf of California, with a redescription of *L. decemspinosa* Rathbun.—*Proceedings of the Biological Society of Washington* 74: 29–35.
- 1961b. Stomatopod Crustacea from the Atlantic coast of northern South America.—*Allan Hancock Atlantic Expedition, Report* 9: 1–46.
- 1961c. A new deep-water species of *Lysiosquilla* (Crustacea, Stomatopoda) from the Gulf of Mexico.—*Annals and Magazine of Natural History, series* 13 3: 693–697.
- 1961d. Sexual dimorphism in *Lysiosquilla scabricauda* (Lamarck), a stomatopod crustacean.—*Quarterly Journal of the Florida Academy of Sciences* 24(2): 101–107.
- 1961e. Observations on *Microprosthema semilaeve* (von Martens) (Decapoda, Stenopodidae) from Florida.—*Crustaceana* 2(1): 81–82.
- 1961f. Manning, R. B., and A. J. Provenzano, Jr. The occurrence of *Ucides cordatus* (Linnaeus, 1763) in the United States.—*Crustaceana* 2(2): 158–159.
- 1961g. Some growth changes in the stone crab, *Menippe mercenaria* (Say).—*Quarterly Journal of the Florida Academy of Sciences* 23(4): 273–277.
- 1961h. Notes on the caridean shrimp, *Rhynchocinetes rigens* Gordon (Crustacea, Decapoda) in the western Atlantic.—*Notulae Naturae, Philadelphia* 348: 1–7.
- 1962a. A new species of *Parasquilla* (Stomatopoda) from the Gulf of Mexico, with a redescription of *Squilla ferussacii* Roux.—*Crustaceana* 4(3): 182–190.
- 1962b. A striking abnormality in *Squilla bigelowi* Schmitt (Stomatopoda).—*Crustaceana* 4(3): 243–244.
- 1962c. A redescription of *Lysiosquilla biniensis pacificus* Borradaile (Stomatopoda).—*Crustaceana* 4(4): 301–306.
- 1962d. Seven new species of stomatopod crustaceans from the northwestern Atlantic.—*Proceedings of the Biological Society of Washington* 75: 215–222.
- 1962e. *Alima hyalina* Leach, the pelagic larva of the stomatopod crustacean *Squilla alba* Bigelow.—*Bulletin of Marine Science of the Gulf and Caribbean* 12(3): 496–507.
- 1962f. Stomatopod Crustacea collected by the Yale Seychelles Expedition, 1957–1958.—*Postilla (Yale University)* 68: 1–15.
- 1962g. A redescription of the palaemonid shrimp, *Leander paulensis* Ortmann, based on material from Florida.—*Bulletin of Marine Science of the Gulf and Caribbean* 11 (4): 525–536.

- 1962h. Tabb, D. C., and R. B. Manning. A checklist of the flora and fauna of northern Florida Bay and adjacent brackish waters of the Florida mainland collected during the period July, 1957 through September, 1958.—*Bulletin of Marine Science of the Gulf and Caribbean* 11(4): 552–649.
- 1962i. Tabb, D. C., D.L. Dubrow, and R. B. Manning. The ecology of northern Florida Bay and adjacent estuaries.—*Florida State Board of Conservation, Technical Series* 39: 1–81.
- 1963a. The east American species of *Gnathophyllum* (Decapoda, Gnathophyllidae), with the description of a new species.—*Crustaceana* 5(1): 47–63.
- 1963b. The occurrence of *Pachygrapsus corrugatus* (von Martens) (Decapoda, Grapsidae) in the Bahamas.—*Crustaceana* 5(2): 159–160.
- 1963c. A new species of *Lysiosquilla* (Crustacea, Stomatopoda) from the northern Straits of Florida.—*Bulletin of Marine Science of the Gulf and Caribbean* 13(1): 54–57.
- 1963d. Preliminary revision of the genera *Pseudosquilla* and *Lysiosquilla* with descriptions of six new genera (Crustacea, Stomatopoda).—*Bulletin of Marine Science of the Gulf and Caribbean* 13(2): 308–328.
- 1963e. Notes on the embryology of the stomatopod crustacean, *Gonodactylus oerstedii* Hansen.—*Bulletin of Marine Science of the Gulf and Caribbean* 13(3): 422–432.
- 1963f. Manning, R. B., and A. J. Provenzano, Jr. Early larval stages of *Gonodactylus oerstedii* Hansen. Studies on development of stomatopod Crustacea, I.—*Bulletin of Marine Science of the Gulf and Caribbean* 13(3): 467–487.
- 1963g. *Hemisquilla ensigera* (Owen, 1832), an earlier name for *H. bigelowi* (Rathbun, 1910).—*Crustaceana* 5(4): 315–317.
- 1964a. Dobkin, S., and R. B. Manning. Osmoregulation in two species of *Palaemonetes* (Crustacea: Decapoda) from Florida.—*Bulletin of Marine Science of the Gulf and Caribbean* 14(1): 149–157.
- 1964b. A new West American species of *Pseudosquilla* (Stomatopoda).—*Crustaceana* 6(4): 303–308.
- 1964c. Holthuis, L. B., and R. B. Manning. Proposed use of the Plenary Powers (A) to designate a type-species for the genera *Pseudosquilla* Dana, 1852, and *Gonodactylus* Berthold, 1827, and (B) for the suppression of the generic name *Smerdis* Leach, 1817 (Crustacea, Stomatopoda).—*Bulletin of Zoological Nomenclature* 21(2): 137–143.
1965. Stomatopoda from the collection of His Majesty The Emperor of Japan.—*Crustaceana* 9(3): 249–262.
- 1966a. Stomatopod Crustacea. Campagne de la Calypso au large des cotes atlantiques de l'Amérique du Sud (1961–1962), 3. Résultats Scientifiques des Campagnes de la "Calypso," fascicule 7.—*Annales de l'Institut Océanographique* 44: 359–384.
- 1966b. Notes on some Australian and New Zealand stomatopod Crustacea, with an account of the species collected by the Fisheries Investigation ship *Endeavour*.—*Records of the Australian Museum* 27(4): 79–137.
- 1967a. Stomatopoda in the Vanderbilt Marine Museum.—*Crustaceana* 12(1): 102–106.
- 1967b. Notes on the genus *Manningia* with the description of a new species (Crustacea: Stomatopoda).—*Proceedings of the United States National Museum* 122: 1–13.
- 1967c. Review of the genus *Odontodactylus* (Crustacea: Stomatopoda).—*Proceedings of the United States National Museum* 123: 1–35.
- 1967d. Notes on the *demanii* section of genus *Gonodactylus* Berthold with descriptions of three new species (Crustacea: Stomatopoda).—*Proceedings of the United States National Museum* 123: 1–27.
- 1967e. *Nannosquilla anomala*, a new stomatopod crustacean from California.—*Proceedings of the Biological Society of Washington* 80: 147–150.
- 1967f. Preliminary account of a new genus and a new family of Stomatopoda.—*Crustaceana* 13(2): 238–239.
- 1968a. Stomatopod Crustacea from Madagascar.—*Proceedings of the United States National Museum* 124: 1–61.
- 1968b. Correction of the type-locality of *Squilla mantoidea* Bigelow.—*Crustaceana* 14(1): 107.
- 1968c. A revision of the family Squillidae (Crustacea, Stomatopoda), with the description of eight new genera.—*Bulletin of Marine Science* 18(1): 105–142.
- 1968d. Jones, M. L., R. B. Manning, D. L. Pawson, J. Rosewater, and K. Ruetzler. Review of poisonous and venomous marine animals of the world.—*Science* 156(3776): 795.
- 1968e. Three new stomatopod crustaceans from the Indo-Malayan area.—*Proceedings of the Biological Society of Washington* 81: 241–250.
- 1968f. Tirmizi, N. M., and R. B. Manning. Stomatopod Crustacea from West Pakistan.—*Proceedings of the United States National Museum* 125: 1–48.
- 1968g. Manning, R. B., and R. Serène. Stomatopoda. Pp. 113–118 in *Prodromus for a check-list of the non-planktonic marine fauna of south east Asia*.—*Singapore National Academy of Science, Special Publication* 1: 113–120.
- 1969a. Notes on some stomatopod Crustacea from southern Africa.—*Smithsonian Contributions to Zoology* 1: 1–17.
- 1969b. Notes on the *Gonodactylus* section of the family Gonodactylidae (Crustacea, Stomatopoda), with descriptions of four new genera and a new species.—*Proceedings of the Biological Society of Washington* 82: 143–166.
- 1969c. Stomatopod Crustacea of the western Atlantic.—*Studies in Tropical Oceanography, Miami* 8: 1–380.
- 1969d. Holthuis, L. B., and R. B. Manning. Stomatopoda. Pp. R535–R552 in R. C. Moore, ed., *Treatise on invertebrate paleontology, Part R, Arthropoda* 4, volume 2: R399–R651. Geological Society of America and University of Kansas.
- 1969e. A computer-generated catalog of types: a by-product of data processing in museums.—*Curator* 12(2): 134–138.
- 1969f. The postlarvae and juvenile stages of two species of *Pseudosquillopsis* (Crustacea, Stomatopoda) from the eastern Pacific region.—*Proceedings of the Biological Society of Washington* 82: 525–538.
- 1969g. Automation in museum collections.—*Proceedings of the Biological Society of Washington* 82: 671–686.
- 1969h. A new genus and species of lobster (Decapoda, Nephropidae) from the Caribbean Sea.—*Crustaceana* 17(3): 303–309.
- 1969i. A review of the genus *Harpisquilla* (Crustacea, Stomatopoda), with descriptions of three new species.—*Smithsonian Contributions to Zoology* 36: iii–41.
- 1970a. Notes on the west American nephropidean lobster, *Nephropsis occidentalis* Faxon.—*Proceedings of the Biological Society of Washington* 82: 865–869.
- 1970b. Nine new American stomatopod crustaceans.—*Proceedings of the Biological Society of Washington* 83: 99–114.

- 1970c [1969]. Some stomatopod crustaceans from Tuléar, Madagascar.—Bulletin du Muséum national d'Histoire naturelle, Paris, séries 2, 41(6): 1429–1441.
- 1970d. *Mithrax (Mithraculus) commensalis*, a new West Indian spider crab (Decapoda, Majidae) commensal with a sea anemone.—Crustaceana 19(2): 157–161.
- 1970e. Two new stomatopod crustaceans from Australia.—Records of the Australian Museum 28(4): 77–85.
- 1970f. Holthuis, L. B., and R. B. Manning. The Porcellanidae, Hippidae, and Albuneidae (Crustacea, Decapoda). The R/V Pillsbury Deep-Sea Biological Expedition to the Gulf of Guinea, 1964–1965.—Studies in Tropical Oceanography, Miami 4(2): 241–255.
- 1970g. The stomatopod Crustacea. The R/V Pillsbury Deep-Sea Biological Expedition to the Gulf of Guinea, 1964–1965.—Studies in Tropical Oceanography, Miami 4(2): 256–275.
- 1970h. A new genus and species of stomatopod crustacean from Madagascar.—Bulletin du Muséum national d'Histoire naturelle, Paris, séries 2, 42(1): 206–209.
- 1971a. Keys to the species of *Oratosquilla* (Crustacea, Stomatopoda), with descriptions of two new species.—Smithsonian Contributions to Zoology 71: 1–16.
- 1971b. Manning, R. B., and F. A. Chace, Jr. Shrimps of the family Processidae from the northwestern Atlantic Ocean (Crustacea: Decapoda: Caridea).—Smithsonian Contributions to Zoology 89: 1–41.
- 1971c. Michel, A., and R. B. Manning. A new *Austrosquilla* (Stomatopoda) from the Marquesas Islands.—Crustaceana 20(3): 237–240.
- 1971d. Two new species of *Gonodactylus* (Crustacea, Stomatopoda) from Eniwetok Atoll, Pacific Ocean.—Proceedings of the Biological Society of Washington 84: 73–80.
- 1971e. Rose, N., and R. B. Manning. The tidal areas—still the home of abundant life.—Smithsonian 2(4): 46–53.
- 1971f. *Lysiosquilla panamica*, a new stomatopod crustacean from the eastern Pacific region.—Proceedings of the Biological Society of Washington 84: 225–230.
- 1971g. The postlarva of the stomatopod crustacean *Heterosquilla polydactyla* (von Martens).—Proceedings of the Biological Society of Washington 84: 265–270.
- 1971h. Jones, M. L., and R. B. Manning. A two-ocean bouillabaisse can result if and when sea-level canal is dug.—Smithsonian 2(9): 12–27.
- 1972a [1971]. Stomatopod Crustacea. Eastern Pacific Expeditions of the New York Zoological Society.—Zoologica, New York 56: 95–113.
- 1972b. Two new species of *Pseudosquilla* (Crustacea, Stomatopoda), from the Pacific Ocean.—American Museum Novitates 2484: 1–11.
- 1972c. Michel, A., and R. B. Manning. The pelagic larvae of *Chorisquilla tuberculata* (Borradaile, 1907) (Stomatopoda).—Crustaceana 22(2): 113–126.
- 1972d. Three new stomatopod crustaceans of the family Lysiosquillidae from the eastern Pacific region.—Proceedings of the Biological Society of Washington 85: 271–278.
- 1972e. Notes on some stomatopod crustaceans from Peru.—Proceedings of the Biological Society of Washington 85: 297–307.
- 1972f. Chace, F. A., Jr., and R. B. Manning. Two new caridean shrimps, one representing a new family, from marine pools on Ascension Island (Crustacea: Decapoda: Natantia).—Smithsonian Contributions to Zoology 131: 1–18.
- 1973a [1972]. Bowman, T. E., and R. B. Manning. Two Arctic bathyal crustaceans: The shrimp *Bythocaris cryonesus* new species, and the amphipod *Eurythenes gryllus*, with in situ photographs from Ice Island T-3.—Crustaceana 23(2): 187–201.
- 1973b [1972]. Preliminary definition of a new genus of Stomatopoda.—Crustaceana 23(2): 299–300.
- 1973c [1972]. *Gonodactylus spinulosus* Schmitt, a West Indian stomatopod new to Bermuda.—Crustaceana 23(3): 315.
- 1973d. Manning, R. B., and A. Michel. *Harpisquilla intermedia*, a new stomatopod crustacean from New Caledonia.—Proceedings of the Biological Society of Washington 86: 113–115.
- 1974a. Crustacea: Stomatopoda. Marine fauna and flora of the Northeastern United States.—NOAA Technical Report, National Marine Fisheries Service Circular 387: 1–6.
- 1974b [1973]. Stomatopod Crustacea. Campagne de la Calypso dans le Golfe de Guinée et aux îles Principe, Sao Tomé et Annobon (1956), et Campagne aux îles du Cap Vert (1959) (suite), 21. Résultats Scientifiques des Campagnes de la "Calypso," fascicule 10.—Annales de l'Institut Océanographique 50(1): 1–22.
- 1974c. Stomatopods collected by Th. Mortensen in the eastern Pacific region (Crustacea, Stomatopoda).—Steenstrupia (Copenhagen) 3(11): 101–109.
- 1974d. A new stomatopod crustacean from Mauritius.—Revue Suisse de Zoologie 81(1): 69–72.
- 1974e. Decapoda. Pp. 542–549 in Encyclopaedia Britannica, 15<sup>th</sup> edition. Helen Hemingway Benton Publisher.
- 1975a. *Eurysquilla pacifica*, a new stomatopod crustacean from New Britain.—Proceedings of the Biological Society of Washington 88: 249–252.
- 1975b. Two new species of the Indo-West Pacific genus *Chorisquilla* (Crustacea, Stomatopoda), with notes on *C. excavata* (Miers).—Proceedings of the Biological Society of Washington 88: 253–261.
- 1975c. A new species of *Meiosquilla* (Crustacea, Stomatopoda) from South Africa.—Annals of the South African Museum 67(9): 363–366.
- 1975d. The identity of *Raninoides fossor* A. Milne-Edwards & Bouvier, 1923 (Decapoda).—Crustaceana 29(3): 297–298.
- 1975e. Two methods for collecting decapods in shallow water.—Crustaceana 29(3): 317–319.
- 1975f. *Gonodactylus bottii*, a new stomatopod crustacean from Indonesia.—Senckenbergiana biologica 56(4/6): 289–291.
- 1976a. A redescription of *Clorida mauiana* (Bigelow), a stomatopod crustacean new to the American fauna.—Proceedings of the Biological Society of Washington 89: 215–219.
- 1976b. Notes on some Eastern Pacific stomatopod Crustacea, with descriptions of a new genus and two new species of Lysiosquillidae.—Proceedings of the Biological Society of Washington 89: 221–231.
- 1976c. Redescriptions of *Oratosquilla indica* (Hansen) and *Clorida verrucosa* (Hansen), with accounts of a new genus and two new species (Crustacea, Stomatopoda).—Beaufortia (Amsterdam) 25(318): 1–13.
- 1976d. Manning, R. B., and P. Struhsaker. Occurrence of the Caribbean stomatopod, *Bathysquilla microps*, off Hawaii, with additional records for *B. microps* and *B. crassispinosa*.—Proceedings of the Biological Society of Washington 89: 439–449.
- 1977a. Manning, R. B., and H. H. Hobbs, Jr. Decapoda. Pp. 157–162 in S. H. Hurlbert, editor, Biota Acuática de Sudamérica Austral. San Diego State University. xiv + 342 pp.

- 1977b. Stomatopod Crustacea in the Muséum d'Histoire naturelle, Geneva.—*Revue Suisse de Zoologie* 84(2): 279–295.
- 1977c. Preliminary accounts of five new genera of stomatopod crustaceans.—*Proceedings of the Biological Society of Washington* 90(2): 420–423.
- 1977d. A monograph of the West African stomatopod Crustacea.—*Atlantide Report* 12: 25–181.
- 1977e. Dingle, H., R. L. Caldwell, and R. B. Manning. Stomatopods of Phuket Island, Thailand.—*Phuket Marine Biological Center, Research Bulletin* 20: 1–20.
- 1978a. Notes on some species of the *falcaus* group of *Gonodactylus* (Crustacea: Stomatopoda: Gonodactylidae).—*Smithsonian Contributions to Zoology* 258: iii–15.
- 1978b. Synopses of the Indo-West-Pacific species of *Lysiosquilla* Dana, 1852 (Crustacea: Stomatopoda: Lysiosquillidae).—*Smithsonian Contributions to Zoology* 259: iii–16.
- 1978c. New and rare stomatopod Crustacea from the Indo-West-Pacific region.—*Smithsonian Contributions to Zoology* 264: iii–36.
- 1978d. Further observations on *Oratosquilla*, with accounts of two new genera and nine new species.—*Smithsonian Contributions to Zoology* 272: iii–44.
- 1978e. A new genus of stomatopod crustacean from the Indo-West Pacific region.—*Proceedings of the Biological Society of Washington* 91(1): 1–4.
- 1978f. Provenzano, A. J., Jr., and R. B. Manning. The later larval stages of *Gonodactylus oerstedii* Hansen reared in the laboratory. Studies on development of stomatopod Crustacea, II.—*Bulletin of Marine Science* 28(2): 297–315.
- 1978g. Additional records for two eastern Atlantic stomatopods.—*Proceedings of the Biological Society of Washington* 91(2): 450–452.
- 1978h. Lobsters, 45 pp. (unpaginated) in W. Fischer, editor, *FAO species identification sheets for fishery purposes: Western Central Atlantic (Fishing Area 31)*, 6. FAO, Rome.
- 1978i. Stomatopods, 2 pp. (unpaginated) in W. Fischer, editor, *FAO species identification sheets for fishery purposes: Western Central Atlantic (Fishing Area 31)*, 6. FAO, Rome.
- 1978j. Frogliola, C., and R. B. Manning. *Brachynotus gemellari* (Rizza, 1839), the third Mediterranean species of the genus (Crustacea, Decapoda, Brachyura).—*Proceedings of the Biological Society of Washington* 91(3): 691–705.
- 1978k. Manning, R. B., and R. R. Makarov. A new species of *Faughnia* from the western Indian Ocean (Crustacea, Stomatopoda).—*Bulletin du Muséum national d'Histoire naturelle, Paris, séries 3, number 520, Zoologie* 356: 517–523.
- 1979a. *Nannosquilla vasquezi*, a new stomatopod crustacean from the Atlantic coast of Panama.—*Proceedings of the Biological Society of Washington* 92(2): 380–383.
- 1979b. Notes on two species of stomatopod Crustacea from Phuket Island, Thailand.—*Proceedings of the Biological Society of Washington* 92(2): 394–398.
- 1979c. Manning, R. B., and M. L. Reaka. Three new stomatopod crustaceans from the Pacific coast of Costa Rica.—*Proceedings of the Biological Society of Washington* 92(3): 634–639.
- 1979d. Manning, R. B., and C. Frogliola. Description of a new *Allosquilla* with notes on other Adriatic stomatopod Crustacea.—*Quaderni del Laboratorio di Tecnologia della Pesca* 2(4): 177–190.
- 1980a. *Pullosquilla thomassini* Manning 1978 new to the Red Sea.—*Senckenbergiana biologica* 60(3/4): 269–270.
- 1980b. Lewinsohn, Ch., and R. B. Manning. Stomatopod Crustacea from the eastern Mediterranean.—*Smithsonian Contributions to Zoology* 305: iii–22.
- 1980c. Manning, R. B., and W. C. Blow. H. B. Roberts, 1 September 1910–14 March 1979.—*Crustaceana* 39(1): 104–107.
- 1980d. The superfamilies, families and genera of Recent Stomatopod Crustacea, with diagnoses of six new families.—*Proceedings of the Biological Society of Washington* 93(2): 362–372.
- 1980e. Reaka, M. L., and R. B. Manning. The distributional ecology and zoogeographical relationships of stomatopod Crustacea from Pacific Costa Rica.—*Smithsonian Contributions to the Marine Sciences* 7: iii–29.
- 1980f. *Oratosquilla megalops*, a new stomatopod crustacean from Taiwan.—*Proceedings of the Biological Society of Washington* 93(3): 523–524.
- 1981a. Manning, R. B., and L. B. Holthuis. West African Brachyuran crabs.—*Smithsonian Contributions to Zoology* 306: 1–379.
- 1981b. Neotype selection for the stomatopod *Squilla chiragra* Fabricius, 1781.—*Crustaceana* 40(2): 217–219.
- 1981c. First record of *Kempina zanzibarica* (Chopra 1939) from the Red Sea, with notes on *Lenisquilla gilesi* (Kemp 1911).—*Senckenbergiana biologica* 61(3/4): 297–303.
- 1981d. Manning, R. B., and M. L. Reaka. *Gonodactylus aloha*, a new stomatopod crustacean from the Hawaiian Islands.—*Journal of Crustacean Biology* 1(2): 190–200.
- 1981e. Manning, R. B., and M. L. Reaka. *Gonodactylus siamensis*, a new stomatopod crustacean from Thailand.—*Proceedings of the Biological Society of Washington* 94(2): 479–482.
- 1981f. Manning, R. B., and D. K. Camp. A review of the *Platysquilla* complex, with the designation of two new genera.—*Proceedings of the Biological Society of Washington* 94(2): 591–597.
- 1981g. Reaka, M. L., and R. B. Manning. The behavior of stomatopod Crustacea, and its relationship to rates of evolution.—*Journal of Crustacean Biology* 1(3): 309–327.
- 1981h. Hart, C. W., Jr., and R. B. Manning. The cavernicolous caridean shrimps of Bermuda (Alpheidae, Hippolytidae, and Atyidae).—*Journal of Crustacean Biology* 1(3): 441–456.
- 1981i. Manning, R. B., and C. W. Hart, Jr. *Gonodactylus lightbourni*, a new stomatopod crustacean from Bermuda.—*Proceedings of the Biological Society of Washington* 94(3): 708–712.
- 1981j. Deiss, W. A., and R. B. Manning. The fate of the invertebrate collections of the North Pacific Exploring Expedition, 1853–1856. Pp. 79–85 in *History in the service of systematics*. Society for the Bibliography of Natural History, London.
- 1981k. Manning, R. B., and Ch. Lewinsohn. Selection of a neotype for *Cancer falcaus* Forskål, 1775 (Stomatopoda).—*Crustaceana* 41(3): 314–316.
- 1981l. West African brachyuran crabs. Pp. 431–434 in *National Geographic Society, Research Reports*, 13: xv + 749 pages. National Geographic Society, Washington, D.C.
- 1981m. Stomatopods, 9 pp. (unpaginated) in W. Fischer, G. Bianchi, and W. B. Scott, eds., *FAO species iden-*

- tification sheets for fishery purposes: Eastern Central Atlantic (Fishing Areas 34, 47, 6). FAO, Rome.
- 1982a. Stomatopoda. Pp. 237–241 in S. P. Parker, ed., *Synopsis and classification of living organisms*, 2 volumes. McGraw-Hill Book Company, New York.
- 1982b. Manning, R. B., and M. L. Reaka. *Gonodactylus insularis*, a new stomatopod crustacean from Enewetak Atoll, Pacific Ocean.—*Proceedings of the Biological Society of Washington* 95(2): 347–351.
- 1982c. Manning, R. B., and Ch. Lewinsohn. *Rissoides*, a new genus of stomatopod crustacean from the East Atlantic and South Africa.—*Proceedings of the Biological Society of Washington* 95(2): 352–353.
- 1982d. *Achaeus powelli*, a new spider crab from Nigeria (Crustacea, Decapoda, Majidae).—*Journal of Crustacean Biology* 2(3): 459–463.
- 1982e. Garcia, R. G., and R. B. Manning. Four new species of stomatopod crustaceans from the Philippines.—*Proceedings of the Biological Society of Washington* 95(3): 537–544.
- 1982f. Camp, D. K., and R. B. Manning. Five new species of *Nannosquilla* from the northwestern Atlantic (Crustacea: Stomatopoda).—*Smithsonian Contributions to Zoology* 368: iii–15.
- 1982g. Manning, R. B., and R. G. Garcia. Notes on species of the genus *Coronidopsis* (Crustacea, Stomatopoda, Eurysquillidae).—*Journal of Crustacean Biology* 2(4): 593–599.
- 1982h. A redescription of *Cancer sexpes* Fabricius, 1798 (Crustacea, Decapoda, Hexapodidae).—*Steenstrupia* (Copenhagen) 8(5): 157–161.
- 1982i. de Saint Laurent, M., and R. B. Manning. *Calliax punica*, espèce nouvelle de Callianassidae (Crustacea, Decapoda) des eaux méditerranéennes.—*Quaderni del Laboratorio di Tecnologia della Pesca, Ancona* 3(2–5): 211–224.
- 1982j. Frogliia, C., and R. B. Manning. Notes on *Lio-carcinus pusillus* (Leach) and related species.—*Quaderni del Laboratorio di Tecnologia della Pesca, Ancona* 3(2–5): 257–266.
- 1982k. Ingle, R. W., and R. B. Manning. Variation, synonymy and distribution of the spider crab, *Macropodia rostrata* (Linnaeus).—*Quaderni del Laboratorio di Tecnologia della Pesca, Ancona* 3(2–5): 271–283.
- 1982l. Manning, R. B., and Z. Stcvić. Decapod fauna of the Piran Gulf.—*Quaderni del Laboratorio di Tecnologia della Pesca, Ancona* 3(2–5): 285–304.
- 1982m. Manning, R. B., and C. Frogliia. On a collection of decapod Crustacea from southern Sardinia.—*Quaderni del Laboratorio di Tecnologia della Pesca, Ancona* 3(2–5): 319–334.
- 1983a. Iliffe, T. M., C. W. Hart, Jr., and R. B. Manning. Biogeography and the caves of Bermuda.—*Nature* 302(5904): 141–142.
- 1983b. Manning, R. B., and D. K. Camp. *Fennerosquilla*, a new genus of stomatopod crustacean from the northwestern Atlantic.—*Proceedings of the Biological Society of Washington* 96(2): 317–322.
- 1983c. Hart, C. W., Jr., J. Clark, and R. B. Manning. Mythology and microcomputers.—*Curator* 26(3): 199–202.
- 1984d. *Gonodactyloideus cracens* n. gen., n. sp., a new stomatopod crustacean from western Australia.—*The Beagle* 1(9): 83–86.
- 1984e. Manning, R. B., and A. J. Bruce. *Erythroscquilla megalops*, a remarkable new stomatopod from the western Indian Ocean.—*Journal of Crustacean Biology* 4(2): 329–332.
- 1984f. Manning, R. B., H. Schiff, and B. C. Abbott. Cornea shape and surface structure in some stomatopod Crustacea.—*Journal of Crustacean Biology* 4(3): 502–513.
- 1984g. *Crenatosquilla*, a new genus of stomatopod crustacean from the East Pacific.—*Proceedings of the Biological Society of Washington* 97(1): 191–193.
- 1984h. Manning, R. B., H. Schiff, and B. C. Abbott. Eye structure and the classification of stomatopod Crustacea.—*Zoologica Scripta* 13(1): 41–44.
- 1984i. Abbott, B. C., R. B. Manning, and H. Schiff. An attempt to correlate pseudopupilar sizes in stomatopod crustaceans with ambient light conditions and behavior patterns.—*Comparative Biochemistry and Physiology* 78A(3): 419–426.
- 1984j. Tai, A.-Y., and R. B. Manning. A new species of *Potamocypoda* (Crustacea: Brachyura: Ocypodidae) from Malaysia.—*Proceedings of the Biological Society of Washington* 97(3): 615–617.
- 1984k. Manning, R. B., and C. W. Hart, Jr. The status of the hippolytid shrimp genera *Barbouria* and *Ligur* (Crustacea: Decapoda): a reevaluation.—*Proceedings of the Biological Society of Washington* 97(3): 655–665.
- 1984l. Manning, R. B., and L. B. Holthuis. *Geryon feneri*, a new deep-water crab from Florida (Crustacea: Decapoda: Geryonidae).—*Proceedings of the Biological Society of Washington* 97(3): 666–673.
- 1984m. Schiff, H., and R. B. Manning. Description of a unique crustacean eye.—*Journal of Crustacean Biology* 4(4): 604–614.
- 1985a. Schiff, H., B. C. Abbott, and R. B. Manning. Possible monocular range-finding mechanisms in stomatopods from different environmental light conditions.—*Comparative Biochemistry and Physiology* 80A(3): 271–280.
- 1985b. Hart, C. W., Jr., R. B. Manning, and T. M. Iliffe. The fauna of Atlantic marine caves: evidence of dispersal by sea floor spreading while maintaining ties to deep waters.—*Proceedings of the Biological Society of Washington* 98(1): 288–292.
- 1985c. Holthuis, L. B., and R. B. Manning. *Neodorippe Serène & Romimoharto*, 1969 (Crustacea, Decapoda): proposed designation of a type species. Z.N.(S.) 2467.—*Bulletin of Zoological Nomenclature* 42(3): 304–305.
- 1985d. Kropp, R. K., and R. B. Manning. Cryptochiridae, the correct name for the family containing the gall crabs (Crustacea: Decapoda: Brachyura).—*Proceedings of the Biological Society of Washington* 98(4): 954–955.
- 1986a. Order Stomatopoda (mantis shrimps). Pp. 306–310 in W. Sterrer, editor, *Marine Fauna and Flora of Bermuda*. John Wiley and Sons, New York.
- 1986b. Chace, F. A., Jr., J. J. McDermott, P. A. McLaughlin, and R. B. Manning. Order Decapoda (shrimps, lobsters and crabs). Pp. 312–358 in W. Sterrer, ed., *Marine Fauna and Flora of Bermuda*. John Wiley and Sons, New York.
- 1986c. Manning, R. B., and Ch. Lewinsohn. Notes on some stomatopod Crustacea from the Sinai Peninsula, Red Sea.—*Smithsonian Contributions to Zoology* 433: iii–19.
- 1986d. Frogliia, C., and R. B. Manning. Notes on the species of *Allosquilla* and *Platysquilloides* (Crustacea: Stomatopoda).—*Proceedings of the Biological Society of Washington* 99(2): 261–265.
- 1986e. A small trap for collecting crustaceans in shallow water.—*Proceedings of the Biological Society of Washington* 99(2): 266–268.

- 1986f. Additional records for *Callianassa rathbunae* Schmitt, 1935, from Florida and the Bahamas (Crustacea: Decapoda: Callianassidae).—Proceedings of the Biological Society of Washington 99(2): 347–349.
- 1986g. Manning, R. B., and L. B. Holthuis. Preliminary descriptions of four new species of dorippid crabs from the Indo-West Pacific region (Crustacea: Decapoda: Brachyura).—Proceedings of the Biological Society of Washington 99(2): 363–365.
- 1986h. Manning, R. B., and L. B. Holthuis. Notes on *Geryon* from Bermuda, with the description of *Geryon inghami*, new species (Crustacea: Decapoda: Geryonidae).—Proceedings of the Biological Society of Washington 99(2): 366–373.
- 1986i. Schiff, H., R. B. Manning, and B. C. Abbott. Structure and optics of ommatidia from eyes of stomatopod crustaceans from different luminous habitats.—Biological Bulletin 170: 461–480.
- 1986j. Schiff, H., B. C. Abbott, and R. B. Manning. Optics, range-finding, and neuroanatomy of the eye of a mantis shrimp, *Squilla mantis* (Linnaeus) (Crustacea, Stomatopoda: Squillidae).—Smithsonian Contributions to Zoology 440: iii–32.
- 1986k. Chace, F. A., Jr.: biographical notes and bibliography.—Journal of Crustacean Biology 6(3): i–vi.
- 1986l. Hart, C. W., Jr., and R. B. Manning. Two new shrimps (Procarididae and Agostocarididae, new family) from marine caves of the western north Atlantic.—Journal of Crustacean Biology 6(3): 408–416.
- 1986m. Felder, D. L., and R. B. Manning. A new genus and two new species of alpheid shrimps (Decapoda: Caridea) from south Florida.—Journal of Crustacean Biology 6(3): 497–508.
- 1986n. Manning, R. B., C. W. Hart, Jr., and T. M. Iliffe. Mesozoic relicts in marine caves of Bermuda.—Stylogologia 2(1/2): 156–166.
- 1986o. Manning, R. B., and D. L. Felder. The status of the callianassid genus *Callichirus* Stimpson, 1866 (Crustacea: Decapoda: Thalassinidea).—Proceedings of the Biological Society of Washington 99(3): 437–443.
- 1986p. Camp, D. K., and R. B. Manning. Observations on *Nannosquilla*, with descriptions of three new species from the northwestern Atlantic (Crustacea: Stomatopoda).—Smithsonian Contributions to Zoology 444: iii–17.
- 1987a. Reaka, M. L., and R. B. Manning. The significance of body size, dispersal potential, and habitat for rates of morphological evolution in stomatopod Crustacea.—Smithsonian Contributions to Zoology 448: iii–46.
- 1987b. The American Association for Zoological Nomenclature.—Bulletin of Zoological Nomenclature 44(1): 5–6.
- 1987c. Notes on western Atlantic Callianassidae (Crustacea: Decapoda: Thalassinidea).—Proceedings of the Biological Society of Washington 100(2): 386–401.
- 1987d. Manning, R. B., and B. Morton. Pinnotherids (Crustacea: Decapoda) and Leptonaceans (Mollusca: Bivalvia) associated with sipunculans worms in Hong Kong.—Proceedings of the Biological Society of Washington 100(3): 543–551.
- 1987e. Kropp, R. K., and R. B. Manning. The Atlantic gall crabs, family Cryptochiridae (Crustacea: Decapoda: Brachyura).—Smithsonian Contributions to Zoology 462: iii–21.
- 1987f. Reaka, M. L., and R. B. Manning. Stomatopod Crustacea of Enewetak Atoll. Pp. 181–190 in D. M. Devaney et al., eds., The Natural History of Enewetak Atoll, volume 2, Biogeography and Systematics. U.S. Department of Energy.
- 1987g. Holthuis, L. B., and R. B. Manning. *Hypoconcha parasitica* (Linnaeus, 1763), a senior synonym of *Hypoconcha sabulosa* (Herbst, 1799) (Crustacea: Decapoda: Brachyura).—Proceedings of the Biological Society of Washington 100(4): 1018–1022.
- 1987h. Manning, R. B., and L. B. Holthuis. The status of *Geryon trispinosus* (Herbst) (Geryonidae).—Investigación Pesquera 51 (Supl. 1): 57–62.
- 1988a. Manning, R. B., and L. B. Holthuis. South African species of the genus *Geryon* (Crustacea, Decapoda, Geryonidae).—Annals of the South African Museum 98(3): 77–92.
- 1988b. Notes on albuneid crabs (Crustacea, Decapoda, Albuneidae) from the central east coast of Florida.—Proceedings of the Biological Society of Washington 101(3): 626–632.
- 1988c. Ghosh, H. C., and R. B. Manning. Types of stomatopod crustaceans in the Zoological Survey of India.—Proceedings of the Biological Society of Washington 101(3): 653–661.
- 1988d. The status of *Callianassa hartmeyeri* Schmitt, 1935, with the description of *Corallianassa xutha* from the west coast of America (Crustacea, Decapoda, Thalassinidea).—Proceedings of the Biological Society of Washington 101(4): 883–889.
- 1989a. Manning, R. B., and L. B. Holthuis. Two new genera and nine new species of geryonid crabs (Crustacea, Decapoda, Geryonidae).—Proceedings of the Biological Society of Washington 102(1): 50–77.
- 1989b. Chirino-Gálvez, L. A., and R. B. Manning. A new deep-sea crab of the genus *Chaceon* from Chile.—Proceedings of the Biological Society of Washington 102(2): 401–404.
- 1989c. Manning, R. B., and D. K. Camp. Additional records for an Atlantic reef lobster, *Enoplometopus antillensis* Lütken, 1865 (Crustacea, Decapoda, Enoplometopidae).—Proceedings of the Biological Society of Washington 102(2): 411–417.
- 1989d. Manning, R. B., and D. L. Felder. The *Pinnixa cristata* complex in the western Atlantic, with descriptions of two new species (Crustacea: Decapoda: Pinnotheridae).—Smithsonian Contributions to Zoology 473: iv–26.
- 1989e. Manning, R. B., M. S. Tavares, and E. F. Albuquerque. *Chaceon ramosae*, a new deep-water crab from Brazil (Crustacea: Decapoda: Geryonidae).—Proceedings of the Biological Society of Washington 102(3): 646–650.
- 1989f. *Sanquerus*, a replacement name for *Posidon* Herklotz 1851 (Crustacea, Decapoda, Portunidae).—Proceedings of the Biological Society of Washington 102(3): 698–700.
- 1989g. Manning, R. B., and C. W. Hart, Jr. The occurrence of *Panopeus lacustris* Schramm in marine caves of Bermuda.—Crustaceana 57(3): 313–315.
- 1989h. Williams, A. B., editor, L. G. Abele, D. L. Felder, H. H. Hobbs, Jr., R. B. Manning, P. A. McLaughlin, and I. Pérez Farfante. Common and scientific names of aquatic invertebrates from the United States and Canada: decapod crustaceans.—American Fisheries Society Special Publication 17: 1–77.
- 1989i. Zoogeographical relationships of stomatopod Crustacea from the northern Arabian Sea. Pp. 113–119 in

- M.-F. Thompson and N. M. Tirmizi, editors, Marine science of the Arabian Sea. Proceedings of an International Conference. American Institute of Biological Sciences, Washington.
- 1989j. Reaka, M. L., Maymond B. Ranning [sic], and D. L. Felder. The significance of macro- and microhabitat for reproduction in reef-dwelling stomatopods from Belize. Pp. 293–298 in E. A. Ferrero, editor, *Biology of stomatopods. Selected Symposia and Monographs U.Z.I. 3* Mucchi, Modena.
- 1989k. Manning, R. B., and M. L. Reaka. Preliminary observations on the biology of *Coronis scolopendra* at Fort Pierce, Florida. Pp. 213–219 in E. A. Ferrero, ed., *Biology of stomatopods. Selected Symposia and Monographs U.Z.I. 3* Mucchi, Modena.
- 1989l. Reaka, M. L., and R. B. Manning. Techniques for sampling Stomatopoda in benthic environments. Pp. 251–273 in E. A. Ferrero, editor, *Biology of stomatopods. Selected Symposia and Monographs U.Z.I. 3* Mucchi, Modena.
- 1989m. Froggia, C., and R. B. Manning. Checklist and key to adult Mediterranean stomatopod Crustacea. Pp. 265–273 in E. A. Ferrero, ed., *Biology of stomatopods. Selected Symposia and Monographs U.Z.I. 3* Mucchi, Modena.
- 1990a. *Mortensenenus minus*, a new genus and species of coronidid stomatopod from Mauritius.—*Journal of Crustacean Biology* 10(1): 162–164.
- 1990b. Studies on systematics of geryonid crabs. Pp. 1–2 in W. J. Lindberg and E. L. Wenner, eds., *Geryonid crabs and associated continental slope fauna: a research workshop report*. Florida Sea Grant College, Technical Paper 58.
- 1990c. Holthuis, L. B., and R. B. Manning. Crabs of the subfamily Dorippinae MacLeay, 1838, from the Indo-West Pacific region.—*Researches on Crustacea, Special Number 3*: 1–151.
- 1990d. Heard, R. W., and R. B. Manning. *Caecopilumnus crassipes* (Tesch, 1918) (Decapoda, Brachyura, Pilumnidae) and *Acanthosquilla multifasciata* (Wood-Mason, 1895) (Stomatopoda, Nannosquillidae), new to the Hawaiian Islands.—*Crustaceana* 59(1): 105–107.
- 1990e. Manning, R. B., R. K. Kropp, and J. Domínguez. Biogeography of deep-sea stomatopod Crustacea, family Bathysquillidae.—*Progress in Oceanography* 24: 311–316.
- 1990f. Stomatopod Crustacea from the Persian Gulf, with the description of a new *Manungia*.—*Steenstrupia* (Copenhagen) 16(6): 93–108.
- 1990g. Manning, R. B., and M. L. Reaka-Kudla. The distribution of the parasitic gastropod *Caledoniella montrouzieri* Soubervie, 1869 (Caledoniellidae), on gonodactylid stomatopod crustaceans.—*Raffles Bulletin of Zoology* 38(1): 77–82.
- 1990h. Manning, R. B., E. W. Dawson, and W. R. Webber. A new species of *Chaceon* from New Zealand (Crustacea: Decapoda: Brachyura: Geryonidae).—*Proceedings of the Biological Society of Washington* 103(3): 603–607.
- 1990i. History of The Crustacean Society.—*Journal of Crustacean Biology* 10(4): 735–750.
- 1990j. Manning, R. B., and F. A. Chace, Jr. Decapod and stomatopod crustaceans from Ascension Island, south Atlantic Ocean.—*Smithsonian Contributions to Zoology* 503: 1–91.
- 1991a. Manning, R. B., and C. W. Hart, Jr. A new species of *Processa* from Bermuda (Crustacea: Decapoda: Caridea).—*Proceedings of the Biological Society of Washington* 104(2): 317–321.
- 1991b. Stomatopod Crustacea collected by the *Galathea* Expedition, 1950–1952, with a list of Stomatopoda known from depths below 400 meters.—*Smithsonian Contribution to Zoology* 521: iv–18.
- 1991c. The importance of taxonomy and museum in the 1900s.—*Memoirs of the Queensland Museum* 31: 205–207.
- 1991d. The status of *Cleistostoma dotilliforme* Alcock, 1900 (Crustacea: Decapoda: Ocypodidae), with the description of a new genus.—*Raffles Bulletin of Zoology* 39(2): 299–306.
- 1991e. Manning, R. B., and D. L. Felder. Revision of the American Callianassidae (Crustacea: Decapoda: Thalassinidea).—*Proceedings of the Biological Society of Washington* 104(4): 764–792.
- 1991f. Crustacea Decapoda: *Cecidocarcinus zibrowii*, a deep-water gall crab (Cryptochiridae) from New Caledonia. In: A. Crosnier, ed. *Résultats des Campagnes MUSORSTOM, vol. 9. Mémoires du Muséum national d'Histoire naturelle*, 152: 515–520.
- 1992a [1991]. *Processa vossi*, a new caridean shrimp from Florida (Crustacea, Decapoda, Processidae).—*Bulletin of Marine Science* 49(1–2): 552–557.
- 1992b [1991]. Manning, R. B., and D. L. Felder. *Gilvosius*, a new genus of callianassid shrimp from eastern United States (Crustacea: Decapoda: Thalassinidea).—*Bulletin of Marine Science* 49(1–2): 558–561.
- 1992c. Rodrigues, S. A., and R. B. Manning. First stage larva of *Coronis scolopendra* Latreille (Stomatopoda: Nannosquillidae).—*Journal of Crustacean Biology* 12(1): 79–82.
- 1992d. Feldmann, R. M., and R. B. Manning. Crisis in systematic biology in the “Age of Biodiversity.”—*Journal of Paleontology* 66(1): 157–158.
- 1992e. A new geryonid crab from Walters Shoals, southwestern Indian Ocean (Crustacea: Decapoda: Brachyura).—*Proceedings of the Biological Society of Washington* 105(1): 86–89.
- 1992f. Rodrigues, S. A., and R. B. Manning. Two new callianassid shrimps from Brazil (Crustacea: Decapoda: Thalassinidea).—*Proceedings of the Biological Society of Washington* 105(2): 324–330.
- 1992g. Two new species of deep-sea crab of the genus *Chaceon* from Pacific Ocean (Crustacea: Decapoda: Brachyura).—*Bulletin du Muséum national d'Histoire naturelle, Paris, séries 4, section A*, 14(1): 209–215.
- 1992h. Rodrigues, S. A., and R. B. Manning. *Porti gaucho*, a new genus and species of ghost shrimp from southern Brazil (Crustacea: Decapoda: Callianassidae).—*Bulletin of Marine Science* 51(1): 9–13.
- 1992i. A new genus for *Corallianassa xutha* Manning (Crustacea: Decapoda: Callianassidae).—*Proceedings of the Biological Society of Washington* 105(3): 571–574.
- 1993a. Two new dorippid crabs from Australia (Crustacea: Decapoda: Dorippidae).—*Records of the Australian Museum* 45(1–4): 1–4.
- 1993b. Manning, R. B., and D. K. Camp. Erythroquilloidea, a new superfamily and Tetrasquillidae, a new family of stomatopod crustaceans.—*Proceedings of the Biological Society of Washington* 106(1): 85–91.
- 1993c. Two new species of *Neocallichirus* from the Caribbean Sea (Crustacea: Decapoda: Callianassidae).—*Proceedings of the Biological Society of Washington* 106(1): 106–114.



- 1993d. A new deep-sea crab, genus *Chaceon*, from the Arabian Sea (Crustacea: Decapoda: Geryonidae).—Pakistan Journal of Marine Science 2(1): 1–3.
- 1993e. Three genera removed from the synonymy of *Pinnotheres* Bosc, 1802 (Brachyura: Pinnotheridae).—Proceedings of the Biological Society of Washington 106(3): 523–531.
- 1993f. Schotte, M., and R. B. Manning. Stomatopod Crustacea from Tobago, West Indies.—Proceedings of the Biological Society of Washington 106(3): 566–581.
- 1993g. *Epulotheres angelae*, new genus, new species, a pinnotherid crab from the Caribbean Sea (Decapoda: Pinnotheridae).—Journal of Crustacean Biology 13(4): 801–804.
- 1993h. A new deep-sea crab, genus *Chaceon*, from the Austral Islands, southwestern Pacific Ocean (Decapoda: Geryonidae).—Crustacean Research 22: 7–10.
- 1993i. Ghosh, H. C., and R. B. Manning. A new deep-sea crab of the genus *Chaceon* from India (Crustacea: Decapoda: Geryonidae).—Proceedings of the Biological Society of Washington 106(4): 714–718.
- 1993j. West African pinnotherid crabs, subfamily Pinnotherinae (Crustacea: Decapoda: Brachyura).—Mémoires du Muséum national d'Histoire naturelle, Paris séries 4, section A, 1–4: 125–177.
- 1993k. The scientific contributions of William Stimpson, an early American naturalist and taxonomist.—History of Carcinology: 109–117.
- 1993l. A new deep-water crab, genus *Chaceon*, from Indonesia (Crustacea: Decapoda: Geryonidae).—Raffles Bulletin of Zoology 41(2): 169–172.
- 1994a [1993]. Manning, R. B., and R. Lemaitre. *Sergio*, a new ghost shrimp from the Americas (Crustacea: Decapoda: Callinassidae).—Nauplius 1: 39–43.
- 1994b. Felder, D. L., and R. B. Manning. Description of the ghost shrimp *Eucalliix mcilhennyi*, new species, from south Florida, with reexamination of its known congeners (Crustacea: Decapoda: Callinassidae).—Proceedings of the Biological Society of Washington 107(2): 340–353.
- 1994c. Tirmizi, N. M., Q. B. Kazmi, and R. B. Manning. An illustrated key to the Malacostraca (Crustacea) of the Northern Arabian Sea. Part II: Stomatopoda.—Pakistan Journal of Marine Science 3(2): 125–169.
- 1995a [1994]. Cappola, V., and R. B. Manning. Research on the coast of Somalia. Crustacea Stomatopoda.—Tropical Zoology 7: 271–291.
- 1995b. Manning, R. B., and D. L. Felder. Description of the ghost shrimp, *Sergio mericeae*, a new species from south Florida, with reexamination of *S. guassutina* (Crustacea: Decapoda: Callinassidae).—Proceedings of the Biological Society of Washington 108(2): 266–280.
- 1995c. Felder, D. L., and R. B. Manning. *Neocallichirus cacahuate*, a new species of ghost shrimp from the Atlantic coast of Florida, with reexamination *N. grandimana* and *N. lemaitrei* (Crustacea: Decapoda: Callinassidae).—Proceedings of the Biological Society of Washington 108(3): 477–490.
- 1995d. Stomatopod Crustacea of Vietnam: The Legacy of Raoul Serène.—Crustacean Research, special number 4: vii–339.
- 1996a [1995]. Kropp, R. K., and R. B. Manning. Crustacea Decapoda: Two new genera and species of deep water gall crabs from Indo-west Pacific (Cryptochiridae). Pp. 531–539 in A. Crosnier (ed.), Résultats des Campagnes MUSORSTOM, vol. 15. Mémoires du Muséum national d'Histoire naturelle 168.
- 1996b. Manning, R. B., and D. L. Felder. *Nannotheres moorei*, a new genus and species of minute pinnotherid crab from Belize, Caribbean Sea (Crustacea: Decapoda: Pinnotheridae).—Proceedings of the Biological Society of Washington 109(2): 311–317.
- 1996c. Blow, W. C., and R. B. Manning. Preliminary descriptions of 25 new decapod crustaceans from the middle Eocene of the Carolinas, U.S.A.—Tulane Studies in Geology and Paleontology 29(1): 1–26.
- 1997a. Manning, R. B., and R. W. Heard. Stomatopod crustaceans from the Carolinas and Georgia, Southeastern United States.—Gulf Research Reports 9(4): 303–320.
- 1997b. *Viridoheres marionae*, a new genus and species of pinnotherid crab from West Africa (Crustacea: Decapoda: Brachyura).—Zoologische Mededeelingen (Leiden) 70: 271–273.
- 1997c. Felder, D. L., and R. B. Manning. Ghost shrimp of the genus *Lepidophthalmus* from the Caribbean region, with description of *L. richardi*, new species, from Belize (Decapoda: Thalassinidea: Callinassidae).—Journal of Crustacean Biology 17(2): 309–331.
- 1997d. Sankarankutty, C., and R. B. Manning. Observation on *Hexapanopeus schmitti* Rathbun from Brazil (Crustacea: Decapoda: Xanthidae).—Proceedings of the Biological Society of Washington 110(2): 249–255.
- 1997e. *Eunephrops luckhursti*, a new deep-sea lobster from Bermuda (Crustacea: Decapoda: Nephropidae).—Proceedings of the Biological Society of Washington 110(2): 256–262.
- 1997f. *Neogonodactylus campi*, a new species of stomatopod crustacean from Caribbean Sea, with additional records for *N. caribbaeus* (Schotte & Manning).—Proceedings of the Biological Society of Washington 110(2): 280–284.
- 1997g. The genus *Faughnia* from Taiwan, with description of a new species (Stomatopoda: Parasquillidae).—Journal of Crustacean Biology 17(3): 546–554.
- 1997h. *Austinixa*, a new genus of pinnotherid crab (Crustacea: Decapoda: Brachyura), with the description of *A. hardyi*, a new species from Tobago, West Indies.—Proceedings of the Biological Society of Washington 110(3): 393–398.
- 1997i. Blow, W. C., and R. B. Manning. A new genus, *Martinetta*, and two new species of xanthoid crab from the middle Eocene Santee Limestone of South Carolina.—Tulane Studies in Geology and Paleontology 30(3): 171–180.
- 1998a. Ng, P. K. L., and R. B. Manning. A new deep-water crab from Belau, Micronesia, with a key to the Pacific species of *Chaceon* (Crustacea: Decapoda: Brachyura: Geryonidae).—Proceedings of the Biological Society of Washington 111(2): 389–397.
- 1998b. Felder, D. L., and R. B. Manning. A new ghost shrimp of the genus *Lepidophthalmus* from the Pacific coast of Colombia (Decapoda: Thalassinidea: Callinassidae).—Proceedings of the Biological Society of Washington 111(2): 398–408.
- 1998c. Blow, W. C., and R. B. Manning. *Eohalimede sandersi*, the correct name for the species described as *Eohalimede sandersi* Blow & Manning 1997.—Proceedings of the Biological Society of Washington, 111(2): 409.
- 1998d. A new genus and species of pinnotherid crab (Crustacea, Decapoda, Brachyura) from Indonesia.—Zoosystema 20(2): 357–362.
- 1998e. Reed, K., and R. B. Manning. H. H. Hobbs, Jr. (29 March 1914–22 March 1994). Biographical notes.—

- Proceedings of the Biological Society of Washington 111(3): 473–503.
- 1998f. Ah Yong, S. T., and R. B. Manning. Two new species of *Erugosquilla* from the Indo-West Pacific (Crustacea: Stomatopoda: Squillidae).—Proceedings of the Biological Society of Washington 111(3): 653–662.
- 1998g. Stomatopods. Pp. 827–849 in K. E. Carpenter and V. H. Niem, editors, FAO species identification guide for fishery purposes: the living marine resources of the western Central Pacific. FAO, Rome 2.
- 1998h. Heard, R. W., and R. B. Manning. A new genus and species of ghost shrimp (Crustacea: Decapoda: Callianassidae) from the Atlantic Ocean.—Proceedings of the Biological Society of Washington 111(4): 883–888.
- 1998i. Manning, R. B., and A. Tamaki. A new genus of ghost shrimp from Japan (Crustacea: Decapoda: Callianassidae).—Proceedings of the Biological Society of Washington 111(4): 889–892.
- 1998j. Campos, E., and R. B. Manning. *Pinnotheres malaguena* Garth, 1948, a new member of the genus *Fabia* Dana, 1851 (Crustacea: Brachyura: Pinnotheridae).—Proceedings of the Biological Society of Washington 111(4): 912–915.
- 1998k. Erdman, M., and R. B. Manning. Preliminary descriptions of nine new stomatopod crustaceans from coral reef habitats in Indonesia and Australia.—Raffles Bulletin of Zoology 46(2): 615–626.
- 1999a [1998]. Diaz, G. A., and R. B. Manning. The last pelagic stage and juvenile of *Lysiosquilla scabricauda* (Lamarck, 1818) (Crustacea, Stomatopoda).—Bulletin of Marine Science 63(2): 453–457.
- 1999b. Erdman, M., and R. B. Manning. A new species of *Siamosquilla* from Indonesia (Crustacea: Stomatopoda: Protosquillidae).—Proceedings of the Biological Society of Washington 112(1): 94–96.
- 1999c. Gibbons, M. J., *et al.* The taxonomic richness of South Africa's marine fauna: a crisis at hand.—South African Journal of Science 95: 8–12. [Manning one of 65 authors.]
- 1999d. Cappola, V., and R. B. Manning. Relationships within the stomatopod genus *Eurysquilla*. Pp. 383–393 in F. R. Schram and J. C. von Vaupel Klein, eds. Crustaceans and the biodiversity crisis, Proceedings of the Fourth International Crustacean Congress, Amsterdam, The Netherlands, July 20–24, 1998, Vol. 1: i–xii, 1–1021, Brill, Leiden.
- 2000a. Manning, R. B., and B. Galil. A new genus of pinnotherid crab from the Indian Ocean (Crustacea: Decapoda: Brachyura).—Proceedings of the Biological Society of Washington 113(1): 67–70.
- 2000b. Heard, R., and R. B. Manning. A new genus and species of ghost shrimp from Tobago, West Indies (Crustacea: Decapoda: Callianassidae).—Proceedings of the Biological Society of Washington 113(1): 71–77.
- 2000c. Caldwell, R. L., and R. B. Manning. *Raoulserenea pygmaea*, a new dwarf pseudosquillid from French Polynesia (Crustacea: Stomatopoda).—Zoosystema 22(1): 101–105.
- In Press.
- Reed, K. J., and R. B. Manning. Background data on the decapod fauna associated with *Cymodocea nodosa* meadows in Tunisia, with observations on *Clibanarius erythropus* (Latreille).—Crustaceana.
- Manning, R. B., and D. K. Camp. A new genus of stomatopod from the Caribbean Sea (Stomatopoda: Squillidae).—Journal of Crustacean Biology.

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