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REFERENCES

- ANONYMOUS, 1982. — A Hawaiian species of *Rhynchocinetes*. In : WALLS, J. G. (ed.), *Encyclopedia marine invertebrates*. T. F. H., Neptune. 403, unnumbered photo in color.
- ARMSTRONG, J. C., 1941. — The Caridea and Stomatopoda of the Second Templeton Crocker-American Museum Expedition to the Pacific Ocean. *Amer. Mus. Novit.*, (1137) : 1-14, 4 figs.
- BAENSCH, H. A. & DEBELIUS, H., 1992. — *Meerwasser Atlas*. Mergus, Melle. 1-1216 pp., many unnumbered photos in color.
- BOONE, L., 1935. — Crustacea and Echinodermata. Scientific results of the world cruise of the yacht Alva, 1931, William K. VANDERBILT, Commanding. *Bull. Vandervilt Mar. Mus.*, 6 : 1-263, pls. 1-96.
- BRUCE, A. J., 1976. — A report on a small collection of shrimps from the Kenya National Marine Parks at Malindi, with notes on selected species. *Zool. Verh.*, 145 : 1-72, 23 figs.
- BRUCE, A. J., 1984. — A notes on some specimens of *Rhynchocinetes* (Decapoda, Rhynchocinetidae) from Enewetak Atoll, Marshall Islands. *Crustaceana*, 46 (2) : 209-211, 1 fig.
- BURKENROAD, M. D., 1939. — Some remarks upon non-peneid Crustacea Decapoda. *Ann. Mag. nat. Hist.*, (11) 3 (15) : 310-318.
- CHACE, F. A. Jr., 1992. — On the classification of the Caridea (Decapoda). *Crustaceana*, 63 (1) : 70-80.
- CHRISTOFFERSEN, M. L., 1990. — A new superfamily classification of the Caridea (Crustacea : Pleocyemata) based on phylogenetic pattern. *Z. zool. syst. Evolut.-forsch.*, 28 : 94-106.
- COLEMAN, N., 1991. — *Encyclopedia of marine animals*. Blandford, London. 1-324 pp., many unnumbered photos in color.
- DEBELIUS, H., 1983. — *Gepanzerte Meeresritter*. Kernen Verlag, Essen. 1-120 pp., many unnumbered photos in color.
- DEBELIUS, H., 1984. — *Armoured Knight of the sea*. Kernen Verlag, Essen. 1- 120 pp., many unnumbered photos in color.

- EDMONDSON, C. H., 1952. — Additional central Pacific crustaceans. *Occ. Pap. B. P. Bishop Mus.*, **21** (6) : 67-86, 11 figs.
- FIGUEIRA, A. J. G., 1960. — On a small collection of decapod crustaceans from the Azores. *Bocagiana*, **6** : 1-13.
- FOREST, J., 1977. — Un groupement injustifié : la superfamille des Bresilioida. Remarques critiques sur le statut des familles réunies sous ce nom (Crustacea Decapoda Caridea). *Bull. Mus. Nat. Hist. Nat.*, (3), **475**, zoologie 332 : 869-888, 14 figs.
- FUJINO, T., 1975. — Occurrence of *Rhynchocinetes rigens* Gordon, 1936 (Crustacea, Decapoda, Rhynchocinetidae) in the Indo-Pacific region. *Publ. Seto Mar. Biol. Lab.*, **22** (5) : 297-302, 2 figs.
- GORDON, I., 1936. — On the macruran genus *Rhynchocinetes*, with the description of a new species. *Proc. zool. Soc. Lond.*, 1936 : 75-88, 7 figs.
- HALE, H. H., 1941. — Decapoda Crustacea. *B. A. N. Z. Antarc. Res. Exp. Rep.*, (B), **4** : 257-285, 16 figs, 1 pl.
- HENDERSON, J. R., 1893. — A contribution to Indian carcinology. *Trans. Linn. Soc. Lond., Zool.*, (2) **5** : 325-458, pls. 36-40.
- HAYASHI, K.-I., KOMAI, T. & ASAKURA, A., 1994. — Macrura (Crustacea : Decapoda : Stenopodidea, Caridea and Palinulidea) collected from the Northern Mariana Islands, Micronesia. In : ASAKURA, A. & FURUKI, T. (eds.), Biological Expedition to the Northern Mariana Islands, Micronesia. *Nat. Hist. Res., Special Issue*, **1** : 267-273.
- HIATT, R. W., 1948. — Records of rare Hawaiian decapod crustacea. *Pac. Sci.*, **2** (2) : 78-80.
- HIATT, R. W., 1954. — *Hawaiian marine invertebrates : A guide to their Identification*. University of Hawaii, Honolulu, i-viii + 1-140 pp.
- HIRATA, Y., NAKASONE, Y. & SHOKITA, S., 1988. — *Okinawan decapods and shells in color*. Revised ed. Fudokisha, Okinawa. 1-144 pp., many unnumbered photos (in Japanese).
- HOLTHUIS, L. B., 1947. — The Decapoda of the Siboga Expedition part IX. The Hippolytidae and Rhynchocinetidae collected by the Siboga and Snellius Expeditions with remarks on other species. *Siboga Exped. Monogr.*, **39a** : 1-100, 15 figs.
- HOLTHUIS, L. B., 1953. — Enumeration of the decapod and stomatopod Crustacea from Pacific coral islands. *Atoll Res. Bull.*, (24) : 1-66, 2 maps.
- HOLTHUIS, L. B., 1993. — *The recent genera of the caridean and stenopodidean shrimps (Crustacea, Decapoda) with an appendix on the order Amphionidacea*. Nationaal Natuurhistorisch Museum, Leiden. 1-328 pp., 312 figs.
- HOLTHUIS, L. B., 1995. — Notes on Indo-West Pacific Crustacea Decapoda III to IX. *Zool. Meded.*, **69** (13) : 139-151, 2 figs.
- HOLTHUIS, L. B. & HAYASHI, K.-I., 1967. — A new species of shrimp, *Rhynchocinetes hiatti* (Crustacea, Decapoda). *Annot. zool. Japon.*, **40** (3) : 161-170, 2 figs.
- KAMEZAKI, N., NOMURA, K., HAMANO, T. & MISAKI, H., 1988. Crustacea. In : Marine Park Center (ed.). *Illustrated marine organisms in Okinawa Islands*, **8**. Southern Press, Okinawa, 1-232 pp., many unnumbered photos in color (in Japanese).
- KEMP, S., 1925. — Notes on Crustacea Decapoda in the Indian Museum XVII. On various Caridea. *Rec. Ind. Mus.*, **27** (4) : 249-343, 24 figs.
- KUBO, I., 1942. — On two new species of Decapoda Macrura. *Annot. zool. Japon.*, **21** (1) : 30-38, 5 figs.
- MANNING, R. B., 1961. — Notes on the caridean shrimp, *Rhynchocinetes rigens* Gordon (Crustacea, Decapoda), in the western Atlantic. *Notulae Nat. Philad.*, (348) : 1-7, 2 figs.
- MANNING, R. B. & CHACE, F. A. Jr., 1990. — Decapod and stomatopod Crustacea from Ascension Island, South Atlantic Ocean. *Smithson. Contrib. Zool.*, **503** : 1-91, 47 figs.
- MILNE EDWARDS, H., 1837. — *Histoire naturelle des Crustacés, comprenant l'anatomie, la physiologie et la classification de ces animaux*, **2**. Paris. 1-532 pp.
- MIYAKE, S., 1975. — Macrura and Anomura. In : *The aquatic lower animals of Japan*. Gakushu-kenkyusha, Tokyo : 98-119, unnumbered photos in color (in Japanese).
- MONOD, T., 1972. — Sur quatre crevettes du Pacifique Sud. *Cah. Pac.*, **16** : 7-29, 87 figs.

- MORRISON, J. P. E., 1954. — Animal ecology of Raroia Atoll, Tuamotus. Part 1. Ecological notes on the mollusks and other animals of Raroia. *Atoll Res. Bull.*, **34** : 1-20.
- NOMURA, K. & HAYASHI, K.-I., 1992. — *Rhynchocinetes striatus*, a new species (Decapoda, Caridea, Rhynchocinetidae) from southern Japan. *Zool. Sci.*, **9** (1) : 199-206, 4 figs.
- NOMURA, K. & MATSUKUBO, K., 1992. — *Rhynchocinetes rigens* Gordon from Susami, Wakayama Prefecture, central Japan. *Nanki Seibutsu*, **34** (1) : 22-24, 3 figs. (in Japanese with English summary).
- OKUNO, J., 1993. — New record of a hinge-beak shrimp, *Rhynchocinetes hendersoni* from eastern coast of Izu Peninsula, Japan. *I. O. P. Div. News*, **4** (3) : 4-5, 5 figs. (in Japanese with English abstract).
- OKUNO, J., 1994a. — A new species of hinge-beak shrimp from the western Pacific (Crustacea, Decapoda, Rhynchocinetidae). *Beagle, Rec. Mus. Arts Gall. North. Territ.*, **11** : 29-37, 4 figs.
- OKUNO, J., 1994b. — *Rhynchocinetes concolor*, a new shrimp (Caridea : Rhynchocinetidae) from the Indo-west Pacific. *Proc. Japan. Soc. Syst. Zool.*, **52** : 65-74, 4 figs.
- OKUNO, J., 1995. — Notes on three rhynchocinetid shrimps, *Rhynchocinetes concolor* Okuno, 1994, *R. hiatti* Holthuis et Hayashi, 1967 and *R. striatus* Nomura et Hayashi, 1992. *I. O. P. Div. News*, **6** (8) : 2-3, 4 figs. (in Japanese).
- OKUNO, J. & TAKEDA, M., 1992. — Description of a new hinge-beak shrimp, *Rhynchocinetes conspiciocellus*, from southern Japan, with designation of the lectotype of *R. uritai* Kubo, 1942. *Bull. Nat. Sci. Mus.*, (A), **18** (2) : 63-72, 5 figs., 1 pl. in color.
- ORTMANN, A., 1890. — Die Decapoden-Krebse des Strassburger Museums, mit besonderer Berücksichtigung der von Herrn Dr Döderlein bei Japan und bei Liu-kiu-Inslen gesammelten und z. Z. im strassburger Museum auf bewahrten Formen. *Zool. Jahrb. Syst.*, **5** : 437-542, pls. 36-37.
- RICHARDSON, L. R. & YALDWYN, J. C., 1958. — A guide to the natant decapod crustacea (shrimps and prawns) of New Zealand. *Tuatara*, **7** (1) : 17-41, 50 figs.
- STEENE, R., 1990. — *Coral reefs : Nature's richest realm*. Crawford House Press, NSW. 1-336 pp., many unnumbered photos in color.
- STIMPSON, W., 1860. — Prodrômus descriptionis animalium evertibratorum, quae in Expeditione ad Oceanum Pacificum Septentrionalem, a Republica Federata missa, Cadwaladaro Ringgold et Johanne Rodgers Ducibus, observavit et descripsit. *Proc. Acad. Nat. Sci. Philad.*, **1860** : 22-47.
- TAKEDA, M., 1982. — *Key to the Japanese and foreign crustaceans fully illustrated in colors*. Hokuryukan, Tokyo. i-vi+1-284 pp., many unnumbered figs. (in Japanese).
- THOMPSON, J. R., 1966. — The caridean superfamily Bresilioidea (Decapoda Natantia). A revision and a discussion of its validity and affinities. *Crustaceana*, **11** (2) : 129-140, 5 figs.
- THURSTON, E., 1895. — Ramesvaram Island and fauna of the Gulf of Manaar. *Madras Govt. Mus. Bull.*, **3** : 79-138, pls. 4-7.
- TIEFENBACHER, L., 1976. — Einige Bemerkungen zu *Rhynchocinetes rigens* Gordon, 1936, und Seiner Verbreitung (Decapoda). *Crustaceana*, **31** (3) : 317-320.
- TIEFENBACHER, L., 1983. — A new species of *Rhynchocinetes* from South-Australia (Crustacea, Decapoda, Rhynchocinetidae). *Rev. fr. Aquariol.*, **9** (4) : 121-124, 3 figs.
- WIRTZ, P., MULLER, B. & NAHKE, P., 1988. — The caribbean shrimp, *Tureariocaris neglecta* Chace, 1969 found in association with *Diadema antillarum* at Madeira, and two new records of decapod crustaceans from the Cape Verde Islands. *Cour. Forsh.-Inst. Senckenb.*, **105** : 169-171, 3 figs.
- YALDWYN, J. C., 1960. — Crustacea Decapoda Natantia from the Chatham Rise : A deep water bottom fauna from New Zealand. *New Zealand Dept. Sci. Indust. Bull.*, **139** : 13-53, 10 figs.
- YALDWYN, J. C., 1971. — Preliminary descriptions of a new genus and twelve new species of natant decapod crustacea from New Zealand. *Rec. Dominion Mus.*, **7** (10) : 85-94.