

A NOTE ON THE PONTONIINE SHRIMP FAUNA
OF LA RÉUNION

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Few pontoniine shrimps have been reported from the western Indian Ocean Island of La Réunion. *Palaemonella spinulata* Yokoya was reported by Bruce (1978) and more recently *Onycocaris furculata* Bruce and *Paratypton siebenrocki* Balss have also been recorded (Bruce, 1979; 1980). The latter species were part of a collection of decapod crustacea made by Madame Sonia Ribes in 1976 which also contained representatives of many species that are all new records for the island, which has some of the most southerly coral reefs of the Indian Ocean. Two species, *Periclimenes madreporae* and *Onycocaridella monodoa*, are recorded from the Indian Ocean for the first time. For 25 species the present records indicate the most southerly Indian Ocean occurrence of the species yet reported.

The specimens were collected from La Saline, on the west side of La Réunion (21°20'S, 55°00'E). The specimens were obtained primarily from branching corals of the genera *Acropora*, *Stylophora*, *Pocillopora* and *Seriatopora* as well as some non-branching species. A number were also associated with encrusting organisms attached to the coral specimens. Specimens were obtained by scuba diving to depths of 40 m.

I am most grateful to Madame Ribes for permission to examine some of these specimens, on which this present short note is based.

In the following list the localities in parentheses are the nearest recorded localities and those with asterisks represent the most southerly occurrences recorded with the Indian Ocean.

The sample species are deposited in the collections of the Museum National d'Histoire Naturelle, Paris. Full details are to be obtained from Mme. Ribes' thesis (1978).

Pontoniine Shrimps from La Réunion

Palaemonella lata Kemp, 1922—(Zanzibar).* *Palaemonella tenuipes* Dana, 1852—(Farquhar Is., Seychelle Islands).* *Periclimenes consobrinus* (De Man, 1902)—(Comoro Islands).* *Periclimenes diversipes* Kemp, 1922—(Nosy Bé, Madagascar).* *Periclimenes madreporae* Bruce, 1969—(Great Barrier Reef, Australia).* This is the first occurrence of this species in the Indian Ocean. *Periclimenes goniopora* Bruce, in press—(Kenya).* *Periclimenes spiniferus* De Man, 1902—(Tamatave, Madagascar).* *Philarius gertachei* (Nobili, 1905)—(Geysers Reef, Mozambique Channel).* *Philarius imperialis* (Kubo, 1940)—(Zanzibar).* *Periclimenaeus hecate* (Nobili, 1904)—(Comoro Islands).* *Periclimenaeus nobilii* Bruce, 1975—(Jibuti, Gulf of Aden).* *Periclimenaeus quadridentatus* (Rathbun, 1906)—(Mombasa, Kenya).* *Onycocaridella monodoa* (Fujino & Miyake, 1969)—(Japan and Great Barrier Reef).* This is the first record of this genus in the Indian Ocean. *Onycocaris aualitica* (Nobili, 1904)—(Jibuti, Gulf of Aden).* *Typton wasini* Bruce, 1977—(Wasin Is., Kenya).* *Metapontonia fungiacola* Bruce, 1967—(Comoro Islands).* *Platycaris latirostris* Holthuis, 1952—(Delagoa Bay, Mozambique). *Ischnopontonia lophos* (Barnard, 1962)—(Nosy Bé, Madagascar). *Fennera chacei* Holthuis, 1951—(Farquhar Is., Seychelle Islands).* *Jocaste japonica* (Ortmann, 1890)—(Nosy Bé, Madagascar).* *Jocaste lucina* (Nobili, 1901)—(Tuléar, Madagascar). *Coralliocaris nudirostris* (Heller, 1861)—(Mauritius).* *Coralliocaris superba* (Dana, 1852)—(Zelée Bank, Mozambique Channel).* *Coralliocaris venusta* Kemp, 1922—(Isle Europa, Mozambique Channel). *Coralliocaris viridis* Bruce, 1974—(Isle Europa, Mozambique

Channel). *Harpiliopsis beaupresii* (Audouin, 1852)—(Mauritius). *Harpiliopsis depressa* (Stimpson, 1866)—(Zanzibar). *Harpiliopsis spinigera* (Ortmann, 1870)—(Farquhar Is., Seychelle Islands).* *Hamodactyloides incompletus* (Holthuis, 1958)—(Zanzibar).*

LITERATURE CITED

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