NEW OR RARE CRUSTACEANS FROM FRENCH POLYNESIA (CRUSTACEA: DECAPODA)

Since 1974, the F.R.V. 'Marara' has been used by the French Service Mixte de Contrôle Biologique (SMCB) to carry out a biological survey, throughout the Fishery Conservation Zone of French Polynesia. Among the fishing activities, traps are set on the outer slopes of the islands in depths ranging from 100 to 1000m. This has led to the discovery and description of several new species of decapod crustaceans. Some rare or recently described species have also been caught. This paper gives a list of the species concerned and the depth distributions of some of them. A list of genera of new species, now under study, is also given to emphasize the richness and high degree of endemism of this poorly known area. The details of the gear operations and the yields of Pandalidae shrimps are given in Poupin et al. (1990).

Results
Species Described from the Catches of the 'Marara'
...Enoplometopidae: Hoplometopus gracilipes De St. Laurent, 1988.
...Xanthidae: Progeryon mararae Guinot et Richer de Forges, 1981.

Rare or Recently Described Species
...Leucosiidae: Randallia sereno Richer de Forges, 1983.
The depth distributions of the three recently named Heterocarpus, formerly regarded as H. ensifer and H. ensifer parvispina (Crosnier 1988), are clearly defined and are presented together in Fig. 1.

Genera of the New Species, now under Study
Pandalidae: Plesionika sp. (three species, Crosnier).
...Palaemonidae: Periclimenes sp. (Bruce, in press).
...Enoplometopidae: Enoplometopus sp. (De St Laurent).
...Parapaguridae: Trizopagurus sp. (two species, Forest).
...Paguridae: Solitiopagurus sp. (Forest).
...Galatheidae: Eumunida sp. (De St Laurent); Munida sp. (two species, De St Laurent).
...Majidae: Cyrtomaia sp. (two species, Guinot et Richer de Forges).

FIG. 1. Depth distributions of three close Heterocarpus spp. belonging to the group 'ensifer' (H. parvispina: abundance x 5; H. amacula: abundance x 13).

Parthenopidae: Parthenope/Platylambris sp. (Garth).
Grapsid: Euchirograpsus sp. (Türkay); Intesius sp. (Guinot and Richer de Forges).
...Cancriidae: Cancer spp. (four species, Davey).

Acknowledgements
We thank Alain Crosnier of the Muséum National D'Histoire Naturelle, Paris, for his enthusiastic help in sorting and distributing our catches to taxonomists.

Literature Cited

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