TWO NEW SPECIES OF *ASYMMETRIONE* (ISOPODA, BOPYRIDAE) FROM THE WESTERN ATLANTIC 1)

BY

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INTRODUCTION

Studies of hermit crabs collected along the southern Atlantic coast of the United States and in the Caribbean have turned up several species of bopyrid isopods, most of them undescribed. Two of these species are members of the genus *Asymmetrione* Codreanu, Codreanu & Pike, species of which are known from Japan, northwestern Africa, Madagascar and the Red Sea, but had not been previously described from the western Atlantic. Description of these new species fills an important gap in the distribution of this genus, making it pantropical in shallow water except for the eastern Pacific.

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*Asymmetrione desultor* n. sp. (figs. 1-4)


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1) Scientific Contribution of the Rosenstiel School of Marine and Atmospheric Science, University of Miami, Florida, U.S.A.
Infesting *Pagurus bonarensis* Schmitt. In *Thalassia* bed, Bear Cut, Key Biscayne, Florida, 22 October 1972, push-net, L. G. Abele coll., P. A. McLaughlin det. of host; 1 ♀, holotype, USNM 149267, 1 ♂, allotype, USNM 149268.

Infesting *Pagurus provenzanoi* Forest & St. Laurent. “Pillsbury” Sta. P-975, off Antigua, 17°29.4'N 61°55.3'W, 29 m, 21 July 1969, 10-foot otter trawl; P. A. McLaughlin det. of hosts; 2 ♀, 2 ♂, USNM 149270.

Infesting *Pylopagurus* sp. (probably n. sp.). “Gerda” Sta. G-1102, Cay Sal Bank, 23°10’N

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**Fig. 1. Asymmetrione desultor** n. sp., holotype female. A, dorsal view; B, ventral view; C, left antennae; D, posterior ventral border of head; E, right oostegite 1, external; F, same, internal; G, right pereopod 2; H, left pereopod 6. Scale indicates 1.0 mm for A, B, 0.2 mm for C, 0.6 mm for D, 0.4 mm for E-H.