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POIRIERIA (PAZINOTUS) PHILCLOVERI, A NEW

SPECIES FROM THE PHILIPPINE ISLANDS

(GASTROPODA : MURICIDAE : MURICINAE)

by

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INTRODUCTION

Four recent species of this subgenus are known. The Type-species : *Pazinotus stimpsonii* (Dall, 1889) occurs in the Western Atlantic; the type locality of *Pazinotus advenus* Poorman, 1980, a recently described species, is from Sonora, Mexico; *Pazinotus smithi* (Schepman, 1911) was found at Siboga station 105 in the Eastern Sulu Archipelago; *Pazinotus falcatifformis* (Thiele, 1925) is an Indian Ocean species.

The fifth species here described : *Pazinotus philcloveri*, is a remarkable small shell which was brought recently to my attention and which differs considerably from the two "Indo-Pacific" species.

ABSTRACT

Poirieria (Pazinotus) philcloveri is described and compared with two more or less related species : *P. (P.) smithi* (Schepman, 1911) and *P. (P.) falcatifformis* (Thiele, 1925), the types of which are here illustrated to show the three Recent

Indo-Pacific species of this subgenus.

RESUME

Une nouvelle espèce de Muricidae : *Poirieria (Pazinotus) philcloveri* est décrite et illustrée. Deux espèces apparentées : *P. (P.) smithi* (Schepman, 1911) et *P. (P.) falcatifornis* (Thiele, 1925) sont comparées et les types illustrés.

FAMILY : MURICIDAE

SUBFAMILY : MURICINAE

GENUS : *POIRIERIA* Jousseaume, 1880

SUBGENUS : *PAZINOTUS* Vokes, 1970

Type species by O.D. : *Eupleura stimpsonii* Dall, 1889

POIRIERIA (PAZINOTUS) PHILCLOVERI sp.n.

DESCRIPTION

Shell medium-sized for the subgenus, of a light brown color with darker brown blotches on the shoulder and a darker brown band covering the lower part of the body whorl and the siphonal canal.

Aperture small and ovate, white. Columellar lip adherent, showing 3 to 4 small denticles on its anterior part and a shallow one posteriorly. Inner side of outer lip bearing 6 sharp teeth, the second tooth larger.

Anal notch well delimitate and fairly large.

Spire high and acute consisting of a conical protoconch with two glossy nuclear whorls. Five angulate postnuclear whorls. Suture impressed.

Body whorl with five to six sharp, fimbriate varices with a slightly longer shoulder spine. Varical interspace with axial sculpture consisting of numerous growth lamellae which cross the spiral striae, giving an imbricate appearance to the shell sculpture. A very weak axial rib present between penultimate and apertural varix.

Spiral sculpture consisting of 4 threads on the upper part of the body whorl and 6 to 7 cords on the darker coloured part. Small spiral striae covering the entire shell surface.

Siphonal canal moderately long, open, backward recurved. Preceding canals very apparent.

TYPE MATERIAL

Holotype : length : 13,6 mm
width : 7,5 mm

Muséum National d'Histoire Naturelle, Paris, type collection.

Paratype : length : 13,1 mm
width : 7 mm

R. Houart collection.

TYPE LOCALITY

Philippine Islands, off Samal Is., Davao, Mindanao, 60 m; in tangle nets.

ETYMOLOGY

Named for the well-known Conchologist, Phillip W. Clover (California, USA) who let me examine these specimens originally.

DISCUSSION

This species may be compared with *P. (P.) falcatifomis* (Thiele, 1925) and *P. (P.) smithi* (Schepman, 1911).

The differences are seen in the ornamentation of the varices and the body sculpture. *P. falcatifomis* has a smooth surface and 5 varices ornamentated with a very long open shoulder spine. The shell is larger; the aperture has a different shape with a smooth columellar lip; the inner side of the outer lip bears 4 equal shallow nodes; while that of *P. philcloveri* shows 6 small and sharp denticles with a larger second one. Columellar lip of *P. philcloveri* bears 3 to 4 small denticles on its anterior side.

P. smithi has almost the same aperture as *P. falcatifomis* with a smooth columellar lip and 4 obsolete nodes at the outer lip. Moreover, *P. smithi* has a shell with no scabrous surface and it shows different varices, with short upward recurved open spines. It has a different protoconch than the new species (this will be illustrated in a future article).

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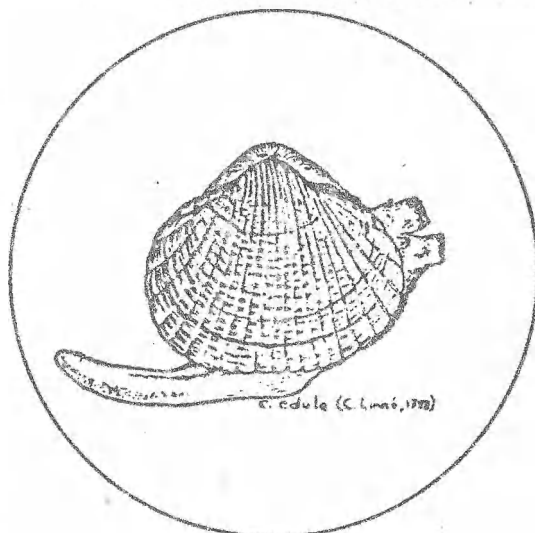
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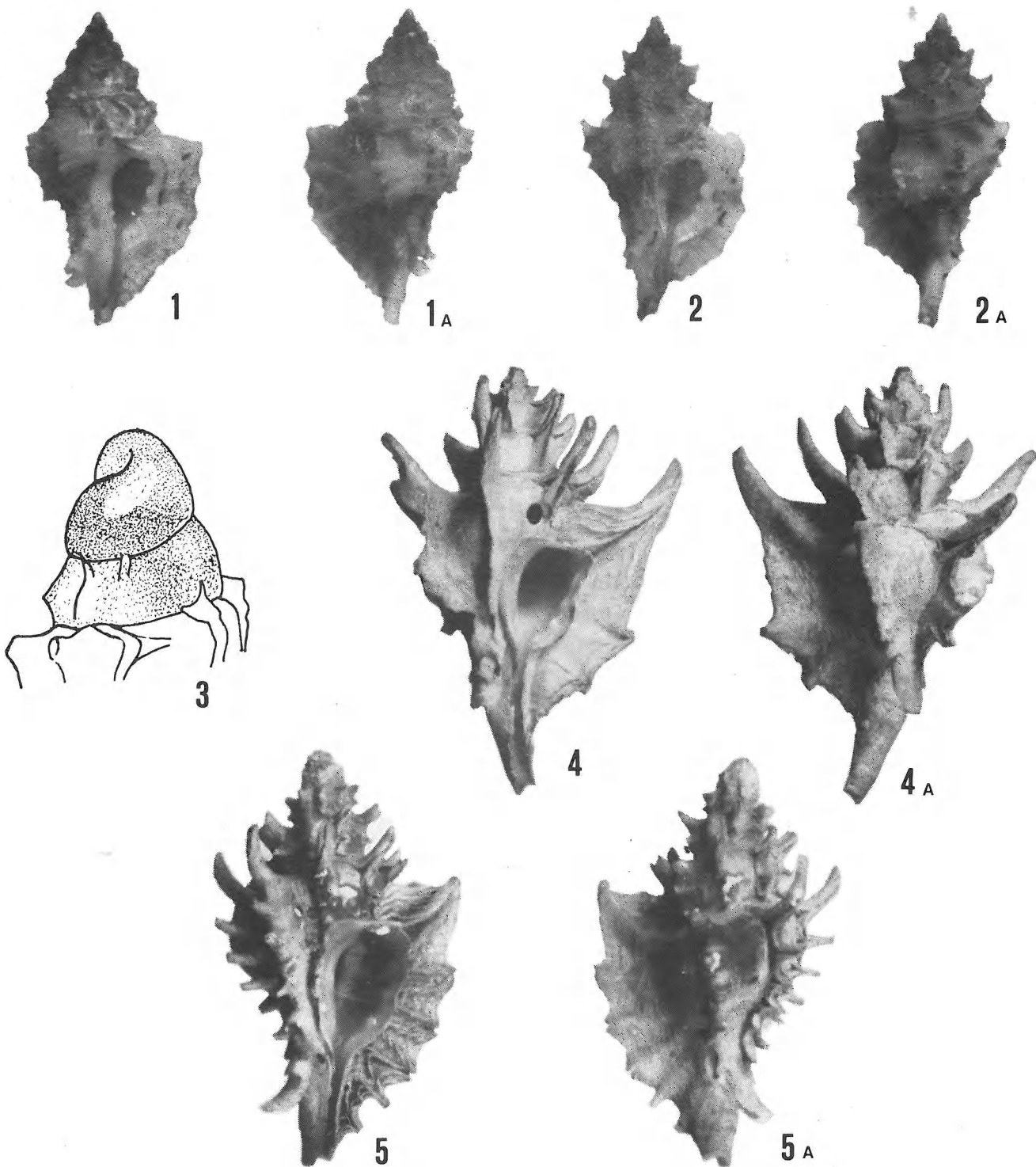
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1-1A. *Poirieria (Pazinotus) philcloveri* R. Houart, sp. nov. holotype. 13,6 x 7,5 mm.

2-2A. *Poirieria (Pazinotus) philcloveri* R. Houart, sp. nov. paratype. 13,1 x 7 mm.

3. Protoconch of *Poirieria (Pazinotus) philcloveri* (holotype : X40).

4-4A. *Poirieria (Pazinotus) falcatiformis* (Thiele, 1925) holotype Berlin Mus. 18 mm.

5-5A. *Poirieria (Pazinotus) smithi* (Schepman, 1911) holotype n° 3.11.087, Zool. Mus. Amsterdam. 15 x 9 mm.