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#### ADDITIONAL RECORDS FROM COCOS ISLAND

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During March and April, 1963, Dr. Paul Slud, Research Associate of the American Museum of Natural History, collected, incidental to his ornithological investigations, shells at Wafer Bay, Cocos Island. This oceanic island is situated approximately 325 miles southwest of Costa Rica at 5° 32' 57" north latitude and 86° 59' 17" west longitude.

Collections of mollusks from this isolated and uninhabited island are not common. Hertlein (1963), in a biogeographic study of the island, recorded 88 species of marine and brackish water species of mollusks, including 12 pelecypods, 61 gastropods, 4 chitons, and 11 cephalopods. The specific identity of 3 species was not determined and one record was thought to have been based on mislocalized locality data. According to Hertlein's tabulation, 88% of the species occur in the Panamic Province and 6% of the species apparently are endemic. Only 6% of the species are represented in the Indo-Pacific Province, in sharp contrast to Clipperton Island, where nearly 50% of the species have affinities with the Indo-Pacific fauna (Hertlein and Emerson, 1953).

The present collection is composed largely of badly worn, beach specimens. None of the gastropods or pelecypods was collected alive, and many of the gastropods show evidence of having been occupied by hermit crabs. This collection, however, is significant in that 12 of the 40 species collected were not known previously from Cocos Island. All the new records are species common to the Panamic Province with the exception of *Terebra maculata* (Linnaeus), which is an Indo-Pacific species, and *Cymatium pileare* (Linnaeus), which is tropicopolitan in distribution.

The species comprising Dr. Slud's collection are listed below, using the nomenclature of Hertlein (1963) for the previously reported taxons. New records for the island are prefaced by an asterisk (\*). The collection is deposited in the American Museum of Natural History.

#### PELECYPODA

- \**Arca (Anadara) grandis* Broderip and Sowerby, 1 large valve.
- Arca (Anadara) reinharti* Lowe, 1 valve.
- Isognomon quadrangularis* (Reeve), 1 paired specimen.
- \**Ostrea iridescens* Hanley, 1 valve.
- Ostrea palmula* Carpenter, 1 valve.

#### GASTROPODA

- Acanthina brevidentata* (Wood), 2 specimens.
- Aemaea (Nomaeopelta) mesoleuca* Menke, 3 specimens.
- \**Bulla punctulata* A. Adams, 2 specimens.
- Bursa caelata* (Broderip), 1 specimen.
- Cerithium adustum* Kiener, 2 specimens.
- Conus dalli* Stearns, 2 specimens.
- \**Conus diadema* Sowerby, 3 specimens; previous records of *Conus brunneus* may be referable to this species.
- \**Conus purpurascens* Sowerby, 2 specimens.
- Conus tiaratus* Broderip, 1 specimen.
- \**Cymatium pileare* (Linnaeus), 1 specimen.
- Cymatium vestitum* (Hinds), 1 specimen.
- \**Cypraea albuginosa* Gray, 1 specimen.
- Cypraea isabellamexicana* Stearns, 1 specimen.
- Cypraea moneta* Linnaeus, 6 specimens.
- Ellobium stagnalis* (Orbigny), 4 specimens.
- Hipponix grayanus* Menke, 1 specimen.
- Hipponix pilosus* (Deshayes), 3 specimens.
- Littorina aspera* Philippi, 2 specimens.
- Nerita funiculata* Menke, 1 specimen.
- Nerita ornata* Sowerby, 2 specimens.
- Neritina latissima* Broderip and form *pilsbryi* Tryon, 5 specimens.
- \**Oliva* cf. *O. spicata* (Röding), 1 specimen.
- Planaxis planicostatum* Sowerby, 6 specimens.
- Purpura patula pansa* Gould, 1 specimen.
- \**Semicassis centiquadrata* (Valenciennes), 1 specimen.
- Siphonaria gigas* Sowerby and form *characteristica* Reeve, 3 specimens.
- \**Terebra* cf. *T. maculata* (Linnaeus), 3 juvenile specimens, *vide* G. D. Hanna and L. G. Hertlein.
- \**Turritella* sp. indet., 1 badly worn specimen.
- Thais columellaris* (Lamarck), 3 specimens.