

Metadata Details

Title

Primnoisis Spicata (Hickson) (Order Gorgonacea LmxFamily Isididae Lmx) From the Antarctic Sea

Science Keywords

Category	Cryosphere
Topic	Sea Ice
Expedition Year	1983-1984
ISO Topic	Oceanography

Summary

Abstract

Primnoisis spicata (Hickson) collected from the Antarctic sea (69°54 S and 12°49 E) during the Third Indian Antarctic Research Expedition is described and illustrated. This species was first recorded from Mc Murdo Bay and is here reported from another locality which considerably widens its distribution in the Antarctic Ocean.

Purpose

Many bits of gorgonids were present in the sample but on examination all the bits were found to belong to the same species - Primnoisis spicata (Hickson). The cortical zone of the specimens was not preserved in any of the bits examined but a careful study revealed the presence of a small bit with a few polyps preserved intact. This bit was used in the extraction of spicules. Microscopic examination revealed that the spicules were eroded to the maximum, obviously due to the effect of strong formalin used in the preservation.

Data Center