

Asia Pacific Coral Reef Symposium

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ABSTRACTS SUBMISSION FORM

Abstract

ABUNDANCE OF A GIANT CLAM, *TRIDACNA MAXIMA* ON CORAL REEFS IN THE ANDAMAN SEA

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Abundance of a giant clam, *Tridacna maxima* on coral reefs at Koh Ma, Koh Ngai, Koh Kradan, Koh Chuak, Koh Rok Nai and Koh Rok Nok of Trang Province, and Koh Adang, Koh Rawi, Koh Bulon, Koh Yang, Koh Dong, Jabang, and Hin Khao of Satun Province, the Andaman Sea was examined in belt transects. The result clearly showed much variation of abundance of the giant clam among the study sites. The highest population density of the clam was 5.39 individuals/m² at Koh Adang. Population densities at Jabang, Koh Rawi and Koh Chuak were in a range of 1.13 – 2.53 individuals/m². At the other study sites, population densities were less than 1 individual/m². It is essential to monitor population density of the giant clam and other macrobenthic organisms on coral reefs in long term to predict change of abundance and to provide a guideline for conservation and management of coral reef ecosystem.

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