

Asia Pacific Coral Reef Symposium

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ABSTRACTS SUBMISSION FORM

Abstract

CORAL FRAGMENTATION IN TRANG AND SATUN PROVINCES, THAILAND

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Abundance of coral fragment was examined at Koh Chuak, Koh Ma, Koh Ngai, Koh Kradan, Koh Rok Nai and Koh Rok Nok of Trang Province, and Koh Dong, Koh Rawi, Koh Yang, Koh Adang, Hin Hualarn, Jabang, and Hin Khao of Satun Province, the Andaman Sea by using belt transect method. The results showed that there was much difference between coral reefs in Trang and Satun Provinces both in terms of diversity and density of coral fragment. Densities of coral fragment at the study sites in Trang Province were in a range of 0.76-1.97 fragments/m² while those in Satun Province ranged 0.05-0.54 fragment/m². The dominant coral fragments in Trang Province were *Acropora* spp., *Pocillopora* spp., *Psammocora* sp., *Pavona decussata* and *Porites rus*. The abundant coral fragments in Satun Province were *Acropora* spp. and *Heliopora coerulea*. The other coral fragments found at the study sites were *Hydnophora* sp., *Montipora aequituberculata*, *Porites cylindrica*, *Porites nigrescens* and *Dendrophyllia* sp. The present study provides important basic data for coral reef rehabilitation, conservation and management.

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