

A PRELIMINARY STUDY OF LARGER SURFACE ZOOPLANKTON
OFF THE COAST OF TERENGGANU

DAVID TAN KIM SENG

FAKULTI PERIKANAN DAN SAINS SAMUDRA
UNIVERSITI PERTANIAN MALAYSIA
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KOLEJ UNIVERSITI SAINS & TEKNOLOGI MALAYSIA
21030 KUALA TERENGGANU

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A PRELIMINARY STUDY OF LARGER SURFACE ZOOPLANKTON OFF THE
COAST OF TERENGGANU

BY

DAVID TAN KIM SENG

This Project Report is submitted in partial fulfilment of the
requirement for the degree of Bachelor of Science in Fisheries
and Marine Science.

FAKULTI PERIKANAN DAN SAINS SAMUDRA
UNIVERSITI PERTANIAN MALAYSIA

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To my mother

UNIVERSITI PERTANIAN MALAYSIA
FAKULTI PERIKANAN DAN SAINS SAMUDRA

Borang Pengesahan

Dengan ini disahkan bahawa kami yang bertandatangan di bawah ini telah membaca dan berpuas hati menerima laporan projek penyelidikan yang bertajuk:

A preliminary study of larger surface zooplankton off the coast of Terengganu.

yang di sediakan oleh:

David Tan Kim Seng

sebagai sebahagian daripada keperluan untuk mendapat Ijazah Bacelor Sains (Perikanan).

Penyelia

Pengerusi,
Ahli Jawatankuasa Penyelidikan.

Tarikh: _____

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Abstract

A study was carried out in the month of August 1984 to determine the distribution of larger zooplankton at three different stations situated off the coast of Terengganu. The stations chosen represented the estuary of Kuala Terengganu, the open coastal waters and the waters off Pulau Redang respectively.

From the study carried out there was no significant differences in biomass (wet weight) and the density (animals/ m³) among the three stations. There was also no significant differences in the abundance of crustaceans, copepods, chordates , polychaetes and mollusca among the three stations

However, there were significant differences among the three stations for the abundance of Chaetognatha, echinoderms and urochordates. Their abundance were significantly higher at the estuary of Kuala Terengganu. The abundance of coelenterates were significantly higher in the waters off Pulau Redang. There also appears to be some correlation between the abundance of coelenterates and copepods. The correlation may be due to the copepod being a food source for the coelenterates.