

OCCURRENCE AND DISTRIBUTION OF MARINE
ENDANGERED SPECIES IN KUALA TERENGGANU WATERS

NUR IZZATI BINTI ZAHARI

FACULTY OF MARITIME STUDIES AND MARINE SCIENCE
UNIVERSITI MALAYSIA TERENGGANU

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OCCURRENCE AND DISTRIBUTION OF MARINE ENDANGERED SPECIES
IN KUALA TERENGGANU WATERS

By

Nur Izzati Binti Zahari

Research Report submitted in partial fulfilment of
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DEPARTMENT OF MARINE SCIENCE
FACULTY OF MARITIME STUDIES AND MARINE SCIENCE

DECLARATION AND VERIFICATION REPORT
FINAL YEAR RESEARCH PROJECT

It is hereby declared and verified that this research report entitled:

OCCURRENCE AND DISTRIBUTION OF MARINE ENDANGERED SPECIES IN KUALA TERENGGANU WATERS

By **NUR IZZATI BINTI ZAHARI**, Matric No. **UK22093** have been examined and all errors identified have been corrected. This report is submitted to the Department of Marine Science as partial fulfillment towards obtaining the Degree **BACHELOR OF SCIENCE (MARINE BIOLOGY)**, Faculty of Maritime Studies and Marine Science, Universiti Malaysia Terengganu.

Verified by:

Principal Supervisor

Name: Prof Madya Dr Saifullah A. Jaaman

Official stamp:

DR. SAIFULLAHA JAAMAN
ASSOCIATE PROFESSOR
DEPARTMENT OF MARINE SCIENCE
FACULTY OF MARITIME STUDIES AND MARINE SCIENCE
UNIVERSITY MALAYSIA TERENGGANU (UMT)
21030 KUALA TERENGGANU

Date: 12/6/13

Second Supervisor

Name: Prof Madya Dr Siti Aishah Bt Abdullah

Official stamp:

DR. SITI AISHAH ABDULLAH
CHRISTINE A. OROSCO
PUSAT PROGRAM BIOLOGI MARIN
LABORATORIAN SAINS MARIN
FACULTY OF MARITIME STUDIES AND MARINE SCIENCE
UNIVERSITY MALAYSIA TERENGGANU (UMT)
21030 KUALA TERENGGANU

Date:

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ABBREVIATIONS

df	Degree of freedom
n	Total number of respondent
p	Significant-p
sp.	species

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ABSTRACT

This study was conducted at Kuala Terengganu, Terengganu. The questionnaire survey was used in this study. The focussing group in this study is mainly fishermen of Kuala Terengganu waters. After interview survey was done, the data will be managed in Microsoft Spread sheet Excel. The data then will be analysed by using Chi-square test. The occurrence and distribution of marine mammals, turtles and whale sharks in Kuala Terengganu waters were recorded. There are four species of turtles, six species of dolphins, three species of whales, one and only species of whale shark and one stranding dugong has been observed by the respondents. Meanwhile, the level of awareness on conservation of marine mammals, turtles and whale shark in Kuala Terengganu was considered as high. However, the education level in Kuala Terengganu did not differentiate the level of public awareness of the respondents regarding the conservation of marine mammals, turtles and whale shark. Nevertheless, the suggestion, opinion and improvement of conservation strategies are eventually going to play a significant role in monitoring and maintaining the marine mammals, turtles and whale sharks population in Kuala Terengganu. Therefore, the information gathered will serve as a basic plan for conservation efforts and to continue in-depth long-term studies of marine mammals, turtles and whale sharks in Malaysia.

ABSTRAK

Kajian ini telah dijalankan di Kuala Terengganu, Terengganu. Cara yang digunakan dalam kajian ini adalah melalui soal selidik. Kumpulan yang difokuskan dalam kajian ini adalah nelayan di perairan Kuala Terengganu. Selepas kajian temu bual telah dilakukan, data akan dimasukkan ke dalam Microsoft Excel. Data akan dianalisis dengan menggunakan ujian Chi-square. Kehadiran dan taburan mamalia marin, penyu dan jerung paus di perairan Kuala Terengganu telah direkodkan. Terdapat empat spesies penyu, enam spesies lumba-lumba, tiga spesies paus, satu spesies sahaja dari jerung paus dan satu dugong yang terdampar telah diperhatikan oleh responden. Sementara itu, tahap kesedaran mengenai pemuliharaan mamalia marin, penyu dan jerung paus di Kuala Terengganu dianggap sebagai tinggi. Walau bagaimanapun, tahap pendidikan di Kuala Terengganu tidak membezakan tahap kesedaran mereka mengenai pemuliharaan mamalia marin, penyu dan jerung paus. Walau bagaimanapun, cadangan, pendapat dan peningkatan strategi pemuliharaan yang diberi akhirnya akan memainkan peranan penting dalam memantau dan mengekalkan populasi mamalia marin, penyu dan jerung paus di Kuala Terengganu. Oleh itu, maklumat yang direkodkan akan bertindak sebagai pelan asas untuk usaha-usaha pemuliharaan dan terus mendalam kajian jangka panjang mamalia marin, penyu dan jerung paus di Malaysia.