

STUDY OF ENDOPARASITES ON *Nibea soldado* (GELAMA BONGKOK)

**By
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**Research Report submitted in partial fulfillment of
the requirements for the degree of
Bachelor of Agrotechnology Science (Aquaculture)**

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**FAKULTI AGROTEKNOLOGI DAN SAINS MAKANAN
UNIVERSITI MALAYSIA TERENGGANU**

**PENGAKUAN DAN PENGESAHAN LAPORAN
PROJEK ILMIAH I DAN II**

Adalah ini diakui dan disahkan bahawa laporan ilmiah bertajuk:

..Study of Endoparasites on *Nibeia soldado* (Gelama Bongkok).....

oleh..... Micheal Koh Lang Mia....., No.Matrik ...UK 14453... telah
diperiksa dan semua pembetulan yang disarankan telah dilakukan. Laporan ini dikemukakan
kepada Jabatan Sains Perikanan dan Akuakultur..... sebagai memenuhi
sebahagian daripada keperluan memperoleh Ijazah Sarjana Muda
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ABSTRACT

A total of forty fish samples (*Nibea soldado*) were obtained from the market at the Kuala Terengganu Coast during pre-monsoon season (August –October, 2008) and monsoon season (November – January, 2009) with twenty fish sample per season. The fish samples were examined with the reference to the prevalence and mean intensity of the parasites found. A total of 4 species of parasites were discovered throughout the study: One species from class cestoda; two species from nematode (*Spirocamallanus spp.* and *Contracaecum sp*), one species from acanthocephala and another one is digenea. From the stations being sampled, infection level for nematode (*Spirocamallanus spp.* and *Contracaecum sp*) during monsoon season were the highest compared to pre-monsoon season.

ABSTRAK

Sejumlah empat puluh sampel ikan (*Nibea soldado*) telah diperolehi dari pasar di pantai Kuala Terengganu pada musim kering (Ogos- Oktober, 2008) dan musim hujan (November-Januari, 2009) dengan setiap musim masing-masing tiga puluh sampel ikan. Sampel ikan telah diperiksa untuk menentukan prevalen dan min keamatan parasit yang dijumpai. Sebanyak empat spesies telah dijumpai sepanjang kajian: satu spesies dari kelas cestoda; dua spesies dari nematode (*Spirocamallanus spp.* and *Contraecaecum sp*), satu spesies dari acanthocephalan dan satu lagi ialah digenea. Tahap jangkitan untuk nematode (*Spirocamallanus spp.* dan *Contraecaecum sp*) semasa musim hujan adalah lebih tinggi berbanding dengan musim kering.