

A STUDY OF COPEPOD PARASITE INFECTION  
FROM SEA BASS (*Lates calcarifer*)  
IN SETIU WETLAND, TERENGGANU

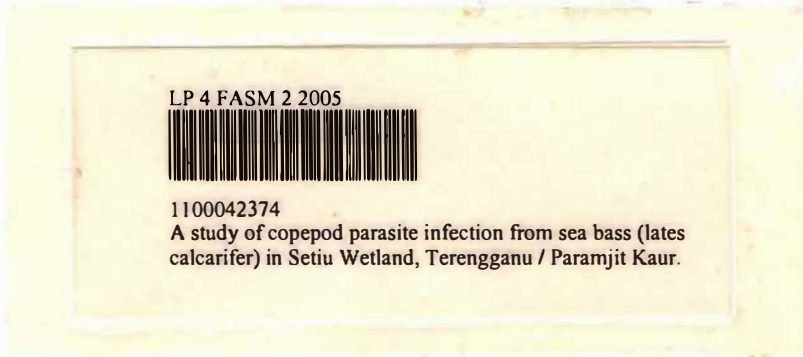
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**A STUDY OF COPEPOD PARASITE INFECTION FROM SEA BASS ( *Lates calcarifer* ) IN SETIU WETLAND, TERENGGANU**

**PARAMJIT KAUR**

**This report is submitted in partial fulfillment of the requirements of the degree  
of Bachelor of Science in Agrotechnology  
(Aquaculture)**

**FACULTY OF AGROTECHNOLOGY AND FOOD SCIENCE  
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## ABSTRACT

A total of thirty fish (*Lates calcarifer*) were collected from Setiu Wetland, Terengganu. The fish were examined and the prevalence and the mean intensity of the copepod parasite were determined. The copepod parasites were drawn using a camera lucida. A total of 16 specimens of copepod parasite were found throughout the study and they were identified as genus *Lernanthropus*. At the station sampled, infestation levels of *Lernanthropus* sp for *Lates calcarifer* were low, with the number of infestation 11 for female *Lernanthropus* sp and 5 for male *Lernanthropus* sp. There were also correlation between the host size (weight of fish) and its infection levels, which showed an increase of infection with increase of fish weight.

## ABSTRAK

Sejumlah tiga puluh ekor ikan (*Lates calcarifer*) diperolehi dari kawasan air masin di Setiu Wetland, Terengganu. Ikan telah diperiksa dan prevalen dan min keamatan copepod parasit yang dijumpai ditentukan. Mikroskop kamera Lucinda telah digunakan untuk melukis morfologi kopepod parasit. Sebanyak 16 spesimen telah dijumpai sepanjang kajian dan diklasifikasikan dalam genus *Lernanthropus*. Di kawasan kajian, tahap jangkitan *Lernanthropus* sp untuk *Lates calcarifer* adalah rendah dengan 11 *Lernanthropus* sp betina dan 5 *Lernanthropus* sp jantan. Terdapat perhubungan rapat di antara saiz ikan (berat ikan) dengan tahap jangkitan parasitnya, iaitu jangkitan parasit pada sampel ikan akan bertambah jika berat ikan bertambah.