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ECTOPARASITES ON JUVENILES OF *Pangasius sutchi* IN POND CULTURE

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

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ABSTRACT

An ectoparasitise diagnostic study on juveniles of *Pangasius sutchi* was conducted. About 50 juveniles of *Pangasius sutchi* were caught from Manir, Kuala Terengganu for this study. Two species of ectoparasites were found on juveniles of *Pangasius sutchi*. There is protozoan ciliates and one species of monogenea The ciliated protozoan *Trichodina* spp. was mainly found on skin the and several in on the gills with mean intensity of 20.4. The monogenean *Silurodiscoides simensis* was mainly found in the gills with mean intensity of 23.7. The prevalence of trichodinid and monogenean infection of the juveniles were 100%. All juveniles were infected and this could probably be due to stress and over crowding.

ABSTRAK

Satu kajian diagnostik ektoparasit pada juvenil ikan *Pangasius sutchi* telah dijalankan. Sebanyak 50 ekor ikan dari Manir, Kuala Terengganu telah disampel untuk kajian ini. Dua spesis ektoparasit telah dijumpai menyerang juvenil ikan *Pangasius sutchi*. Satu siliate protozoan dan satu spesis monogenea telah dijumpai. Siliate protozoan *Trichodina* spp. telah banyak dijumpai di badan ikan dan sedikit di dalam insang ikan dengan darjah infeksi adalah 20.4. monogenea *Silurodiscoides simensis* dijumpai pada insang ikan dengan darjah infeksi adalah 23.7. jumlah prevalen Trichodinid dan monogenea yang menyerang anak ikan adalah 100%. Semua anak ikan dijangkiti parasit ianya mungkin disebabkan oleh faktor tekanan, kepadatan yang tinggi dan kualiti air yang teruk.