

THE STUDY ON ECTOPARASITE OF LONGHEAD GOLDFISH

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ABSTRACT

This study was carried out to determine the mean intensity and prevalence of ectoparasites of lionhead goldfish (*Carasius arratus*). A total of 30 samples of lionhead goldfish were selected from ornamental fish shop at Gong Badak. The fish were maintained in aquarium, for examination in the laboratory. Examination of ectoparasites began with skin smear and gill smear. The result showed that only two parasites have been identified from group monogenea, *Gyrodactylus* sp and two *Trichodina* sp from group protozoa. Total samples of *Trichodina* sp. 1 (n=30) had been measured for the species identification. The prevalence and mean intensity of *Gyrodactylus* sp was recorded with 93.33% and 30.82 while *Trichodina* sp. 96.67% and 70.21, respectively.

ABSTRAK

Kajian ini, dilakukan untuk menentukan dan mengenalpasti ektoparasit yang ada pada ikan emas kepala besar (*Carassius auratus*). Sejumlah 30 sampel ikan emas yang dibeli dari kedai ikan hiasan di Gong Badak. Ikan dipindahkan ke dalam akuarium untuk di periksa di makmal. Pemeriksaan ektoparasit ikan bermula pada kulit dan insang. Hasil daripada kajian ini menunjukkan hanya dua jenis parasit yang di jumpai iaitu dari kumpulan monogenea, *Gyrodactylus* sp dan *Trichodina* sp dari kumpulan protozoa. Secara keseluruhannya prevalen dan min keamatan bagi jangkitan *Gyrodactylus* sp. ialah 93.33% dan 30.82 manakala *Trichodina* sp. pula mencatatkan 96.67% dan 70.21.