

STUDY ON ANNULOSPORIDIAN PARASITES FROM STRIPED  
CATFISH, *Pangasius hypophthalmus* IN SUNGAI  
MAMP, TERENGGANU, MALAYSIA

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Study on myxosporidian parasites from striped catfish, pangasid hypophthalmus in Sungai manir, Terengganu / Wong Seem Ye



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**HAK MILIK  
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STUDY ON MYXOSPORIDIAN PARASITES FROM STRIPED CATFISH.  
*Pangasius hypophthalmus* IN SUNGAI MANIR,  
TERENGGANU, MALAYSIA

Wong Seem Yee

This project report is submitted in partial fulfilment of the requirement of the degree of  
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(Aquaculture)

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## ABSTRACT

Thirty specimens of the striped catfish, *Pangasius hypophthalmus*, were collected from a cage culture farm at Sungai Manir, Terengganu from October to November 2004. 90 % of fishes harboured one or more myxosporeans, and the average number of cysts in fishes were 18.96. Six new myxosporidian species were recovered in gills and spleen in the study. Three *Hennegoides* sp. (*Hennegoides pangasii* sp. n., *Hennegoides berlandi* sp.n., and *Hennegoides malayensis* sp.n.), one *Henneguya* sp. (*Henneguya shariffi* sp. n.) and two *Myxobolus* sp. (*Myxobolus baskai* sp. n. and *Myxobolus pangasii* sp.n.) were found.

## ABSTRAK

Tiga puluh sampel striped catfish, *Pangasius hypophthalmus* telah didapati dari salah satu ikan sangkar di Sungai Manir, Terengganu pada Oktober ke November 2004. 90 % ikan didapati dijangkiti lebih daripada satu myxosporeans parasit dan purata sista yang dijumpai pada badan ikan ialah 18.96. Enam myxosporidian parasit spesies baru telah dijumpai di insang dan limpa sepanjang kajian. Tiga *Hennegoides* sp. (*Hennegoides pangasii* sp. n., *Hennegoides berlandi* sp. n., dan *Hennegoides malayensis* sp.n.), satu *Henneguya* sp. iaitu *Henneguya shariffi* sp. n. dan dua *Myxobolus* sp. (*Myxobolus baskai* sp. n. dan *Myxobolus pangasii* sp.n.