

**ECTOPARASITES OF MONOGENEAN ON FRESHWATER FISH AT
MOYOG RIVER IN BABAGON, PENAMPANG.**



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ABSTRACT

Ectoparasites of Monogenean on freshwater fish at Moyog River in Babagon, Penampang.

Monogenean ectoparasites on fish can cause serious damage to the aquaculture industry. The goals of this study are to determine the ectoparasites of Monogenean in freshwater fishes, to determine the ectoparasites of Monogenean prevalence and intensity, to determine the correlation between ectoparasites intensity with fish length and to determine the correlation between ectoparasites intensity with fish weight. A total of 90 fishes were collected in Moyog River, Penampang. The fishes were collected at three stations. Mucus scraping method was done on three different body parts of the fish which are dorsal fin, lateral line and gills. The mucus was spreaded on a clean glass slide, covered with cover slip and preserved with 70 % of ethanol. Compound microscope was used to do the ectoparasites identification. During this study, only 6 types of Monogenean ectoparasites were found in Moyog River which are *Dactylogyrus sp.*, *Gyrodactylus sp.*, *Capsalidae sp.*, *Paradiclybothrium sp.*, *Diclybothrium sp.* and *Mazocraeдея sp.* Most of the ectoparasites were found between class range of 5.5 cm to 10.5 cm in length and of 0.01 kg to 0.31 kg in weight. Between the scraping areas, lateral line has the highest intensity. There were no significant correlation between ectoparasites intensity with fish's length and weight. Perhaps, other factor might influence the distribution of the Monogenean ectoparasites in Moyog River located at Babagon, Penampang.