

**THE MORPHOLOGICAL STUDY OF FRESHWATER
FISHES (ORDER: CYPRINIFORMES) AT THREE
SELECTED RIVER OF TAGAL SYSTEM IN
TUARAN RIVER**

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ABSTRACT

THE MORPHOLOGICAL STUDY OF FRESHWATER FISHES (ORDER: CYPRINIFORMES) AT THREE SELECTED RIVER OF TAGAL SYSTEM IN TUARAN RIVER

A study of morphological of freshwater fishes was conducted from 13th to 20th at three selected rivers (Mantaranau River, Tombongon River and Kimaunau River). All rivers are generally shallow, fast flowing and rocky. Fish collections were made using cast net and scoop net depending on the river characteristic. The samples were preserved and deposited in UiTM Sabah Laboratory. Ten (10) species were found from family Cyprinidae and family Gastromyzontidae and eight (8) genera (*Lobocheilus* , *Tor* , *Gastromyzon*, *Paracrosschilus*, *Epalzeorhynchus*, *Puntius*, *Garra* and *Chela*). 10 species were found in Mantaranau River, four (4) species in Tombongon River and five (5) species in Kimaunau River. Identification of fishes was made based on morphometric character and meristic character. There are 22 morphometric measurements that, 11 meristic counts and three additional characters were taken. Complete descriptions were given to each species and there are three selected characteristic that were used in comparison with Inger and Chin, 2002, Kottelat *et al*, 1993 and Smith and Tan, 1998 which are total length, standard length and the scales along the lateral line.