

DESKRIPSI JENIS-JENIS IKAN HASIL TANGKAPAN NELAYAN DI PERAIRAN DANAU LIMBOTO

Djuna Lamondo

Jurusan Biologi Fakultas Matematika dan IPA
Universitas Negeri Gorontalo

ABSTRACT: This study is descriptive research that aimed to find out the fish species which capture by fishermen in Limboto lakes, index of diversity and fish nutrition status.

This study using survey method and was done in 6 month, from February to July 2007. Sampling was done in 3 stations, those are, 1st station in Batudaa, 2nd station in Limboto, and 3rd station in Telaga. Sampling based on the type of the capture equipment with 6 replications. The captured fish was identified by determination key, the index of diversity determined using Shannon-wiener diversity index. The fish nutrition index determined using Foulton's formula about the coefficient of fish nutrition value.

The result showed, there are 12 species fish that captured by fisherman in Limboto lake, those are, *Oreochromis niloticus* (Ikan Nila), *Oreochromis mossambicus* (Ikan Mujair), *Glossogobius giurus* (Ikan Manggabai), *Ophiochara sp* (Ikan Belosoh), *Ophiochara porocephala* (payangga), *Trichogaster trichopterus* (Ikan Sepat), *Clarias batrachus* (Ikan Lele), *Trichogaster pectoralis* (Ikan Sepat Siam), *Clarias striata* (Ikan Gabus), *Anabas testudineus* (Ikan Betok), *Barbodes gonionotus* (Ikan Tawes) dan *Anguilla marmorata* (Ikan Sidat). Index diversity value (H') is 6,48 and the coefficient of fish nutrition (NVC) of *Oreochromis niloticus* is 1,92, *Oreochromos mosambicus* is 1,57, *Glossogobius giurus* is 0,70, *Ophiochara sp* is 0,91, *Ophiochara porocephala* is 0,97, *Trichogaster trichopterus* is 1,42, *Clarias batrachus* is 1,27, *Trichogaster pectoralis* 1,37, *Channa striata* 2,16, *Anabas testudineus* is 1,55, *Barbodes gonionotus* is 1,3 and *Anguilla marmorata* is 1,95

Key Words: Diversity index, coefficient of nutrition value