KEANEKARAGAMAN DAN DISTRIBUSI IKAN DI ESTUARI BELAWANSUMATERA UTARA

ABSTRAK

"Keanekaragaman dan Distribusi Ikan di Perairan Estuaria Belawan Sumatera Utara"telah diteliti.Metoda penentuan lokasi sampling untuk pengambilan sampel ikan adalah "Purposive Random Sampling" pada 4 (empat) stasiun pengamatan. Pengambilan sampel ikan dilakukan sebanyak 30 kali ulangan untuk setiap stasiun. Dari hasil penelitian diperoleh ikan yang terdiri dari 16 famili, dan 18 genus. Kepadatan populasi tertinggi terdapat pada stasiun 1 sebesar 0,429ind/m^2 dan kepadatan terendah terdapat pada stasiun 3 sebesar 0,226ind/m^2.Keanekaragaman ikan tertinggi sebesar 2,705 (stasiun 1) dan keanekaragaman terendah sebesar 2,342 (stasiun 4). Secara keseluruhan keanekaragaman ikan tergolong sedang. Pola distribusi ikan tergolong acak. Faktor fisik dan kimia air (kecepatan arus, Pospat, fraksi substrat dan liat) berpengaruh nyata terhadap keanekaragaman ikan.

Kata Kunci *: distribusi, estuari Belawan, ikan, keanekaragaman.*

THE DIVERSITY AND DISTRIBUTION OF FISH IN AQUATICESTUARYBELAWANIN NORTH SUMATERA

ABSTRACT

The Diversity and Distribution of Fish in AquaticEstuaryBelawanin North Sumatra" has been studied. Four sampling stations are settled through purposive random with 30 replication for each station. There are 18 genera of fishes classfiying into 18 families found in the study site. The highest diversity is reconded from the first location with the number 0,429 ind/m^2, while the lowest diversity is from the third location with the number 0,226 ind/m^2.Thehighest diversity is 2,705 form first location, while the lowest diversity is from four the location with the number 2,342. Generally, the value of the diversity of fishes is categorized as moderate and fish distribution is categorized as random. Physical and chemical parameters of water (current velocity, phosphate, the fraction of dust clay) evidently correlated with the fish diversity.

***Key words** : distribution, divercity, estuary Belawan, fish.*