Intisari

Ikan belanak (*Mugil cephalus*) merupakan ikan ekonomis tinggi yang banyak dikonsumsi masyarakat. Kajian hubungan panjang-berat dan faktor kondisi menjadi penting sebagai dasar pengelolaan sumberdaya ikan. Penelitian ini bertujuan untuk mengetahui hubungan panjang-berat dan faktor kondisi ikan belanak (*Mugil cephalus*) di perairan Pantai Drini Kabupaten Gunungkidul. Pengambilan sampel ikan belanak dilakukan dengan membeli hasil tangkapan nelayan. Pengambilan sampel belanak dilakukan dua kali setiap bulan dari bulan Oktober 2017 sampai dengan Januari 2018. Semua ikan belanak yang telah dibeli lalu dikumpulkan kemudian diukur panjang total dan berat individu. Data yang diperoleh dianalisis secara deskriptif berupa histogram, tabel atau gambar. Analisis hasil pengamatan meliputi distribusi panjang dan berat, hubungan panjang-berat, faktor kondisi serta proporsi nilai faktor kondisi. Selama penelitian diperoleh sampel belanak sebanyak 142 ekor yang terdiri atas jantan 101 ekor dan betina 41 ekor. Panjang belanak jantan tersebar pada kisaran 9,7-15,1 cm dan berat berkisar antara 9,13-30,13 g. Pada belanak betina, panjang tersebar pada kisaran 10,8-19,2 cm dan berat berkisar antara 11,29-45,87 g. Nilai b pada hubungan panjang-berat belanak jantan dan betina menunjukkan pertumbuhan allometrik negatif (b<3). Faktor kondisi belanak jantan berkisar antara 0,863-1,122 dengan rerata 1,003 dan faktor kondisi ikan betina berkisar antara 0,671-1,248 dengan rerata 1,005. Sebagian besar ikan belanak jantan dan betina di Pantai Drini memiliki kondisi yang baik dan sangat baik.

Kata kunci : faktor kondisi, hubungan panjang-berat, *Mugil cephalus*, Pantai Drini

Abstract

The mullets (*Mugil cephalus*) is a high economic fish that is consumed by many people. The study of the length-weight relationship and condition factor become important as a basic for fisheries management tools. The aim of this research were to know the length-weight relationship and condition factor of mullets (*Mugil cephalus*) in Drini beach water, Gunungkidul regency. Fish samples were collected from fishermen twice a month from October 2017 to January 2018. All fish samples were measured their total length and weight individually. The data were analyzed descriptively as graph and tables. Analysis of data was namely the length and weight distribution, length-weight relationship, condition factor and value proportion condition factor. There were 142 individual fish comprising of 101 males and 41 females. The length of male grey mullet were varied between 9,7-15,1 cm and weight ranged from 9,13-30,13 g. The length female fish was range of 10,8-19,2 cm and the weight ranged 11,29-45,87 g. The length-weight relationship showed the value of b the male and female grey mullet allometric negative (b<3). The condition factor of male ranged from 0,863 to 1,122 with average of 1,003 and female ranged from 0,671 to 1,248 with average of 1,005. Most of the male and female mullets in Drini have a good and excellent condition.

Key words : condition factor, length weight relationship, *Mugil cephalus*, Drini beach