

**Length-Weight Relationships and Condition
of Gerreids (Pisces: Gerreidae) from the
Parangipettai Waters (SE coast of India)**
SIVASHANTHINI,K.

Abstract

The parameters of length-weight relationships were obtained for male, female and unsexed *Gerres filamentosus* and *G. abbreviatus* from the Parangipettai waters (SE coast of India). Covariance analysis for length-weight relationships of males, females and unsexed of both species revealed that there was no significant variation among males, females and unsexed ($P > 0.05$) and hence common formulae of $W = 0.00676 * TL^{3.285}$ and $W = 0.00910 * TL^{3.178}$ were derived for *G. filamentosus* and *G. abbreviatus*, respectively. The relative condition of both fishes showed seasonal variations. In females, low relative condition values were observed during October-February for both species. The highest mean values of average condition factor were recorded from 160 to 185 mm TL in *G. filamentosus* and from 170 to 195 mm in *G. abbreviatus*.