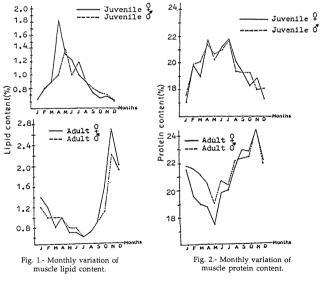
## Muscle lipids and protein content of the rabbit fish Siganus rivulatus (Forsk.) from the Southeastern Mediterranean

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\*Dep of Coennogr. Fac of Sci. ALEXANDRIA (Egypt) \*Nam. Bart. Oceanogr. Fish. ALEXANDRIA (Egypt) Department of the proceeding of the second of the babit fish in general and s. for dual protein and water content of the muscles of juvenilse (45 cm total length adults (>25 cm total length) of both sexes of S. *rivulatus* from the Southastern Mediterranean off the Egyptian coast. Biochemical analysis were carried out on monthly adults (>25 cm total length) of both sexes of S. *rivulatus* from the Southastern Mediterranean off the Egyptian coast. Biochemical analysis were carried out on monthly analyzed and assessed following the procedure of ASSEM & HANKE (1981); Egg albumin was used as a standard protein. All results are expressed as precent of wet were. Total the proceedure of ASSEM & HANKE (1981); Egg albumin was used as a standard protein. All results are expressed as precent of wet were. Total with no significant differences between 0.69% and 1.84% with an average of fishes of the method described by weaks of MI. 184% with an average of fishes of the lipid content was significantly higher and averaged 1.13% varying between 0.64 and 2.7%. In both juvenile and adult fish total muscle lipid was higher in profile and alult sish the lipid content increased with increasing fish length, the correlation orightmen 0.64 and 2.7%. In both juvenile and adult fish total muscle lipid adult was not significant, however, in fasth probably store their fat in the viscer at 1.9% was not significant, however, in fasth probably store their fat in the muscle lipid of both yourd lipid (22.8%) occurred in the viscer agains 3.3% in the flash and 4.4% in the liver of profile and adult stages of the species was significant (Fig. 1). This variation was directly orrelated with variation in the feeding intensity of the species in the study area (DOWIDIA study and was directly correlated with corresponding variation in the muscle lipid other orrelation was directly correlated with corresponding the spawning season is sproably take. In 5.7% 4



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