

Barbus sharpeyi (Gunther, 1874)

	-	-
	<i>Barbus sharpeyi</i>	
1000		28
	()	()
	16.4	14.2
/% 5.51		%368.8

(Nasir *et al.*,1989 ; 1989 ; 1986)
(1974)
Neikpeyi (1994) .(1976)

Mohammadi and Marammazei (2000)

(1996)

900

.(1) 300 1000

()

21



: (1)

Relative Growth Rate (RGR)

.Utne (1978)

$$RGR = \frac{w_2 - w_1}{w_1} \times 100$$

() = w_1 :

() = w_2

Specific Growth Rate (SGR)

.Utne (1978) :

$$SGR = \frac{(\ln w_2 - \ln w_1)}{(t_2 - t_1)} \times 100$$

() = w_1

() = w_2

= $t_2 - t_1$

(1)

$$\begin{aligned} & \circ 26 - 23 \\ & / \quad 8.4 - 7.5 \\ & \quad \quad .8.9 - 7.6 \end{aligned}$$

:(1)

	/	°
8.9 - 7.6	8.4 - 7.5	26 - 23

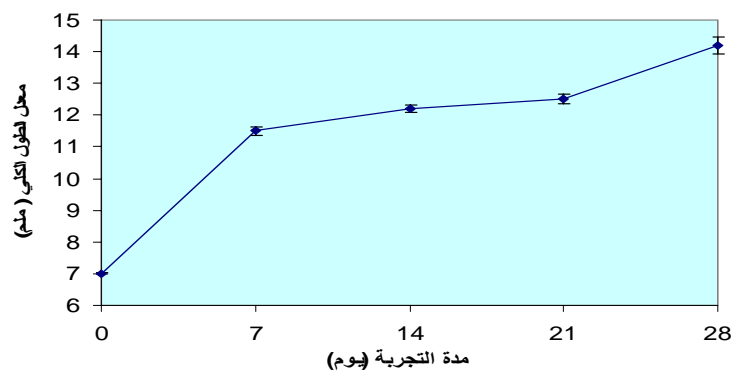
(2)

14.2

28

7

12 7



:(2)

28

(3)

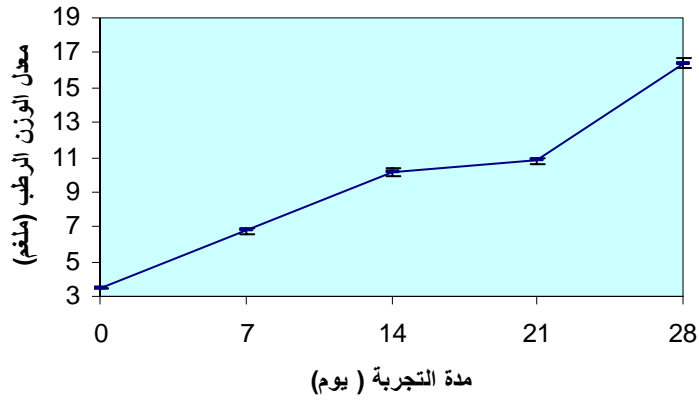
3.5

16.40

10.80

10.14

6.75



()

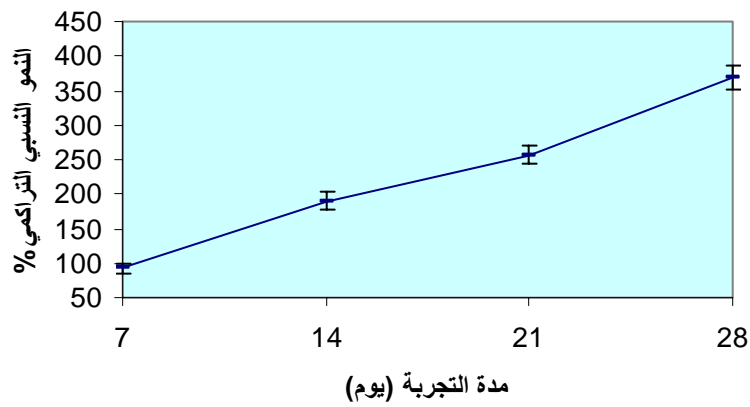
: (3)

28

28

(4)

.% 368.57

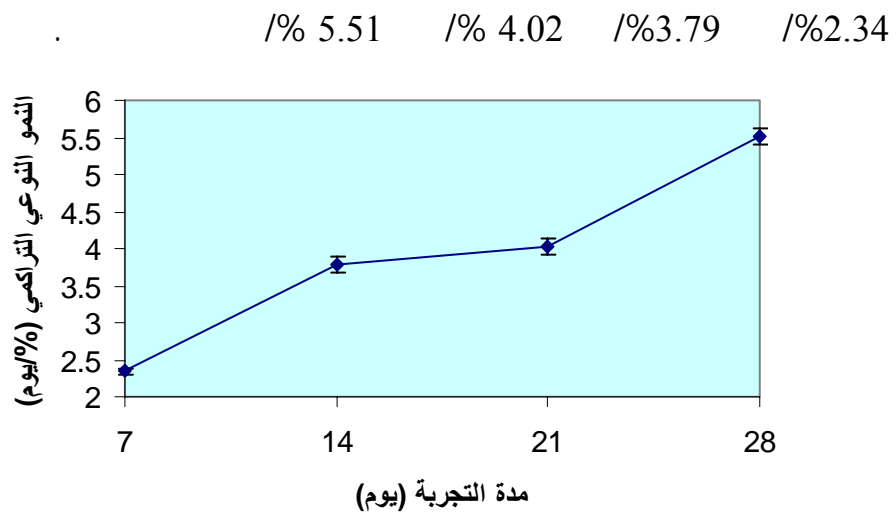


(%)

: (4)

28

(5)



:(5)

28

Smagula and Adelman (1982)

Elliot (1982) Hofer *et al.* (1982)



) 16.4 14.3
(

(2006)

.1974

Burbus sharpeyi Gunther *Barbus xanthopterus* Heckel

.1976

Heckel *Barbus sharpeyi* Gunther

Barbus grypus

	.1986
<i>Barbus</i>	.1996
<i>B. xanthopterus</i>	<i>sharpeyi</i>
	<i>Cyprinus carpio</i>
. 119.	
	.1989
<i>Barbus</i>	.2007 .
<i>Cyprinus carpio</i>	<i>sharpeyi</i>
	.2006
<i>Cyprinus carpio</i>	
<i>Hypophthalmichthys</i>	<i>Ctenopharyngodon idella</i>
	<i>molitrix</i>
	. 105 .

Elliot, J.M. 1982. The effect of temperature and ration size on the growth of salmonids in captivity. *Comp. Biochem. Physiol.*, 73B: 81-91.

Hofer, R., Forstner, H. and Rettenwader, R. 1982. Duration of gut passage and its dependence on temperature food consumption in roach *Rutilus rutilus* L.: Laboratory field experiments. *J. Fish. Biol.*, 20: 289-299.

Mohammadi, G. and Marammazi, J.G. 2000. Comparison of biomass of Cyprinidae and Mugillidae in fish community of Shadighan marsh, the first national scientific conference on *Barbus spp.* in Iran, Khuzestan fisheries research center, 50 pp (In Persian).

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- Nasir, N.A., Naama, A.K. and Al- Saboonahi, A. 1989. The distribution, length – relationships, food and feeding of cyprind fish *Barbus sharpeyi* from Al-Hammar Marsh, Iraq. *Fish. Res.*, 7: 175-181.
- Smagula, C.M. and Adelman, I.R. 1982. Day - to day variation in food consumption by largemouth bass. *Trans Am. Fish. Soc.*, III: 543 - 548.
- Utne, F. 1978. Standard methods terminology in fin- fish nutrition-form: Proc. World Symp. On Fin Fish Nutrition feed Technology, Hamburg. 20-30. June 1978.Vol.2.

Growth of larvae of *Bunnie Barbus sharpeyi* (Gunther,1874) underlaboratory conditions

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ABSTRACT

Larvae of *Bunnie* were reared under laboratory conditions by using semi closed system. Total Length and wet weight of larvae were measured weekly. Larvae were fed on live food in first week, then larvae fed on artificial food. Some abiotic factors represented by water temperature, oxygen and pH were recorded. The results showed the final total length of larvae was 14.2mm, final wet weight of 16.4mg at the end of experiment extend for 28 days. Relative growth and specific growth rate were estimated to be 368.75% and 5.51% /day respectively.