
Scartelaos tenuis

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(11 : 11 :)

Scartelaos tenuis

%

S. tenuis

% /

%

%

%

/ (Relative Length Gut)

Scartelaos tenuis :

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Scartelaos tenuis

(Amundsen *et al.*, 1996)

(Murdy, 1989)

Periophthalmus Periophthamodon

Scartelaos Boleophthalmus

(Murdy, 1989)

Amundsen *et al.*,)

(1996

(Castello, 1990) .

(Clayton, 1993)

S. tenuis

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(Castello,1990)

(° 'N ° 'E)

Colombini *et al.*, 1996; Nieder,)

(2001

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=Vi (Elliott, 1997) (F%)
 = Oi
 (CV) $F\% = (Ni / N) \times 100$ i
 $CV = \frac{ES}{TS} \times 100$ (Euzen., 1987) $A\% = (\sum Si / \sum St) \times 100$
 CV ES (Amundsen et al., 1996)
 TS ES i =Ni
 Excel =N
 =Si
 =St i
 2003
 SYSTAT 9 SPSS 11.5
 (Amundsen et al, 1996)
 =FP $F_p = \frac{N_p \times 100}{N_i}$
 =Np .P
 =Ni . P
 Fp < % % <Fp < % Fp > %
 (Castello, 1990)
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 (. /)
 (. /)
 (. /)
 (Castello,1990) () Ip
 Marshal and) $Ip = \frac{V_i O_i}{\sum (V_i O_i)}$
 (.)

...

Scartelaos tenuis

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FP

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S. tenuis

CV	()
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:CV

S. tenuis

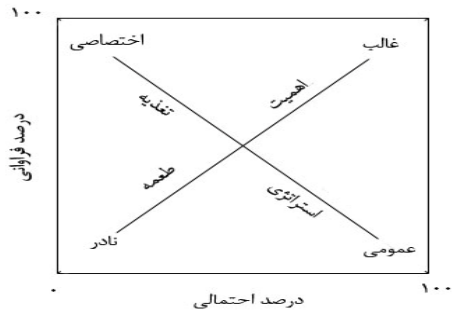
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S. tenuis

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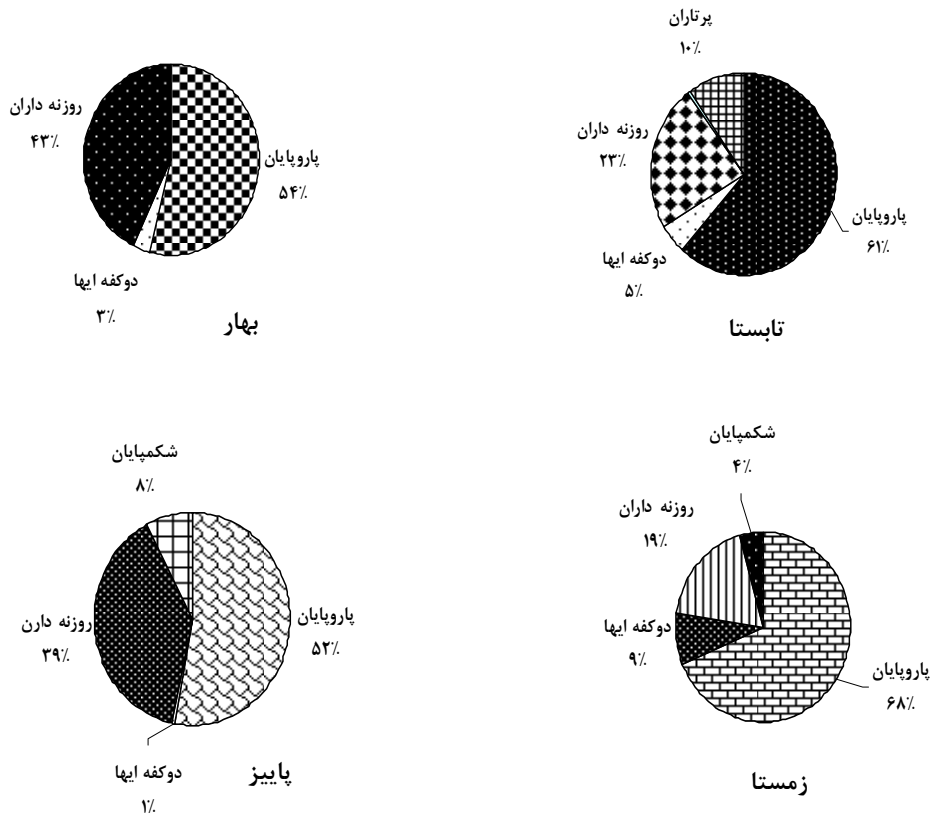
الف

S. tenuis () .

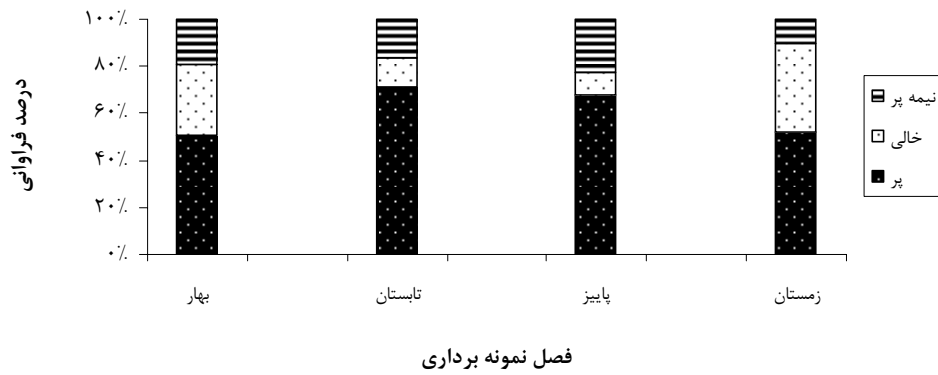


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S. tenuis



S. tenuis

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- .(Wainwright and Richard, 1995)

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S. tenuis

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Piet, 1998;)

(Sayar and

.(Drewe *et al*, 2004

.Reader, 1996; Cooke *et al*, 2003)

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(Nikolsky, 1999)

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S. gigas *Scartelaos*

(Park *et al*, 2008)

/ ± /

(Bates *et al*, 2008)

Stebbins and Kalk, 1961; Colombini *et al*, 1996;)

(Nieder, 2001

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Feeding Habits of *Scartelaos tenuis* in Bushehr Province, Iran.

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Abstract

This study was conducted to determine the feeding habits of Mudskipper *Scartelaos tenuis*. One hundred and eighty one specimens were collected in the northern part of Persian Gulf in Bushehr province during spring 2007 to winter 2008. Specimens caught by hand and dip net. Specimens fixed in 10% formalin and transferred to laboratory. Stomach contents were analyzed; possibility and frequency of prey were calculated with standard methods. Results showed that in *S.tenuis* copepods with IP index of 69.18% was the dominant and specific food item. There was no seasonal variation in food items. Stomach emptiness was the highest (32%) in winter and lowest (10%) in autumn. The RLG index was 1.4 that indicated the fish was omnivorous. Totally Stomach emptiness index was 20% that suggested the fish being a voracious feeder.

Keywords: *Scartelaos tenuis*, Feeding habits, Bushehr province, Iran