

(1)

Carassius auratus (Linnaeus, 1758)

Carassius
21 16
Carassius
31-25 *.auratus* (Linnaeus, 1758)
5 6-5 18-15
.48-45 .
.4-4 .30-28
0.99
3.41
.2.41

(6) *Carassius* Nilsson, 1832
(7) (8) (12)

(9)

Cyprinus auratus Linnaeus,

Carassius 1758
(15) *auratus*
Carassius auratus gibelio *Carassius gibelio* Synonyms
Carassius auratus auratus

.(12)

(10)

(12)

(6) Egirdir

.(13)

.(11)

Buldon

(3,1)

(4)

(2)

Carassius auratus

(1)

(14)

2008

.(2)

21

16

Body ratios

(SL/BD)

(HL/HD)

(SL/HL)

(ID/ED)

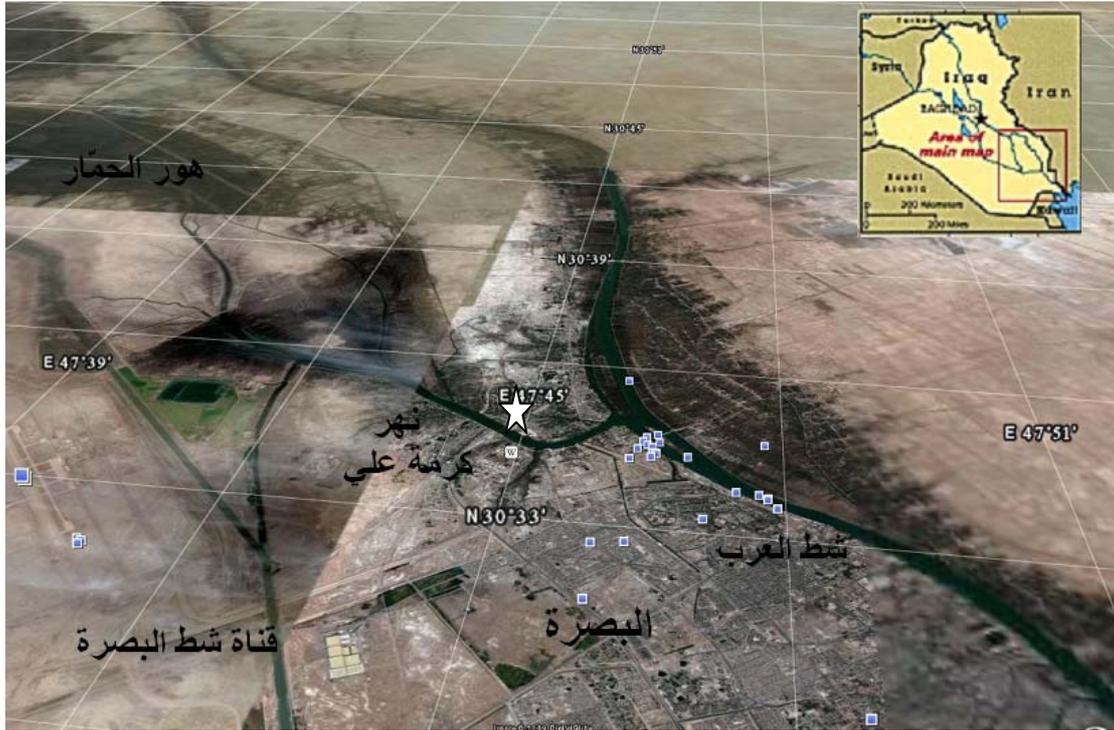
(HL/ED)

.(CPL/CPD)

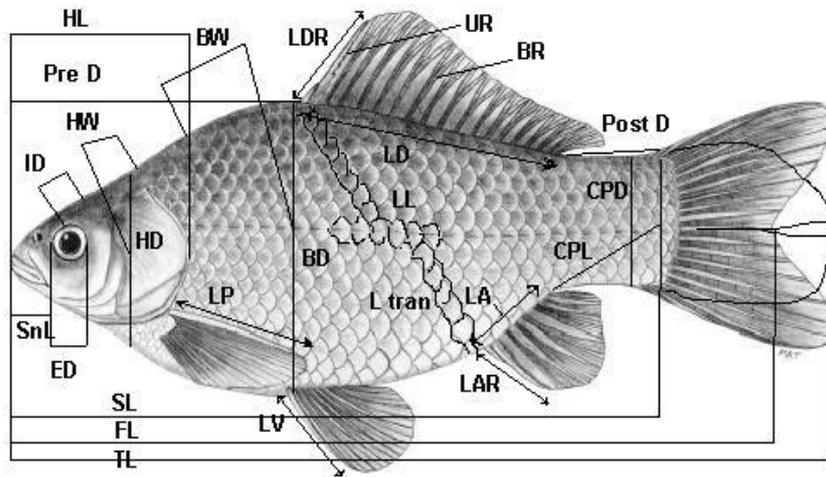
Carassiuss

(1) *C. auratus*

(2)



(1)



(2)

- :BW .
- :BD .
- :FL .
- :SL .
- :TL .
- :ED .
- :SnL .
- :HW .
- :HD .
- :HL .
- :PostD .
- :PreD .
- :ID .
- :LV .
- :LP .
- :LA .
- :LD .
- :LAR .
- :LAR .
- :LDR .
- :L tran .
- :LL .
- :CPD .
- :CPL .
- :BR .
- :UR .

(3) 14-10

89

(1)

.(4) 4-4

6

30-25

18-15

3

5

5

6-5

3

1

48-45

8-7

17-14

.(6) 30-28

(5)

(2)

250-115

89

116.56

7.86

41.39

12.18

38.92

(3)

0.99

3.47

(1)

\pm			
1.19 ± 29.08	31-25		
0 ± 6	6		
0 ± 5	5		
0.35 ± 5.85	6-5		
0 ± 3	3		
1.08 ± 16.73	18-15		
0 ± 3	3		
0.24 ± 5.06	6-5		
0 ± 1	1		
0.89 ± 15.51	17-14		
0 ± 1	1		
0.32 ± 7.88	8-7		
1.21 ± 45.66	48-45		
0.5 ± 28.97	30-28		

(2)

	%	
±		
1.98 ± 116.56	120.0-114.62	
1.92 ± 41.39	43.83-37.07	
0.77 ± 19.96	20.46-18.1	
1.26 ± 29.48	30.95-26.92	
1.16 ± 26.02	27.72-24.52	
0.68 ± 18.03	18.84-16.62	
0.15 ± 7.86	8.08-7.59	
0.48 ± 8.49	9.05-7.76	
0.50 ± 9.77	10.88-9.23	
0.98 ± 47.68	48.33-45.33	
2.80 ± 16.73	23.28-14.0	
0.78 ± 38.92	39.7-37.61	
0.41 ± 12.18	12.88-11.53	
0.78 ± 19.22	20.52-18.4	
0.88 ± 21.98	23.24-20.86	
0.68 ± 18.86	20.04-18.13	
0.75 ± 17.04	18.19-15.72	
0.57 ± 15.70	16.62-14.7	
0.45 ± 15.67	16.08-14.71	

(3)

±		
0.11 ± 2.41	2.69-2.28	BD \ SL
0.15 ± 3.39	3.71-3.23	HL \ SL
0.03 ± 1.12	1.18-1.06	HD \ HL
0.28 ± 3.47	3.98-3.03	ED \ HL
0.18 ± 3.01	3.2-2.63	ID \ HL
0.11 ± 1.14	1.36-1.05	ED \ ID
0.02 ± 0.99	1.03-0.96	CPD \ CPL



Carassius auratus

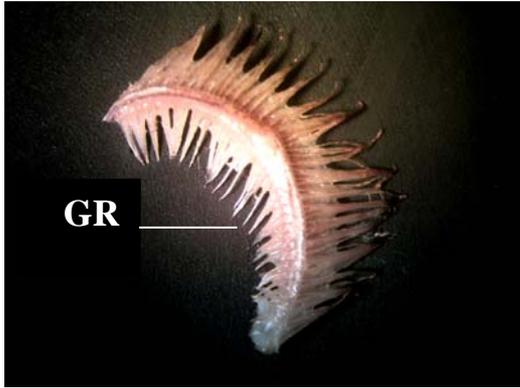
(1)



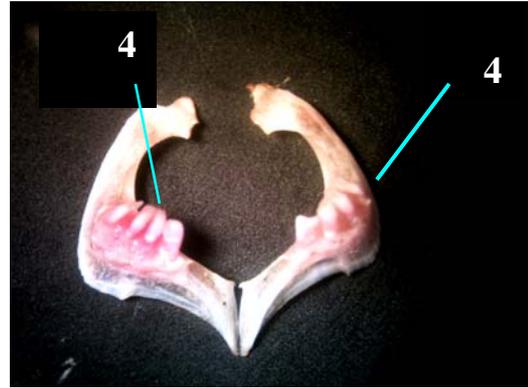
(3)



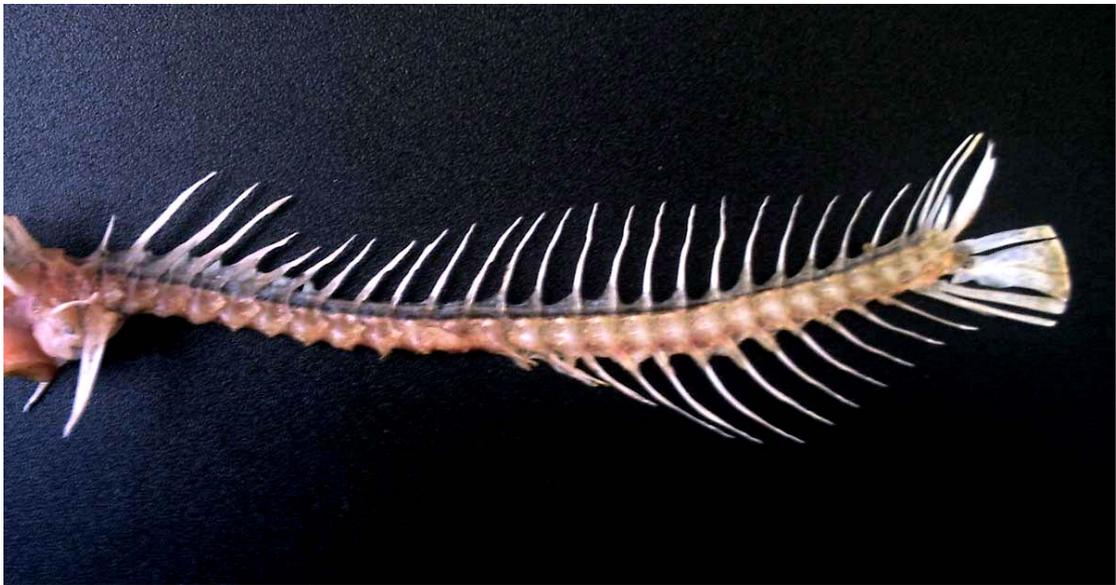
(2)



(5)



(4)



(6)

C. carassius

C. auratus

Carassius

(9) (14)

(3)

29-

11-10

6-5

28

6

8-6

5

33-23

53-37

34-31

31-28

C. auratus

(10)

20-16

29-27

30-29

(12)

.4-4

3

18

3

6

28.51-27.76

37.96-36.6

(4)

5

8-7

16-13

18-16

6-5

54-38

5

Carassius

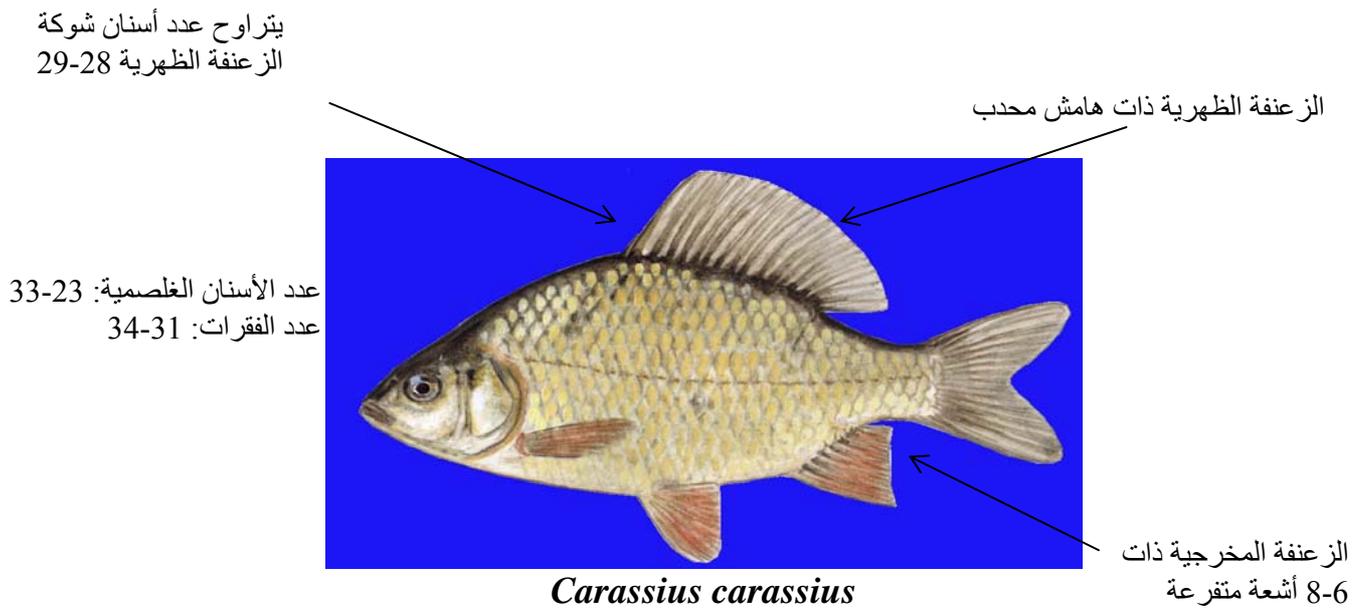
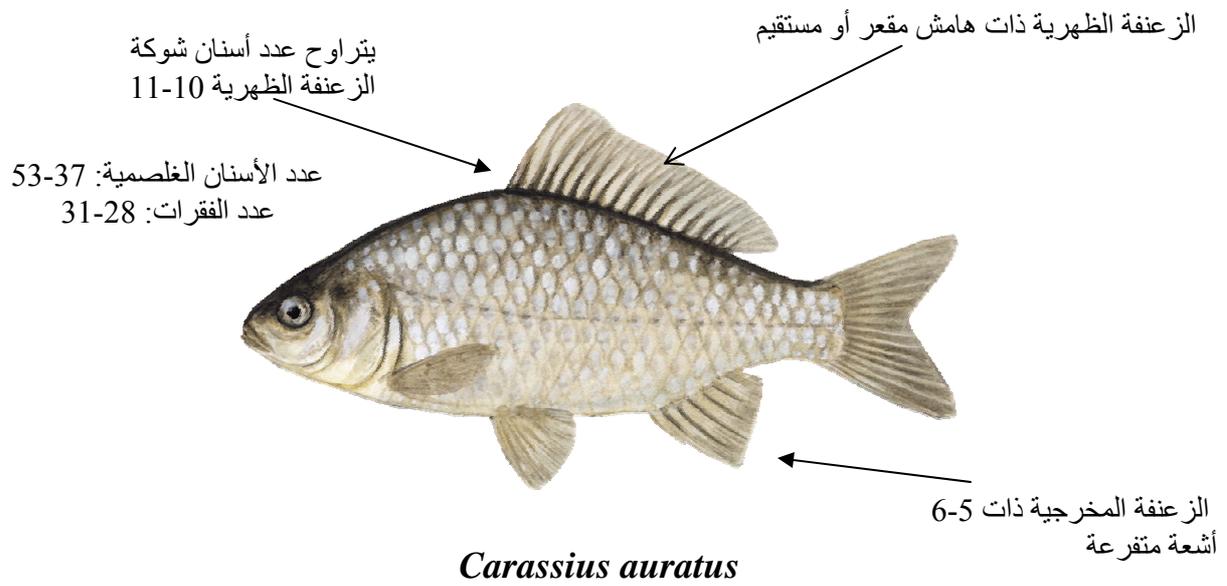
(7)

.48-45

(5) (8)

C. auratus

(12)



(14)

C. carassius

C. auratus

(3)

(9)

- 74 .(2001) -1
Carassius auratus
- .(2005) -2
Carassius auratus
. 182 .
- .(2005) -3
Carassius carassius
. 53 .
- .(2008) -4
Carassius auratus *Carassius auratus gibelio*
auratus
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Morphological study for gold fish *Carassius auratus* (Linnaeus, 1758) from Qarmat Ali river, southern Iraq

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SUMMARY

Biometry characters of genus *Carassius* from Qarmat Ali river southern Iraq were studied, the results showed that all specimens belong to gold fish *Carassius auratus* (Linnaeus, 1758). Number of scales in the lateral line ranged from 25 to 31. Number of dorsal branched rays varied from 15 to 18, anal fin with 5-6 branched rays usually 5. Gill rakers long varied from 45 to 48. Total vertebrae 28-30. Pharyngeal teeth were in one row 4-4. Body ratios of fishes were calculated, its means ranged from 0.99 of CPL/CPD to 3.47 of HL/ED, while was 2.41 of SL/BD.

Key word: *Carassius auratus*, meristic, morphometric characters, southern Iraq.