



Supplementary Material

Short Communication: Reproductive Biology of Snow Trout *Shizothorax plagiostomus*

Arif Jan*, Abdul Rab, Haroon, Rooh Ullah, Tauheed Ullah and Ikram Ullah

Department of Zoology, Shaheed Benazir Bhutto University, Sheringal, Dir Upper

* Corresponding author: arifjan@sbbu.edu.pk

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Supplementary Table I.- Various body parameters and reproductive features of 50 gravid female fish.

S No	Body length (cm)	Body weight (g)	Ovary weight (g)	Eggs per gram	Absolute fecundity	Relative fecundity	Conditioned factor
1	24.3	154.1	14.02	240	3364.80	21.84	1.074
2	25.4	158.0	14.56	355	5168.80	32.71	0.964
3	27.0	162.2	14.59	299	4362.41	26.90	0.824
4	27.5	169.0	19.00	324	6156.00	36.43	0.813
5	27.9	168.1	18.43	432	7961.76	47.36	0.774
6	29.0	180.8	22.98	459	10547.82	58.34	0.741
7	29.3	185.1	22.09	380	8394.20	45.35	0.736
8	29.3	182.8	23.23	420	9756.60	53.37	0.727
9	29.4	180.0	24.21	401	9708.21	53.93	0.708
10	30.2	200.4	26.83	234	6278.22	31.33	0.728
11	30.2	210.3	21.75	223	4850.25	23.06	0.764
12	30.3	250.2	24.94	318	7930.92	31.70	0.899
13	30.4	225.3	23.30	250	5825.00	25.85	0.802
14	30.4	230.0	23.84	300	7152.00	31.10	0.819
15	30.7	245.7	24.47	426	10424.22	42.43	0.849
16	30.8	250.0	24.98	314	7843.72	31.37	0.856
17	30.9	247.0	22.74	340	7731.60	31.30	0.837
18	31.0	260.3	24.87	340	8455.80	32.48	0.874
19	32.2	267.8	21.34	360	7682.40	28.69	0.802
20	32.4	270.0	25.25	400	10100.00	37.41	0.794
21	32.4	280.9	25.30	376	9512.80	33.87	0.826
22	32.9	325.6	27.09	357	9671.13	29.70	0.914
23	32.9	343.9	31.33	412	12907.96	37.53	0.966

S No	Body length (cm)	Body weight (g)	Ovary weight (g)	Eggs per gram	Absolute fecundity	Relative fecundity	Conditioned factor
24	33.2	380.0	35.42	390	13813.80	36.35	1.038
25	36.3	430.4	41.87	388	16245.56	37.75	0.900
26	36.6	440.0	45.59	240	10941.60	24.87	0.897
27	36.7	460.5	47.34	377	17847.18	38.76	0.932
28	37.0	473.2	50.38	287	14459.06	30.56	0.934
29	37.1	480.8	54.38	234	12724.92	26.47	0.942
30	37.7	493.0	50.34	356	17921.04	36.35	0.920
31	37.9	500.7	49.76	308	15326.08	30.61	0.920
32	38.2	550.3	56.43	376	21217.68	38.56	0.987
33	38.4	560.2	52.23	387	20213.01	36.08	0.989
34	39.1	620.9	66.48	398	26459.04	42.61	1.039
35	39.4	605.0	65.39	311	20336.29	33.61	0.989
36	39.6	597.4	72.84	301	21924.84	36.70	0.962
37	39.9	630.0	75.49	299	22571.51	35.83	0.992
38	39.9	640.4	75.40	316	23826.40	37.21	1.008
39	39.9	637.7	69.03	300	20709.00	32.47	1.004
40	40.3	670.4	78.34	340	26635.60	39.73	1.024
41	40.4	654.3	74.23	327	24273.21	37.10	0.992
42	40.4	676.8	40.43	286	11562.98	17.08	1.026
43	40.7	676.0	28.48	345	9825.60	14.53	1.003
44	40.8	660.0	78.39	315	24692.85	37.41	0.972
45	40.8	690.3	70.95	300	21285.00	30.83	1.016
46	40.8	687.1	74.87	297	22236.39	32.36	1.012
47	42.0	734.9	94.38	311	29352.18	39.94	0.992
48	42.1	729.9	96.48	302	29136.96	39.92	0.978
49	42.6	770.8	75.98	323	24541.54	31.84	0.997
50	42.6	803.2	99.54	318	31653.72	39.41	1.039
Mean	34.9	428.0	44.83	333.84	14670.39	34.78	0.912

Supplementary Table II.- Monthly Sex ratio of the sampled fishes.

Sampling month	Total No. of fishes caught each month	No. of females	No. of males	Ratio of females to males
January	29	13	16	0.81
February	35	19	16	1.19
March	44	22	22	1.00
April	66	31	35	0.89
May	66	32	34	0.94
June	91	50	41	1.22
July	54	26	28	0.93
August	62	32	30	1.07
September	68	37	31	1.19
October	80	40	40	1.00
November	60	32	28	1.14
December	46	24	22	1.09
Total	701	358	343	1.04