

Supplementary table 1. Percentage of occurrence (%) of different food items in the diet of *Coptodon zillii* sampled from the Shadegan Wetland

Food Categories	Food Items	Adults		Juveniles	
		Occurrence Frequency	Percentage	Occurrence Frequency	Percentage
Macrophytes	Macrophytes	216	95.15	43	70.49
Phytoplanktons	Bacillariophyceae				
	<i>Tabellaria</i>	7	3.08	1	1.64
	<i>Fragilaria</i>	4	1.76	1	1.64
	<i>Cymbella</i>	81	35.68	20	32.79
	<i>Gomphonema</i>	2	0.88	1	1.64
	<i>Cocconeis</i>	5	2.2	7	11.48
	<i>Synedra</i>	218	96.04	58	95.08
	<i>Gyrosigma</i>	43	18.94	14	22.95
	<i>Navicula</i>	193	85.02	52	85.25
	<i>Diatoma</i>	177	77.97	47	77.05
	<i>Nitzschia</i>	95	41.85	26	42.62
	<i>Pinnularia</i>	11	4.85	3	4.92
	<i>Meridion</i>	20	8.81	3	4.92
	<i>Surirella</i>	186	81.94	36	59.02
	Chlorophyceae				
	<i>Ankistrodesmus</i>	86	37.88	39	63.93
	<i>Pediastrum</i>	68	29.96	10	16.39
	<i>Coelastrum</i>	21	9.25	1	1.64
	Coccinodiscophyceae				
	<i>Melosira</i>	41	18.07	19	31.15
	<i>Coccinodiscus</i>	44	19.38	30	49.18
	Cyanophyceae				
	<i>Chroococcus</i>	26	11.45	14	22.95
	<i>Gloeocapsa</i>	11	4.85	3	4.92
	<i>Anabaena</i>	26	11.45	9	14.75
	<i>Oscillatoria</i>	92	40.52	41	67.21
	<i>Rivularia</i>	1	0.44	-	-
	<i>Spirulina</i>	29	12.78	13	21.31
	Dinophyceae				
	<i>Ceratium</i>	4	1.76	-	-

	<i>Peridinium</i>	45	19.82	-	-
	Euglenophyceae				
	<i>Euglena</i>	2	0.88	-	-
	Mediophyceae				
	<i>Stephanodiscus</i>	171	75.33	41	67.21
	Zygnematophyceae				
	<i>Spirogyra</i>	3	1.32	2	3.28
Zooplankton	Rotifera	6	2.64	2	3.28
	Cladocera	2	0.88	1	1.64
Insect	Chironomid Larvae	3	1.32	11	18.03
Nematoda	Nematode	7	3.08	10	16.39
Other Materials	Detritus	16	7.05	22	36.07
	Fish Eggs	2	0.88	4	6.56
	Fish Scales	4	1.76	8	13.11
	Sand	126	55.51	5	8.2
	Seeds	21	9.25	1	1.64
	Sewage	23	10.13	3	4.92