Supplementary materials:

Table S1. Weight and percentage of fish catch in three sub-lakes.

Numbers	Species	Eastern Dongting		Southern Dongting		Western Dongting	
		Weight(kg)	Percentage(%)	Weight(kg)	Percentage(%)	Weight(kg)	Percentage(%)
1	*Cyprinus carpio*	251.54	13.67	567.68	44.19	106.57	7.79
2	*Carassius auratus*	551.46	29.97	87.48	6.81	754.17	55.13
3	*Hypophthalmichthys molitrix*	30.91	1.68	77.46	6.03	24.21	1.77
4	*Aristichthys nobilis*	43.79	2.38	29.29	2.28	15.73	1.15
5	*Ctenopharynodon idellus*	36.25	1.97	18.76	1.46	50.07	3.66
6	*Acheilognathus macropterus*	182.35	9.91	96.22	7.49	65.94	4.82
7	*Parabramis pekinensis*	67.53	3.67	98.15	7.64	59.64	4.36
8	*Cultrichthys erythropterus*	61.46	3.34	40.98	3.19	53.90	3.94
9	*Siniperca chuatsi*	164.13	8.92	23.25	1.81	22.16	1.62
10	*Pelteobaggrus nitidus*	1.29	0.07	0.51	0.04	0.14	0.01
11	*Siniperca scherzeri*	34.59	1.88	0.39	0.03	0.96	0.07
12	*Hemiculter Leuciclus Basilewaky*	18.77	1.02	1.67	0.13	0.14	0.01
13	*Hemiculter Leuciclus*	0.37	0.02	23.64	1.84	16.14	1.18
14	*Squaliobarbus curriculus*	12.88	0.70	42.14	3.28	8.62	0.63
15	*Mastacembelidae*	0.00	0.00	0.00	0.00	0.82	0.06
16	*Culter dabryi*	2.76	0.15	5.40	0.42	5.61	0.41
17	*Silurus meridionalis Chen*	19.69	1.07	3.08	0.24	13.54	0.99
18	*Coilia brachygnathus*	14.35	0.78	0.00	0.00	0.27	0.02
19	*Elopichthys bambusa*	8.28	0.45	8.24	0.64	15.46	1.13
20	*Sarcocheilichthys nigripinnis*	9.94	0.54	0.26	0.02	0.14	0.23
21	*Hemibarbus maculatus*	16.74	0.91	2.31	0.18	2.60	0.19
22	*Sarcocheilichthys sinensis*	18.77	1.02	10.39	0.81	1.09	0.08
23	*Pelteobagrus fulvidraco*	17.11	0.93	1.82	0.14	11.89	0.87
24	*Monopterus albus*	9.20	0.50	10.13	0.79	0.55	0.04
25	*Hyporhamphus intermedius*	10.86	0.59	13.23	1.03	0.00	0.00
26	*Opsariicjthys bidens*	10.12	0.55	13.23	1.03	0.00	0.00

27	*Pseudorasbora parva*	1.66	0.09	3.34	0.26	1.09	0.08
28	*Culter mongolicus*	21.71	1.18	10.90	0.85	0.55	0.04
29	*Misgurnus anguillicaudatus*	30.73	1.67	0.39	0.03	5.06	0.37
30	*Schilbe intermedius*	0.92	0.05	0.00	0.00	36.94	2.70
31	*Pseudolaubuca sinensis*	0.18	0.01	39.05	3.04	5.06	0.37
32	*Culter alburnus Basilewsky*	1.29	0.07	15.80	1.23	10.00	0.73
33	*Mylopharyngdon piceus*	26.50	1.44	0.77	0.06	32.28	2.36
34	*Macrobrachium nipponense*	20.98	1.14	12.85	1.00	0.55	0.04
35	*Odontobutis obscurus*	18.58	1.01	2.97	0.23	9.44	0.69
36	*Saurogobio dabryi*	19.69	1.07	3.73	0.29	5.34	0.39
37	*Pseudobrama simoni*	24.47	1.33	6.17	0.48	7.78	0.57
38	*Coreius heterodon*	17.30	0.94	0.51	0.04	0.00	0.00
39	*Megalobrama amblycephala*	18.58	1.01	4.50	0.35	0.41	0.03
40	*Pelteobagrus vachelli*	7.54	0.41	1.28	0.10	7.82	0.57
41	*Ophicephalus argus*	15.82	0.86	5.78	0.45	11.49	0.84
42	*Xenocypris argenteas*	18.58	1.01	0.64	0.05	0.82	0.06
43	*Squalidus argentatus*	0.37	0.02	0.26	0.02	0.00	0
Total		1840.06	100.00	1284.63	100.00	1367.99	100.00

Note: The nine dominant fish species were represent in red color. Procrustes analysis also shown that *C. carpio* and *C. auratus* even fish community structure did not affect the C and N stable isotope values of nine dominant fish species ($p > 0.05$).

English Review Certification:

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REVIEW CERTIFICATION

DATE: MARCH 29, 2018
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This memo certifies that Jia Yu have contracted our English language document review service for one （1） file, the particulars of which are listed below.

The English review was conducted using a two-stage process in which two editors reviewed the file. Both editors are native English speakers.

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Date of Review	DESCRIPTION (file name)
March 29, 2018	**Spatial variation in trophic structure of dominant fish species in Lake Dongting, China during dry season**