



Supplementary Material

Short Communication: Genetic Structure of *Octopus minor* (Sasaki, 1920) (Cephalopoda: Octopoda) from Chinese Waters using Mitochondrial ATPase 6 Gene

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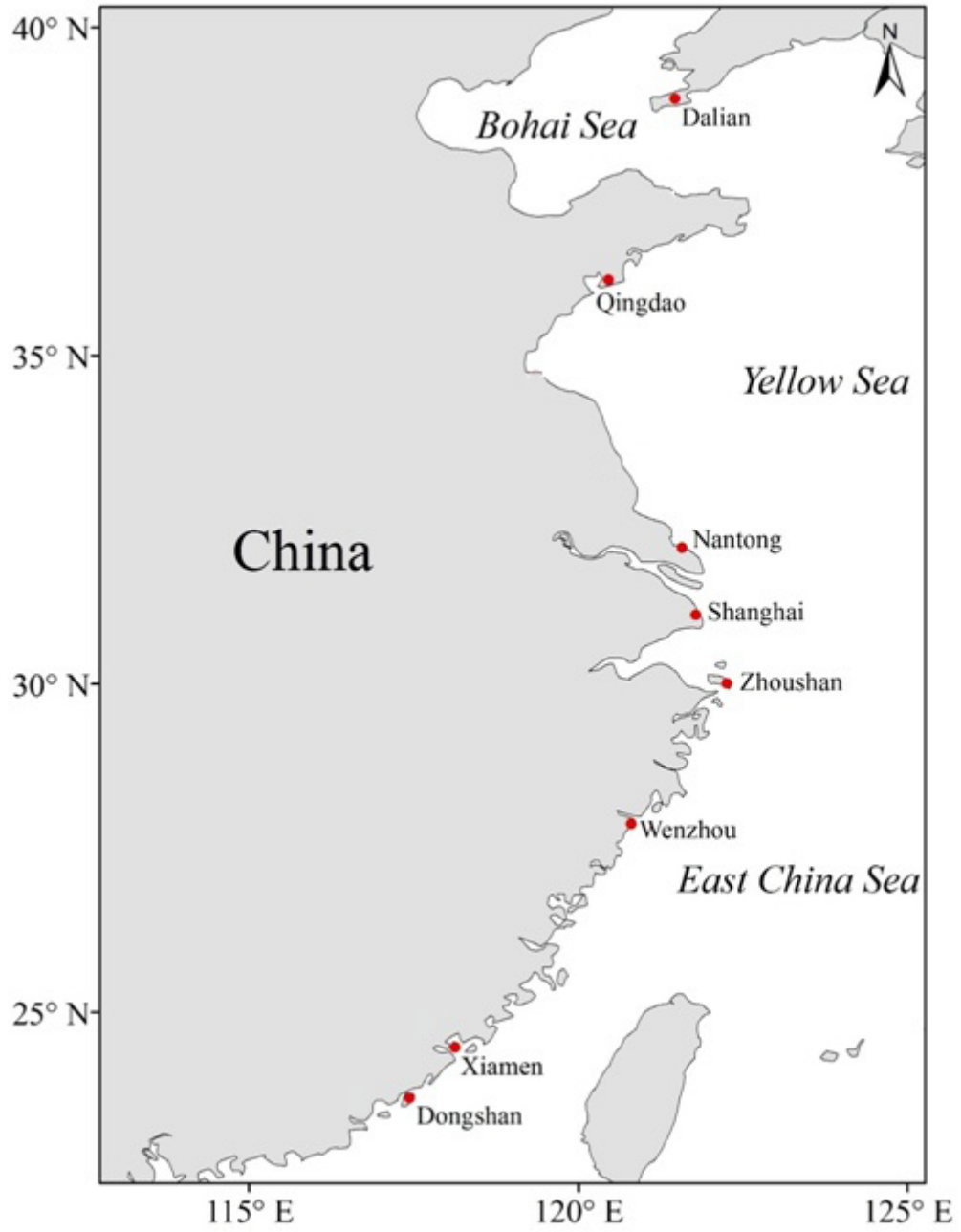
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Supplementary Table I.- Analysis of molecular variance of *Octopus minor* mtDNA ATPase 6 region sequences in eight different populations of China coast using Arlequin.

Source of variation	d.f	Sum of squares	Variance components	Percentage of variation
Among population	8	2217.022	16.632 Va	91.24
Within population	146	233.062	1.596 Vb	8.76
Total	154	2450.084	18.228	
Fixation index F_{ST}			0.91243*	

Supplementary Table II.- Tajima's D and Fu's FS tests, corresponding p value and mismatched distribution parameter estimates for *O. minor* population.

Location	Tajima'D		Fu's FS		Mismatch distribution		Rg	p Value
	D	p	Fs	P	SSD	p Value		
Dalian	-0.684	0.238	1.013	0.527	0.0239	0.210	0.713	0.500
Dongshan	-2.728	0.000	11.112	1.000	0.00611	0.400	0.403	0.710
Nantong	-1.670	0.0210	-3.715	0.001	0.0086	0.160	0.119	0.310
Qingdao	-2.307	0.000	1.042	0.733	0.01916	0.700	0.246	0.700
Shanghai	0.000	1.000	0.000	--	0.000	0.000	0.000	0.000
Wenzhou	0.869	0.871	1.039	0.560	0.00972	0.1200	0.203	0.260
Xiamen	0.094	0.517	-0.329	0.449	0.4237	0.480	0.058	0.840
Zhoushan	-1.572	0.045	-1.477	0.170	0.0094	0.680	0.058	0.850



Supplementary Fig. S1. Map showing collection sites *O. minor*.