

Genetic diversity and population differentiation of the freshwater copepod *Sinocalanus tenellus* (Calanoida, Centropagidae) in China

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Tab. S1. List of all sampled localities (name, abbreviation and geographical position) and sampling periods. Bold entries represent localities where *Sinocalanus tenellus* was detected.

Locality (abbreviation)	Latitude, Longitude	Sampling season
Cao Lake (CAH)	26.85N, 104.24E	Spring ²⁰¹⁴
Cui Lake (CUH)	25.05N, 102.71E	Spring ²⁰¹⁵
Danjiangkou Reservoir (DJK)	32.70N, 111.55E	Autumn ²⁰¹²
Dianchi (DIC)	24.85N, 102.74E	Spring ²⁰¹⁴
Dishui Lake (DSH)	30.90N, 121.96E	Summer ²⁰¹⁶
Donghu Reservoir (DHS)	46.63N, 125.61E	Summer ²⁰¹⁶
Huangshan Reservoir (HSR)	32.48N, 118.09E	Spring ²⁰¹³
Hutoushang Reservoir (HTS)	29.91N, 91.09E	Summer ²⁰¹⁷
Jindou Lake (JDH)	35.95N, 117.80E	Spring ²⁰¹²
Jinji Lake (JJH)	31.32N, 120.70E	Spring ²⁰¹⁶
Jinniushan Reservoir (JNS)	32.47N, 118.95E	Spring ²⁰¹³
Kundunlun River (KDL)	40.57N, 109.77E	Spring ²⁰¹³
Li Lake (LIH)	31.31N, 120.15E	Summer ²⁰¹⁶
Nanyin Reservoir (NYS)	45.95N, 124.58E	Summer ²⁰¹⁶
Naquxiaoxiang (NQH)	31.48N, 92.05E	Summer ²⁰¹²
Pangtoupao (PTP)	45.77N, 124.61E	Summer ²⁰¹⁶
Sangna Reservoir (SNR)	27.49N, 99.45E	Spring ²⁰¹⁴
Shahequ Reservoir (SHQ)	32.40N, 118.68E	Spring ²⁰¹³
Wuliangsu Lake (WLS)	40.66N, 108.77E	Summer ²⁰¹³
Xidagai (XDH)	45.96N, 124.66E	Summer ²⁰¹⁶
Xinhua Lake (XHH)	46.14N, 124.61E	Summer ²⁰¹⁶
Ying Lake (YIH)	32.62N, 108.90E	Autumn ²⁰¹²
Zaolin Reservoir (ZLR)	32.33N, 119.07E	Spring ²⁰¹³

Tab. S2. List of reference COI sequences of *Sinocalanus tenellus* (from China and Korea), *S. sinensis* (from China) and the outgroup used in this study.

Species	Haplotype ID	Country	GenBank accession nos.		
<i>Sinocalanus tenellus</i>	CN1	China	KU720102		
	CN2		KX620038		
	CN11		HM045327		
	CN11		HM045326		
	CN5		HM045325		
	CN11		HM045324		
	CN11		HM045323		
	CN8		HM045322		
	CN11		HM045321		
	CN11		HM045320		
	CN11		HM045306		
	<i>Sinocalanus sinensis</i>		KR1	Korea	AY145433
			KR2		KR048939
KR3		KR048938			
KR4		KR048937			
<i>Centropages tenuiremis</i>	CN1	China	HM045313.1		
	CN2		HM045314.1		
	CN3		HM045315.1		
	CN4		HM045316.1		
	CN5		HM045317.1		
	CN4		HM045318.1		
	CN7		HM045319.1		
<i>Centropages tenuiremis</i>	Outgroup	China	KX620039		