

Table S1. Species, Specimen code, sample localities, genes, and GenBank accession numbers for the specimens included in this study.

Species	Specimen Code	Collection Data	COI	16S rRNA	28S rRNA	CAD	ITS2
<i>Longizonitis semirubra</i>	M7G4	China, Xizang, Yadong, Xiayadong, 2017.VI.23, Jian-Yue Qiu and Hao Xu leg.	PP415776	PP414785	PP417814	-	PP440019
<i>Sinostenoria yangi</i>	M36C9	China, Beijing, Fangshan District, Dashiwo Town, Nanhe Village (latrine in the eastern village), 2022.VII.12	PP415775	PP414784	PP417813	PP415777	PP440018