



Supplementary Material

First Morphological Description and Phylogenetic Analysis of *Zhangixalus omeimontis* (Anura: Rhacophoridae) from Chongqing, China

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Supplementary Table S1. Genetic distances of Clade1, Clade2, and some *Zhangixalus* species estimated from 16S rRNA genes based on Kimura two-parameter model.

Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Clade 2																															
Clade 1	2.1																														
<i>Z. dziewisshanusis</i>	5.2	5.8																													
<i>Z. nanshanensis</i>	4.1	5.3	3.3																												
<i>Z. duboisi</i>	5.0	5.4	5.6	5.3																											
<i>Z. schlegelii</i>	5.9	7.1	6.8	6.5	6.3																										
<i>Z. zhoutaiyae</i>	4.6	5.2	3.8	2.2	6.1	6.8																									
<i>Z. melanoleucus</i>	8.9	9.6	9.4	10.1	6.7	9.6	9.9																								
<i>Z. diliensis</i>	11.8	13.8	13.7	13.1	8.1	14.3	12.9	15.2																							
<i>Z. hongchiensis</i>	5.3	6.2	7.0	5.9	3.1	6.4	6.5	10.9	14.2																						
<i>Z. nigropunctatus</i>	8.2	9.3	9.1	10.3	7.7	9.8	10.2	5.4	14.7	11.0																					
<i>Z. thaoae</i>	7.9	9.0	9.1	9.5	7.4	9.9	9.3	6.7	14.3	10.4	5.8																				
<i>Z. dorsovireidis</i>	4.4	5.0	2.4	2.4	6.0	6.7	3.0	8.8	11.9	5.9	9.0	8.3																			
<i>Z. minimus</i>	5.3	6.2	6.4	6.0	3.6	7.3	6.8	10.7	13.8	3.6	10.5	9.4	6.1																		
<i>Z. pachyproctus</i>	9.1	10.7	9.5	9.9	6.8	9.8	10.0	12.2	14.6	10.9	12.0	11.5	9.2	10.7																	
<i>Z. smaragdinus</i>	9.9	11.5	10.6	9.4	9.2	9.9	9.4	12.2	14.3	10.8	11.9	11.6	9.6	11.0	9.4																
<i>Z. hui</i>	4.5	5.5	6.1	5.1	2.8	6.1	5.5	9.8	12.5	3.6	9.9	9.2	5.6	3.6	10.2	9.6															
<i>Z. yaoshanensis</i>	8.8	9.9	9.8	9.9	8.3	10.1	9.7	7.0	15.3	11.4	6.1	3.8	8.9	10.5	12.2	12.1	10.1														
<i>Z. pinglongensis</i>	8.2	8.9	9.4	9.6	6.9	10.0	9.4	7.0	15.3	11.0	6.1	3.3	8.5	10.0	11.8	11.9	9.9	3.6													
<i>Z. yunnanensis</i>	8.5	9.8	9.7	9.5	6.6	9.6	9.5	5.1	14.9	10.8	5.1	6.5	8.4	11.0	11.8	11.3	9.5	6.6	6.7												
<i>Z. dennysi</i>	9.0	10.3	9.3	8.8	7.1	10.2	9.0	12.5	15.5	10.8	12.4	11.9	8.7	10.2	11.6	10.6	9.8	11.7	11.8	11.9											
<i>Z. feae</i>	7.7	9.6	8.4	7.8	5.1	8.0	7.8	9.8	12.8	8.4	9.7	9.8	7.5	9.3	8.7	9.0	7.8	10.9	9.7	9.4	9.3										
<i>Z. dugritei</i>	4.8	5.7	6.5	5.3	3.1	6.6	5.9	9.5	12.9	3.6	9.6	8.9	5.7	3.8	10.3	9.8	0.6	9.8	9.7	9.3	10.1	8.2									
<i>Z. chenfui</i>	9.3	10.3	9.7	10.3	6.8	10.8	10.5	8.6	15.9	11.4	8.2	8.2	9.3	11.5	12.2	12.4	9.9	8.7	8.4	7.7	13.1	10.4	9.8								
<i>Z. hungfuensis</i>	4.9	5.9	6.0	5.2	3.1	6.7	6.1	10.4	14.0	3.5	10.5	9.7	5.5	3.6	10.9	10.2	3.8	10.5	10.0	10.4	10.4	9.0	4.0	11.3							
<i>Z. burmanus</i>	3.2	4.2	4.9	4.0	5.1	5.8	4.3	9.4	12.9	5.0	9.2	8.4	4.4	5.0	9.5	9.5	4.3	9.1	8.9	9.1	9.1	7.4	4.4	9.2	5.4						
<i>Z. puerensis</i>	4.7	6.3	5.9	5.7	1.9	6.2	6.1	10.3	12.9	4.5	9.9	8.9	5.7	5.0	9.9	9.8	3.8	10.1	9.6	9.5	9.6	7.6	3.9	9.5	4.8	5.0					
<i>Z. moltrechti</i>	5.7	7.0	7.5	6.4	4.3	6.7	6.9	10.4	13.1	6.6	9.3	8.7	6.5	6.9	10.6	9.5	5.0	9.9	9.9	10.0	10.5	7.9	5.3	10.6	6.7	5.8	5.7				
<i>Z. franki</i>	3.0	3.6	5.2	4.8	4.8	6.3	4.9	7.7	13.6	5.7	7.9	8.1	4.8	5.4	10.3	11.3	4.9	8.5	8.1	8.1	9.8	8.6	5.2	8.9	5.0	3.0	5.3	6.4			
<i>Zhangixalus</i> sp.	4.5	4.4	5.5	5.7	6.6	7.7	7.1	4.5	6.7	5.5	3.5	1.1	5.5	5.0	7.5	9.6	5.0	2.6	2.0	5.0	7.7	4.5	5.2	7.2	5.2	4.0	5.5	5.0	3.7		
<i>Z. jodiae</i>	8.0	10.6	11.7	10.0	4.2	10.5	9.2	8.3	18.4	11.5	6.1	4.3	8.3	10.6	13.1	11.9	10.0	5.3	4.2	6.8	12.2	11.1	9.5	8.0	10.8	9.5	9.2	9.6	10.2	0.0	
<i>Z. tishuensis</i>	4.6	5.5	3.6	2.1	5.7	6.9	1.0	10.1	13.4	6.5	10.4	9.5	3.0	6.6	10.2	9.6	5.8	9.7	9.2	9.7	8.9	7.7	6.0	10.5	5.9	4.0	6.0	7.0	4.8	6.7	9.8