

## 附录1 秦岭两栖爬行动物物种数据参考文献

## Appendix 1 Literature sources for secondary data on amphibian and reptile distributions in the Qinling Range

- Chen XH (陈晓虹), Jiang JP (江建平) (2004) Supplementary description of *Paa (Fei Rana) Taihangnicus* (Anura, Ranidae) from Taihong Mountain, Henan of China. *Acta Zootaxonomica Sinica* (动物分类学报), **29**, 595–599. (in Chinese with English abstract)
- Chen XH (陈晓虹), Li L (李磊), Jiang JP (江建平), Qiao L (乔梁), Yang J (杨杰) (2009) Supplementary description geographic distribution of *Scutigera ningshanensis*, from Funiu Mountain, Henan, China. *Acta Zootaxonomica Sinica* (动物分类学报), **34**, 647–653. (in Chinese with English abstract)
- Chen XH (陈晓虹), Yang J (杨杰), Qu WY (瞿文元) (2007) The geographical distribution of *Pseudohynobius tsinpensis* newly discovered in Henan Province. *Chinese Journal of Zoology* (动物学杂志), **42**, 148–150. (in Chinese with English abstract)
- Fang RS (方荣盛) (1985) A new species of *Scutigera* from Shaanxi, China. *Acta Herpetologica Sinica* (两栖爬行动物学报), **4**, 305–307. (in Chinese)
- Fang RS (方荣盛), Song MT (宋鸣涛) (1981) Original survey of snakes in the southern slope in Qinling eastern domain. *Journal of Shaanxi Normal University (Natural Science Edition)* (陕西师范大学学报(自然科学版)), **1981**, 263–272. (in Chinese with English abstract)
- Fang RS (方荣盛), Wang TZ (王廷正) (1983) Three snake records in Shaanxi Province. *Acta Herpetologica Sinica* (两栖爬行动物学报), **2**, 75–76. (in Chinese with English abstract)
- Gong HS (巩会生), Zeng ZG (曾治高), Song TP (宋团谱), Zheng XY (郑晓燕), Cai XL (蔡晓丽), Fu P (付沛) (2012) Compositions and distributions of amphibians and reptiles in Foping Natural Reserve. *Journal of Northwest Forestry University* (西北林学院学报), **27**, 122–126. (in Chinese with English abstract)
- Gong DJ (龚大洁), Mou M (牟迈), Li XP (李晓鹏), Teng JR (滕继荣), Zhang KR (张可荣) (2008) Reproductive behavior of *Tylostrotion wenxianensis*. *Chinese Journal of Zoology* (动物学杂志), **43**(4), 48–55. (in Chinese with English abstract)
- Hu SQ (胡淑琴), Zhao EM (赵尔宓), Liu CZ (刘承钊) (1996) A herpetological survey of the Tsining and Taipaishan region. *Acta Zoologica Sinica* (动物学报), **18**, 57–89. (in Chinese with English abstract)
- Jiang JP (江建平), Wang B (王斌), Liu TY (刘炯宇), Xie F (谢锋) (2006) Amphibians in Laoxiancheng Nature Reserve. *Sichuan Journal of Zoology* (四川动物), **25**, 281–284. (in Chinese with English abstract)
- Li C (李成), Li SQ (李胜全), Wang YZ (王跃招), Zhang T (张涛) (2000) Herpetological survey of southern Gansu Province, China. *Sichuan Journal of Zoology* (四川动物), **19**, 74–76. (in Chinese with English abstract)
- Ma Y (马勇), Ma YS (马亦生), Gong HS (巩会生), Song MT (宋鸣涛), Xiao H (肖红), Yang JT (杨俊涛) (2006) Preliminary investigation on amphibian and reptilian in Taibaishan National Nature Reserve, Shaanxi. *Sichuan Journal of Zoology* (四川动物), **25**, 277–286. (in Chinese with English abstract)
- Pope CH (1935) *The Reptiles of China: Turtles, Crocodylians, Snakes, Lizards*. American Museum of Natural History, New York.
- Song MT (宋鸣涛) (1985) A new species of *Gekko* from Shaanxi Province. *Acta Herpetologica Sinica* (两栖爬行动物学报), **4**, 329–330. (in Chinese with English abstract)
- Song MT (宋鸣涛) (1987a) The Herpetofauna of Shaanxi Province. *Acta Herpetologica Sinica* (两栖爬行动物学报), **6**, 63–73. (in Chinese with English abstract)
- Song MT (宋鸣涛) (1987b) Survey of the reptiles of southern Shaanxi Province. *Acta Herpetologica Sinica* (两栖爬行动物学报), **6**, 59–64. (in Chinese)
- Song MT (宋鸣涛) (1986) The Herpetofauna in Taibaishan Northern slope of Qinling Mountain. *Chinese Journal of Zoology* (动物学杂志), **5**, 9–11. (in Chinese with English abstract)
- Song MT (宋鸣涛), Fang RS (方荣盛) (1982) The utilization of amphibian and reptilian and the analysis of food of snakes in the south flank of Qinling range. *Zoological Research* (动物学研究), **3**, 243–250. (in Chinese with English abstract)
- Stejneger L (1925) Chinese amphibians and reptiles in the United States National Museum. *Proceedings of the United States National Museum*, **66**, 1–115.
- Xia ZR (夏中荣), Chen XH (陈晓虹), Liang JB (梁俊波) (2006) A survey on diversity of amphibians in Funiu Mountain, Henan. *Sichuan Journal of Zoology* (四川动物), **25**, 307–311. (in Chinese with English abstract)
- Yang X, Wang B, Hu JH, Jiang JP (2011) A new species of the genus *Feirana* (Amphibia: Anura: Dicroglossidae) from the western Qinling Mountains of China. *Asian Herpetological Research*, **2**, 72–86.
- Yao CY (姚崇勇), Zhang SZ (张绳祖) (1989) Herpetology from the forest regions of the Xiaolong Mountain in Gansu. *Journal of Northwestern Normal University (Natural Science Edition)* (西北师范大学学报(自然科学版)), **1**, 55–68. (in Chinese with English abstract)

## English abstract)

- Yuan H (原洪) (1983) A herpetological survey in Huoditang forest of the Qinling Mountain. *Acta Herpetologica Sinica* (两栖爬行动物学报), **2**, 59–64. (in Chinese with English abstract)
- Yuan H (原洪) (1985) Reptile fauna of Shaanxi Province. *Acta Herpetologica Sinica* (两栖爬行动物学报), **4**, 133–139. (in Chinese with English abstract)
- Yuan H (原洪), Huang ZF (黄正发) (1985) A herpetological survey in Foping natural Reserve. *Acta Herpetologica Sinica* (两栖爬行动物学报), **4**, 50–51. (in Chinese with English abstract)
- Zhang Q (张琼), Gong DJ (龚大洁), Zhang KR (张可荣), Xu Y (许颖) (2007) Investigation and conservation measures on amphibians and reptiles in Gansu Baishuijiang Nature Reserve. *Sichuan Journal of Zoology* (四川动物), **26**, 329–332. (in Chinese with English abstract)

附表1 秦岭两栖、爬行动物物种名录及其海拔分布

Table S1 List of amphibian and reptile species and their elevational range in the Qinling Mountain Ranges

物种 Species	区系成分 Faunal components	海拔分布 Elevational range (m)
两栖动物	Amphibian	
隐鳃鲵科	Cryptobranchidae	
大鲵*	<i>Andrias davidianus</i>	广布种 700–1,900
小鲵科	Hynobiidae	
秦巴拟小鲵*	<i>Pseudohynobius tsinpaensis</i>	东洋界 1,700–2,700
黄斑拟小鲵**	<i>P. flavomaculatus</i>	东洋界 1,850–2,300
西藏山溪鲵*	<i>Batrachuperus tibetanus</i>	广布种 1,260–2,700
蝾螈科	Salamandridae	
文县瑶螈*	<i>Yaotriton wenxianensis</i>	东洋界 1,100–1,300
角蟾科	Megophryidae	
峨山掌突蟾**	<i>Paramegophrys oshanensis</i>	东洋界 950–1,700
小角蟾**	<i>Megophrys minor</i>	东洋界 1,400–2,100
南江角蟾**	<i>M. nankiangensis</i>	东洋界 1,600–1,850
巫山角蟾*	<i>M. wushanensis</i>	东洋界 950–1,450
川北齿蟾**	<i>Oreotalax chuanbeiensis</i>	广布种 960–1,450
宁陕齿突蟾**	<i>Scutiger (Scutiger) ningshanensis</i>	东洋界 1,250–2,550
平武齿突蟾**	<i>S. (Scutiger) pingwuensis</i>	东洋界 2,050–2,500
胸腺猫眼蟾**	<i>S. (Aelurophryne) glandulatus</i>	东洋界 1,600–1,800
蟾蜍科	Bufonidae	
华西大蟾蜍*	<i>Bufo gargarizans</i>	东洋界 300–1,700
中华大蟾蜍*	<i>B. gargarizans</i>	广布种 140–2,400
花背蟾蜍*	<i>Strauchbufo raddei</i>	古北界 350–2,000
雨蛙科	Hylidae	
秦岭雨蛙*	<i>Hyla tsinlingensis</i>	东洋界 890–2,300
蛙科	Ranidae	
黑斑侧褶蛙*	<i>Pelophylax nigromaculatus</i>	广布种 140–2,800
叉舌蛙科	Dicoglossidae	
泽陆蛙*	<i>Fejervarya multistriata</i>	东洋界 140–1,200
绿臭蛙*	<i>Odorrana margaretae</i>	东洋界 1,000–1,300
大绿臭蛙*	<i>O. graminea</i>	东洋界 1,200–1,400
棘腹蛙*	<i>Quasipaa boulengeri</i>	广布种 610–1,900
太行隆肛蛙*	<i>Feirana taihangnica</i>	东洋界 500–1,700
康县隆肛蛙*	<i>F. kangxianensis</i>	东洋界 780–1,962
隆肛蛙*	<i>F. quadranus</i>	广布种 500–2,200
中国林蛙*	<i>Rana chensinensis</i>	广布种 450–2,500

物种 Species		区系成分 Faunal components	海拔分布 Elevational range (m)
崇安湍蛙*	<i>Amolops chunganensis</i>	东洋界	670–1,200
四川湍蛙*	<i>A. mantzorum</i>	东洋界	1,100–2,250
树蛙科	Rhacophoridae		
斑腿泛树蛙*	<i>Polypedates megacephalus</i>	东洋界	600–1,200
姬娃科	Microhylidae		
合征姬蛙*	<i>Microhyla mixtata</i>	广布种	610–1,700
饰纹姬蛙*	<i>M. fissipes</i>	东洋界	140–1,650
花姬蛙**	<i>M. pulchra</i>	东洋界	550–750
北方狭口蛙*	<i>Kaloula borealis</i>	广布种	450–860
四川狭口蛙**	<i>K. rugifera</i>	东洋界	950–1,600
爬行动物	Reptile		
龟科	Testudinidae		
乌龟*	<i>Chinemys reevesii</i>	广布种	450–1,550
鳖科	Trionychidae		
鳖*	<i>Trionyx sinensis</i>	广布种	450–1,500
山瑞鳖**	<i>T. steindachneri</i>	广布种	500–600
石子龙科	Scincidae		
蓝尾石龙子*	<i>Eumeces elegans</i>	广布种	700–900
中国石龙子**	<i>E. chinensis</i>	东洋界	2,110–2,310
黄纹石龙子*	<i>E. xanthi</i>	广布种	640–1,900
秦岭滑蜥*	<i>Leiopisma tsinlingensis</i>	广布种	890–2,100
铜蜓蜥*	<i>Sphenomorphus indicus</i>	东洋界	450–1,900
丽斑麻蜥*	<i>Eremias argus</i>		300–1,100
北草蜥*	<i>Takydromus septentrionalis</i>		450–2,100
鬣蜥科	Agamidae		
丽纹龙蜥**	<i>Japalura splendida</i>	东洋界	450–900
草绿龙蜥**	<i>J. flaviceps</i>	东洋界	450–900
米仓龙蜥*	<i>Japalura micangshanensis</i>	东洋界	760–1,300
壁虎科	Gekkonidae		
多疣壁虎*	<i>Gekko japonicus</i>	东洋界	400–1,400
无蹼壁虎*	<i>G. swinhonis</i>	广布种	300–1,400
太白壁虎*	<i>G. taibaiensis</i>	东洋界	900–1,600
蝮科	Viperidae		
白头蝮**	<i>Azemiop feae</i>	东洋界	980–1,700
短尾蝮*	<i>Gloydius brevicaudus</i>	广布种	850–2,590
中介蝮*	<i>G. intermedius</i>	古北界	500–1,894
高原蝮*	<i>G. strauchi</i>	广布种	890–2,800
山烙铁头*	<i>Ovophis monticola</i>	东洋界	1,150–2,000
菜花原矛头蝮*	<i>Protobothrops jerdonii</i>	广布种	800–2,500
竹叶青*	<i>Trimeresurus stejnegeri</i>	广布种	600–2,300
游蛇科	Colubridae		
黑脊蛇*	<i>Achalina spinalis</i>	东洋界	450–1,900
绣链腹链蛇**	<i>Amphiesma craspedogaster</i>	东洋界	650–1,700
棕黑腹链蛇**	<i>A. sauteri</i>	东洋界	650–1,100
绞花林蛇*	<i>Boiga kraepelini</i>	东洋界	700–900
黄脊游蛇**	<i>Coluber spinalis</i>	古北界	430–1,300
翠青蛇*	<i>Cyclophiops major</i>	广布种	450–1,700
赤链蛇*	<i>Dinodon rufozonatum</i>	广布种	300–1,700
王锦蛇*	<i>Elaphe carinata</i>	广布种	450–1,800

物种 Species		区系成分 Faunal components	海拔分布 Elevational range (m)
白条锦蛇*	<i>E. dione</i>	古北界	300–1,500
玉斑锦蛇**	<i>E. mandarian</i>	广布种	300–1,550
紫灰锦蛇**	<i>E. porphyracea</i>	东洋界	600–1,700
黑眉锦蛇*	<i>E. taeniura</i>	广布种	450–1,700
棕黑锦蛇**	<i>E. schrenckii</i>	东洋界	300–900
团花锦蛇**	<i>E. davidi</i>	古北界	850–900
双斑锦蛇*	<i>E. bimaculate</i>	广布种	500–1,200
黑背白环蛇**	<i>Lycodon ruhsrlatilyoo</i>	东洋界	1,100–1,450
双全白环蛇**	<i>L. fasciatus</i>	广布种	650–1,700
宁陕小头蛇**	<i>Oligodon ningshanensis</i>	东洋界	1,400–1,650
横纹小头蛇**	<i>O. multizonatum</i>	东洋界	790–1,350
福建颈斑蛇**	<i>Plagiopholis styani</i>	东洋界	500–700
大眼斜鳞蛇*	<i>Pseudoxenodon macrops</i>	广布种	600–2,000
颈槽蛇*	<i>Rhabdophis nuchalis</i>	广布种	600–2,000
虎斑颈槽蛇*	<i>R. tigrina</i>	东洋界	300–1,900
黑头剑蛇**	<i>Sibynophis chinensis</i>	广布种	610–1,400
乌华游蛇*	<i>Sinonatrix percarinate</i>	东洋界	450–1,700
小头坭蛇**	<i>Trachischium tenuiceps</i>	东洋界	600–800
乌梢蛇*	<i>Zaocys dhumnades</i>	广布种	450–1,800

\*\*<sup>1</sup>来源于文献, \*来自作者 \*\* from literature, \* from author .