

# 中国爬行纲动物分类厘定

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**摘要:** 本文对中国爬行纲动物的分类体系和物种进行了系统的评估, 规范了中文学名, 给出了《中国爬行纲校正名录》, 结果表明: 中国现存爬行纲动物3目30科132属462种, 其中鳄形目(Crocodylia)1科1属1种, 龟鳖目(Testudines)6科18属33种, 有鳞目(Squamata)蜥蜴亚目(Lacertilia)10科41属189种, 有鳞目蛇亚目(Serpentes)13科72属239种。与《中国动物志 爬行纲 第一卷(总论、龟鳖目、鳄形目)》、《中国动物志 爬行纲 第二卷(有鳞目: 蜥蜴亚目)》和《中国蛇类》相比, 目和亚目无变化; 科级水平新增5科, 变更2科; 属级水平新增23属, 合并15属, 变更6属; 种级水平新增81种, 变动2种; 未收录同物异名12种、杂交6种、中国无分布7种。形态和分子系统发育研究结果在爬行动物不同分类阶元均有一定差异, 文章对这些争议进行了讨论, 并对名录的选择做了说明。

**关键词:** 爬行动物, 名录, 中国, 生物多样性

## A revised taxonomy for Chinese reptiles

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**Abstract:** Based on taxonomic and phylogenetic studies, we presented a comprehensive reassessment of the classification systems, updated corresponding Chinese scientific names and concluded the *Checklist of Chinese Reptilia*. Our analysis suggested that in China there are a total of 3 orders, 30 families, 132 genera, and 462 reptile species. The order Crocodylia includes one family, one genus, and one species. The order Testudines includes 6 families, 18 genera, and 33 species. The order Squamata includes the suborder Lacertilia and Serpentes. Lacertilia includes 10 families, 41 genera, and 189 species and Serpentes includes 13 families, 72 genera, and 239 species. Compared to *Fauna Sinica (Reptilia 1): General Accounts of Reptilia*, *Testudoformes and Crocodiliformes*, *Fauna Sinica (Reptilia 2): Squamata (Lacertilia)* and *Snakes of China*, we added 81 species, revised 2 species and excluded 12 synonymous, 6 hybrid, and 7 undistributed reptile species. At the genus level, there are 23 additional, 6 revised, 15 synonymous genera. At the family level, there are 5 additional and 2 revised families. There is no change at the order or suborder levels. Studies of morphology and molecular phylogeny on taxonomic categories of reptiles reflects several divergences. We discussed these controversies and explained choices of the *Checklist of Chinese Reptilia* in this article.

**Key words:** Reptilia, checklist, China, biodiversity

爬行动物是脊椎动物演化史上首次真正适应陆地环境的动物类群, 中国是少数几个同时跨越古北界与东洋界两大动物区系的国家。第三纪晚期以来发生的地质事件, 使得包括中国在内的区域气候地理环境极其复杂(张荣祖, 2011), 孕育了众多的爬行动物(Huang *et al.*, 2011; 蔡波等, 2012)。

我国爬行动物分类研究起步较晚。《中国爬行动物系统检索》是我国最早的全面而系统整理中国爬行动物的文献(四川省生物研究所两栖爬行动物研究室, 1977), 该书收录我国爬行纲动物316种, 包括鳄目(Crocodyliformes)1科2属2种, 龟鳖目(Testudoformes) 4科14属24种, 蜥蜴目(Lacertiformes)8科

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34属117种,蛇目(Serpentiformes)8科53属173种。其后,在*Herpetology of China*(Zhao & Adler, 1993)中,列举了我国爬行动物388种,其中鳄目1种、龟鳖目34种、蜥蜴目152种、蛇目201种。而后,1998–1999年出版的《中国动物志 爬行纲 第一卷(总论、龟鳖目、鳄形目)》(张孟闻等, 1998)、《中国动物志 爬行纲 第二卷(有鳞目: 蜥蜴亚目)》(赵尔宓等, 1998)和《中国动物志 爬行纲 第二卷(有鳞目: 蛇亚目)》(赵尔宓等, 1999)对我国爬行纲动物进行了更为系统的研究和整理,记录鳄形目(Crocodyliformes)2科3属3种,龟鳖目6科21属37种,将蜥蜴目与蛇目分别变更为有鳞目(Squamata)中的蜥蜴亚目(Lacertilia)和蛇亚目(Serpentes),其中蜥蜴亚目9科39属156种,蛇亚目8科64属203种。此后,《中国蛇类》(赵尔宓, 2006)、《中国贸易龟类检索图鉴》(史海涛, 2008, 2011)以及《中国龟鳖分类原色图鉴》(周婷和李丕鹏, 2013)分别对蛇亚目和龟鳖目动物进行了部分整理和总结。

随着分子生物学的发展和进步,以爬行动物为研究对象的论文和专著日渐增多,形态学与分子系统学研究的结合也将爬行动物系统发育关系梳理得更为科学合理。国际上爬行纲动物分类体系也发生了很大变化,并不断出现新分类阶元的报道(Gatesy *et al.*, 2004; Barley *et al.*, 2010; Oaks, 2011; Pyron *et al.*, 2013; Vitt & Caldwell, 2013; Dijk *et al.*, 2014; Wallach *et al.*, 2014)。而我国目前的分类体系与国际公认的分类体系间存在较大差异,未能及时反映最新的分类成果,这无疑将对我国的科学研究与学术交流、物种保护及执法等产生不利影响。因此,我们借国家环境保护部中国脊椎动物红色名录爬行纲研究项目,邀请国内相关专家对我国的爬行纲分类体系进行了厘定,并对中文学名做了必要的规范。

## 1 方法

在《中国动物志 爬行纲 第一卷(总论、龟鳖目、鳄形目)》(张孟闻等, 1998)、《中国动物志 爬行纲 第二卷(有鳞目: 蜥蜴亚目)》(赵尔宓等, 1999)和《中国蛇类》(赵尔宓, 2006)的基础上,参考了《中国贸易龟类检索图鉴》(史海涛, 2011)、《中国龟鳖分类原色图鉴》(周婷和李丕鹏, 2013)、IUCN中国爬行动物名录(2013)、中国科学院成都生物研究所两栖

爬行动物标本馆标本数据库、reptile-database.org和www.herpnet.org网站,截止到2015年4月30日,共收集各类有效信息6,700余条,形成了中国爬行动物初步编目。

在整理过程中,我们遵循新种和新记录种须有明确的分类鉴定特征、规范的模式标本描述、明确的模式标本存放地(可公开查询的标本馆、博物馆)、发表的杂志须为公开的学术刊物的原则。厘定分类体系科学性的原则为: (1)符合分类学法规; (2)大部分爬行动物分类专家认同; (3)有网评和会审过程; (4)实际考察验证。

新的分类阶元中物种中文学名的拟定原则为: (1)科学、适用; (2)历史传承; (3)符合拉丁名的原意; (4)约定俗成的习惯; (5)与形态特征吻合。

我们举行了4次网评和2次会审,反复征求国内27名两栖爬行动物分类专家的意见,最终确定有效种,剔除同物异名、杂交种、误定种等无效种,形成《中国爬行纲校正名录》(以下简称《名录》)。

## 2 结果

最初,我们初步归纳、整理截至2012年以来我国爬行纲物种517种。然后,根据第一轮评审,确定421种有效种,18种无效种,78种未予评估。而后,第二轮评审,增加了2013年以来我国发现的新种,共整理出3目30科131属461种(包括区域灭绝种2种),形成《中国生物多样性红色名录·爬行动物红色名录》(以下简称《红色名录》)。而后,我们在《红色名录》的基础上进行最后订正增删。截至2015年4月30日,最终确定我国爬行纲共有3目30科132属462种,其中鳄形目1科1属1种,龟鳖目6科18属33种,有鳞目23科113属428种(不包括区域灭绝种,见附录1)。

### 2.1 科级分类阶元调整

在《中国动物志 爬行纲 第一卷(总论、龟鳖目、鳄形目)》(张孟闻等, 1998)、《中国动物志 爬行纲 第二卷(有鳞目: 蜥蜴亚目)》(赵尔宓等, 1999)和《中国蛇类》(赵尔宓, 2006)的基础上,基于已有研究和评估,对科级分类阶元做了调整(附录2)。

新增5科,即球趾虎科(Sphaerodactylidae)(Gamble *et al.*, 2008, 2011, 2012; Pyron *et al.*, 2013)、闪皮蛇科(Xenodermatidae)、钝头蛇科(Pareatidae)、水蛇科(Homalopsidae)和鳃形蛇科(Lamprophiidae)

(Vidal *et al.*, 2007; Wiens *et al.*, 2008; Zaher *et al.*, 2009; Pyron *et al.*, 2011, 2013; Wallach *et al.*, 2014)。

将1亚科提升为科, 即将鼍亚科(Alligatorinae)提升为鼍科(Alligatoridae)(张孟闻等, 1998; Brochu, 2003; Gatesy *et al.*, 2004; Willis, 2009; Oaks, 2011; Erickson *et al.*, 2012; Jaratlerdsiri *et al.*, 2014)。变更1科, 将水龟亚科(Batagurinae)更改为地龟科(Geomydidae)(Shaffer *et al.*, 1997; 张孟闻等, 1998; Krenz *et al.*, 2005; Zhang *et al.*, 2008; Barley *et al.*, 2010; Thomson & Shaffer, 2010; Dijk *et al.*, 2014)。

## 2.2 属、种级分类阶元调整

基于已有研究和评估,《名录》与《中国动物志 爬行纲 第一卷(总论、龟鳖目、鳄形目)》相比, 龟鳖目合并3属, 新增4种, 未收录同物异名4种、杂交种6种和无分布2种; 鳄形目未收录区域灭绝种2种;《名录》与《中国动物志 爬行纲 第二卷(有鳞目: 蜥蜴亚目)》相比, 蜥蜴亚目新增6属, 合并3属, 变更4属, 新增40种, 变动1种, 未收录同物异名8种和国内无分布3种;《名录》与《中国蛇类》相比, 蛇亚目新增17属, 合并9属, 变更2属, 新增37种, 变动1种, 未收录国内无分布2种(附录3)。

### 2.2.1 龟鳖目

合并了3属。将龟属(*Chinemys*)与花龟属(*Ocadia*)并入拟水龟属(*Mauremys*)(Spinks *et al.*, 2004), 种的中文名不变; 将锯缘摄龟属(*Pyxidea*)并入闭壳龟属(*Cuora*)(Stuart & Parham, 2004; Zhang *et al.*, 2008), 锯缘摄龟(*Pyxidea mouhotii*)中文名相应变更为锯缘闭壳龟(*Cuora mouhotii*)。

新增或提升了4种。分别是东北鳖(*Pelodiscus maackii*)(Fritz & Havaš, 2007; Fritz *et al.*, 2010; 周婷和李丕鹏, 2013; Le *et al.*, 2014)、小鳖(*P. parviformis*)(唐业忠, 1997; Yang P *et al.*, 2011; 周婷和李丕鹏, 2013; Le *et al.*, 2014)、砂鳖(*P. axenaria*)(周工健等, 1991; 陈合格等, 2006; Fritz *et al.*, 2010; 周婷和李丕鹏, 2013; Le *et al.*, 2014)和欧氏摄龟(*Cyclemys oldhamii*)(Kou, 1989; Fritz *et al.*, 2008; Stuart & Fritz, 2008; 周婷和李丕鹏, 2013)。

未收录专家会评时被认为同物异名的4种。斑鳖(*Pelochelys maculatus*)被认为是斯氏鳖(*Rafetus swinhoei*)的同物异名(Le & Pritchard, 2009; 王剑等, 2010; 史海涛, 2011; 周婷和李丕鹏, 2013); 大头乌龟(*Chinemys megaloccephala*)被认为是乌龟(*Mauremys*

*reevesii*)的同物异名(Iverson *et al.*, 1989; Barth *et al.*, 2002, 2004; Feldman & Parham, 2004; Shen *et al.*, 2013); 滇南摄龟(*Cyclemys tiannanensis*)被认为是欧氏摄龟的同物异名(Fritz *et al.*, 2008; Stuart & Fritz, 2008; 周婷和李丕鹏, 2013); 越南三线闭壳龟(*Cuora cyclornata*)被认为是三线闭壳龟(*C. trifasciata*)的同物异名(Spinks & Shaffer, 2006), 后被证明为无效种(Spinks *et al.*, 2009)。

未收录专家会评时认为杂交的6种。分别是: 地龟科中的费氏花龟(*Ocadia philippeni*)、广西拟水龟(*Mauremys guangxiensis*)、艾氏拟水龟(*M. iversoni*)、拟眼斑水龟(*Sacalia pseudocellata*)(张孟闻等, 1998)、腊戍拟水龟(*Mauremys pritchardi*)和缺颌花龟(*M. glyphistoma*), 被证明分别为黄喉拟水龟(*M. mutica*)与花龟(*M. sinensis*)、黄喉拟水龟与艾氏拟水龟、黄喉拟水龟与三线闭壳龟、三线闭壳龟与四眼斑水龟(*Sacalia quadriocellata*)、乌龟(*Mauremys reevesii*)与黄喉拟水龟、花龟与安南拟水龟(*Mauremys annamensis*)产生的杂交种(Parham & Shi, 2001; Parham *et al.*, 2001; Buskirk *et al.*, 2005; Stuart & Parham, 2007; 周婷和李丕鹏, 2013)。

未收录专家会评时认为国内无分布的2种。马来闭壳龟(*Cuora amboinensis*)也称为安布闭壳龟, Pope于1935年首次提及在中国有分布, 但无详细分布信息, 而1990年后国内陆续出现该种的记载(张孟闻等, 1998), 但都与贸易相关, 且记载地点在边境附近。因此, 本文也认为安布闭壳龟在中国无分布(史海涛, 2011; 周婷和李丕鹏, 2013), 不予收录。汤俊和宗愉于1988年根据市场标本, 首次记录我国分布有齿缘摄龟(*Cyclemys dentata*); 随后, Kou (1989)发布新种滇南摄龟(*C. tiannanensis*)(被认为是欧氏摄龟的同物异名), 同时发现有齿缘摄龟, 但未说明标本来自野外采集还是市场购买。此后, 欧氏摄龟在野外被发现尚有分布(史海涛和王剑, 个人通讯), 而齿缘摄龟无可靠野外报道, 在中国分布存疑(史海涛, 2011), 因此, 本《名录》未收录该物种。

此外, 专家会评时还对鳄形目和龟鳖目一些物种的中文名做了调整, 如: *Alligator sinensis*的中文名由“鼍”变更为“扬子鳄”, *Rafetus* 属中文名规范为“斑鳖属”, *Rafetus swinhoei*中文名规范为“斑鳖”, *Pelodiscus sinensis*的中文名由“鳖”规范为“中华鳖”, *Chelonia mydas*的中文名由“海龟”规范为与体征相

符并被广泛认可的“绿海龟”，蠍龟属(*Caretta*)的物种*Caretta caretta*的中文名由“蠍龟”规范为更易读写、被广泛认可并与体征相符的“红海龟”。

## 2.2.2 有鳞目

### 2.2.2.1 蜥蜴亚目

新增、恢复或提升了6属。将原弯脚虎属(*Cyrtopodion*)分成隆趾虎属(*Altiphylax*)、中趾虎属(*Mediodactylus*)和裸趾虎属(*Cyrtodactylus*)3个属(时磊, 2010; Bauer *et al.*, 2013), 中文名也随属名作相应改变; 蜥蜴属(*Lacerta*)中拆分出了胎蜥属(*Zootoca*), 胎生蜥蜴(*Lacerta vivipara*)相应改为胎蜥(*Zootoca vivipara*) (Sindaco & Jeremčenko, 2008; Arribas, 2009; Cornetti *et al.*, 2015); 原树蜥属(*Calotes*)新拆分出了拟树蜥属(*Pseudocalotes*) (Hallermann & Böhme, 2000; Mahony, 2010; Pyron *et al.*, 2013), 中文名随属名作相应改变; 此外还增加了泛蜥属(*Ablepharus*) (时磊等, 2006)。

合并了3属。蝎虎属(*Platyurus*)被并入蜥虎属(*Hemidactylus*) (Carranza & Arnold, 2006; Pyron *et al.*, 2013), 蝎虎(*Platyurus platyurus*)中文名相应变为蝎尾蜥虎(*Hemidactylus platyurus*); 地蜥属(*Platyplacopus*)被并入草蜥属(*Takydromus*), 中文名也随属名作相应改变(Arnold, 1997; Lin *et al.*, 2002; Pyron *et al.*, 2013); 另外, 石龙子科(Scincidae)中, Pyron等(2013)发现裂睑蜥属(*Asymblepharus*)与泛蜥属(*Ablepharus*)互不为单系, 按照国际动物命名法(International Code of Zoological Nomenclature)的优先原则, 本《名录》将裂睑蜥属物种暂时并入泛蜥属(时磊, 个人通讯), 因此阿赖山裂睑蜥更名为阿赖山泛蜥(*Ablepharus alaicus*)。

变更4属。原*Eumeces*属被拆分, 分布于东亚(包括中国)与北美的“*Eumeces*”和*Neoseps*合并为*Plestiodon*属(Griffith *et al.*, 2000; Schmitz *et al.*, 2004; Brandley *et al.*, 2005, 2011, 2012; Pyron *et al.*, 2013), 该属继续沿用中文属名“石龙子属”, 属下种中文名不变; 原*Riopa*属东南亚的一支全部归入蜥蜴属(*Lygosoma*) (Geissler *et al.*, 2011, 2012; Pyron *et al.*, 2013), 原中文种名“侏蜥”不变; 原*Mabuya*属亚洲一支全部归入*Eutropis*属(Ota & Huang, 2000; Mausfeld *et al.*, 2002; Pyron *et al.*, 2013), 继续沿用中文属名“南蜥属”, 属下种中文名不变; 蛇蜥科中, 《中国动物志》中脆蛇属(*Ophisaurus*)变动为脆蛇蜥

属(*Dopasia*) (Conrad *et al.*, 2011; Nguyen *et al.*, 2011; Pyron *et al.*, 2013), 属下种中文名相应改变。

新增、恢复或提升了40种。分别是: 大敦弯脚虎(*Cyrtopodion dadunensis*) (Shi & Zhao, 2011)、瓦氏裸趾虎(*Cyrtodactylus wayakonei*) (Nguyen *et al.*, 2010; Yuan & Rao, 2011)、赵氏裸趾虎(*C. zhaoermii*) (Shi & Zhao, 2010)、缅北蜥虎(*Hemidactylus aquilonius*) (McMahan & Zug, 2007; Bauer *et al.*, 2010)、锯尾蜥虎(*H. garnotii*) (蒋爱伍等, 2006; 杨大同和饶定齐, 2008)、半叶趾虎(*Hemiphyllodactylus typus*) (吕光洋等, 1999; 向高世等, 2009)、梅氏壁虎(*Gekko melli*) (Ota *et al.*, 1995; Rösler *et al.*, 2011; Yang *et al.*, 2012)、海南壁虎(*G. similignum*) (Ota *et al.*, 1995; Rösler *et al.*, 2011)、文县壁虎(*G. wenxianensis*) (Zhou & Wang, 2008; Nguyen *et al.*, 2013)、鹰氏壁虎(*G. adleri*) (Nguyen *et al.*, 2013)、吐鲁番沙虎(*Teratoscincus roborowskii*) (Macey *et al.*, 1997, 1999; Rösler, 2000)、越南石龙子(*Plestiodon tamdaoensis*) (Hikida *et al.*, 2001)、北部湾蜓蜥(*Sphenomorphus tonkinensis*) (Wang *et al.*, 2013b)、沙地泛蜥(*Ablepharus deserti*) (时磊等, 2006)、喀什麻蜥(*Eremias buechneri*) (Szczerbak & Golubev, 2003; Sindaco & Jeremčenko, 2008)、方额麻蜥(*E. quadri-frons*) (Zhao & Adler, 1993; Sindaco & Jeremčenko, 2008; Guo XG *et al.*, 2011)、汶川攀蜥(*Japalura zhaoermii*) (高正发和侯勉, 2002; Manthey *et al.*, 2012)、巴塘攀蜥(*J. batangensis*) (李操等, 2001; 巫嘉伟等, 2005; Manthey *et al.*, 2012)、宜兰攀蜥(*J. huei*) (Ota *et al.*, 1998; 吕光洋等, 1999; 向高世等, 2009)、绿背攀蜥(*J. sagittifera*) (Kunte & Manthey, 2009)、雾林攀蜥(*J. tricarinata*) (Macey *et al.*, 2000; Kunte & Manthey, 2009)、短尾攀蜥(*J. brevicauda*) (Manthey *et al.*, 2012)、玉龙攀蜥(*J. yulongensis*) (Manthey *et al.*, 2012)、贵德沙蜥(*Phrynocephalus putjatai*) (王跃招等, 2002; Ananjeva *et al.*, 2011; Jin & Brown, 2013)、贵南沙蜥(*P. guinanensis*) (Ji *et al.*, 2009)。原*Goniurosaurus lichtenfelderi*被拆分为多个物种, 我国新增或提升了海南睑虎(*Goniurosaurus hainanensis*) (Blair *et al.*, 2009; 张洁等, 2014)、凭祥睑虎(*G. luii*) (Grismer *et al.*, 1999; 张洁等, 2014)、霸王岭睑虎(*G. bawanglingensis*) (Grismer *et al.*, 2002; 张洁等, 2014)、英德睑虎(*G. yingdeensis*) (Wang *et al.*,

2010; 张洁等, 2014)和荔波睑虎(*G. liboensis*)(Wang *et al.*, 2013a; 张洁等, 2014), 以及未列入《红色名录》而增补进《名录》的越南睑虎(*G. araneus*)(Chen TB *et al.*, 2014)和蛰龙睑虎(*G. zhelongi*)(Wang YY *et al.*, 2014; 张洁等, 2014), 因此, 我们采纳张洁等(2014)的意见, 将*G. lichtenfelderi*原中文名由“睑虎”规范为“里氏睑虎”。密点麻蜥莎车亚种(*Eremias multiocellata yarkandensis*)、密点麻蜥科克沙尔亚种(*E. m. kokshaaliensis*)和密点麻蜥天山亚种(*E. m. stummeri*)被提升为莎车麻蜥(*E. yarkandensis*)、科克沙尔麻蜥(*E. kokshaaliensis*)和天山麻蜥(*E. stummeri*)(Jeremčenko & Panfilov, 1999; Ananjeva *et al.*, 2006; Sindaco & Jeremčenko, 2008), 本名录采用该观点。杨大同和饶定齐(2008)认为孟加拉巨蜥指名亚种(*Varanus bengalensis bengalensis*)伊江居群应提升为种伊江巨蜥(*V. irrawadicus*), 专家会评时采纳该意见。乌拉尔沙蜥伊犁亚种(*Phrynocephalus guttatus alpherakii*)和乌拉尔沙蜥黑腹亚种(*P. g. melanurus*)提升为伊犁沙蜥(*P. alpherakii*)(Дунаев, 1989; Ananjeva *et al.*, 2011; Соловьева *et al.*, 2011; Milto & Barabanov, 2012)和黑腹沙蜥(*P. melanurus*)(Дунаев, 1989; Barabanov & Ananjeva, 2007; Ananjeva *et al.*, 2011; Соловьева *et al.*, 2011; Milto & Barabanov, 2012)。大壁虎黑疣亚种(*Gekko gekko reevesii*)被提升为黑疣大壁虎(*G. reevesii*)(杜世章等, 2002; 秦新民等, 2007a, b; Rösler *et al.*, 2011; 邓欢欢等, 2011), 被专家会评时采纳。原地蜥属中, 台湾地蜥(*Platyplacopus kuehnei*)被拆分出了鹿野草蜥(*Takydromus huyeanus*)和翠斑草蜥(*T. viridipunctatus*)(Arnold, 1997; Lin *et al.*, 2002; Lue & Lin, 2008; 向高世等, 2009; Pyron *et al.*, 2013), 而*Takydromus kuehnei*中文名依照台湾名称由“台湾草蜥”改为“古氏草蜥”。

种的属级分类阶元变动1种。杨大同和饶定齐(2008)认为原西藏树蜥巴坡亚种(*Pseudocalotes kingdonwardi bapoensis*)应归入攀蜥属(*Japalura*), 变更为独龙江攀蜥(*Japalura bapoensis*), 专家会评时采纳该建议。

未收录专家会评时被认为是同物异名的8种。台湾脆蛇(*Ophisaurus formosensis*)被认为是脆蛇蜥(*Dopasia harti*)的同物异名(Lin *et al.*, 2003; Pyron *et al.*, 2013); 塔里木岩蜥(*Paralaudakia tarimensis*)被

认为是新疆岩蜥(*P. stoliczkan*)的同物异名(Peters, 1971; Baig *et al.*, 2012); 红原沙蜥(*Phrynocephalus hongyuanensis*)被认为是青海沙蜥(*P. vlangalii*)的同物异名(王跃招等, 2002; Guo & Wang, 2007; Ananjeva *et al.*, 2011; Guo XG *et al.*, 2012); 泽当沙蜥(*P. zetangensis*)被认为是西藏沙蜥(*P. theobaldi*)的同物异名(Guo & Wang, 2007; Jin *et al.*, 2008; Ananjeva *et al.*, 2011; Guo XG *et al.*, 2012); 白梢沙蜥(*P. koslowi*)被认为是叶城沙蜥(*P. axillaris*)的同物异名(Barabanov & Ananjeva, 2007; Ananjeva *et al.*, 2011); 无斑沙蜥(*P. immaculatus*)是变色沙蜥(*P. versicolor*)的同物异名(Barabanov & Ananjeva, 2007; Ananjeva *et al.*, 2011); 草原沙蜥(*P. frontalis*)是荒漠沙蜥(*P. przewalskii*)的同物异名(Gozdzik & Fu, 2009; Ananjeva *et al.*, 2011); 白条沙蜥(*P. albolineatus*)是乌拉尔沙蜥黑腹亚种的同物异名(Дунаев, 1989; Barabanov & Ananjeva, 2007; Ananjeva *et al.*, 2011; Соловьева *et al.*, 2011; Milto & Barabanov, 2012)。

未收录专家会评时认为国内无分布的3种。翠蜥属(*Lamprolepis*)的翠蜥(*L. smaragdina*)在台湾的唯一记录是Stejneger在1910年报道的动物标本商收集的一只幼体(向高世和林松霖, 2001), 该记录点的地理位置和生境与翠蜥分布并不一致(Perry & Buden, 1999; Linkem *et al.*, 2012), 加之1910年以后在台湾没有被再次发现, 该种在台湾的分布是误记(周文豪, 林思民, 陈俊海, 个人通讯), 《台湾两栖爬行动物图鉴》和《台湾两栖爬行类图鉴》也未收录(吕光洋等, 1999; 向高世等, 2009), 因此国内无翠蜥属物种分布。莎车隆趾虎(旧称南疆裸趾虎或莎车裸趾虎 *Altiphylax yarkandensis*)被认为是宽斑隆趾虎(*Altiphylax stoliczkai*)的同物异名或在中国无分布(时磊, 2010; Bauer *et al.*, 2013), 因此莎车隆趾虎未被收录。球趾虎科的托克逊沙虎(*Teratoscincus toksunicus*)被认为是争议种(陈彬和王跃招, 2001)或是吐鲁番沙虎的同物异名(Macey *et al.*, 1997), 该种也未被收录。

#### 2.2.2.2 蛇亚目

新增、恢复或提升了17属。原竹叶青蛇属(*Trimeresurus*)中拆分出了绿蝮属(*Viridovipera*)、喜山蝮属(*Himalayophis*)和华蝮属(*Sinovipera*)3个属(Malhotra & Thorpe, 2004; 郭鹏, 2005; Dawson *et al.*, 2008; Guo *et al.*, 2010; Guo & Wang, 2011; Pyron

*et al.*, 2013), 中文名随属名作相应改变。多项研究证明原锦蛇属(*Elaphe*)不是单系, 据此《名录》新增增加了三索蛇属(*Coelognathus*)(Helfenberger, 2001; Utiger *et al.*, 2005; Burbrink & Lawson, 2007; Pyron *et al.*, 2013)、晨蛇属(*Orthriophis*)(Utiger *et al.*, 2002, 2005; Burbrink & Lawson, 2007; Pyron *et al.*, 2013)、紫灰蛇属(*Oreocryptophis*)(Utiger *et al.*, 2005; Pyron *et al.*, 2013)、玉斑蛇属(*Euprepophis*)(Utiger *et al.*, 2002, 2005; Burbrink & Lawson, 2007; Pyron *et al.*, 2013; Chen *et al.*, 2014a)和绿蛇属(*Rhadinophis*)(Burbrink & Lawson, 2007; Pyron *et al.*, 2013), 中文名随属名变动作相应改变。Schulz等(2011)对方花小头蛇(*Oligodon bellus*)研究后发现该种与小头蛇属不在同一支系, 并以该种为模式物种建立了方花蛇属(*Archelaphe*), 专家会评时采纳该意见。王小荷(2014)研究表明宁陕小头蛇(*Oligodon ningshaanensis*)无论是从线粒体基因和核基因所表现的系统发育方面, 还是初步探讨其食性、半阴茎方面都表现出与食螺蛇亚科(*Dipsadinae*)关系密切, 因此建立以该蛇为模式物种的线形蛇属(*Stichophanes*) (Wang XH *et al.*, 2014), 该蛇更名为宁陕线形蛇(*Stichophanes ningshaanensis*), 本名录采纳该建议。原广义游蛇属(*Coluber sensu lato*)中, 黄脊游蛇(*Coluber spinalis*)被归入鞭蛇属(*Hierophis*), 称为黄脊鞭蛇(*Hierophis spinalis*)(Nagy *et al.*, 2003), 但更多基因位点的研究认为*Hierophis*并不是单系(Nagy *et al.*, 2004), 之后Kharin (2009)将黄脊游蛇作为模式种建立了东方蛇属(*Orientocoluber*), 专家会评时采纳该结果。我国原游蛇属中的花脊游蛇(*Coluber ravergeri*), 多被认为应归入秘纹蛇属(*Hemorrhois*), 称为秘纹蛇(*Hemorrhois ravergeri*)(Nagy *et al.*, 2004; Schätti & Monsch, 2004; Pyron *et al.*, 2013), 名录采纳该项研究, 因此游蛇属物种在我国已无分布。分子系统进化关系显示原腹链蛇属(*Amphiesma*)物种不形成单系, 该类群至少包含3个种组(Guo *et al.*, 2014), 从而Guo等(2014)恢复了东亚腹链蛇属(*Hebius*)和喜山腹链蛇属(*Herpetoreas*), 因此, 本名录采纳该结果, 将原广义腹链蛇属拆分为3属(*Amphiesma*、*Hebius*、*Herpetoreas*), 中文名不变。分子系统发育研究显示原水蛇属(*Enhydryis*)不是单系(Kumar *et al.*, 2012; Pyron *et al.*, 2013), 从而Kumar等(2012)在此基础上结合形态学研究以中国

水蛇(*Enhydryis chinensis*)为模式建立了沼蛇属(*Myrrophis*), 之后, Murphy和Voris (2014)分别以铅色水蛇(*Enhydryis plumbea*)和腹斑水蛇(*E. bocourti*)为模式种建立了铅色蛇属(*Hypsiscopus*)和腹斑蛇属(*Subsessor*), 本名录采纳该研究结果, 种的中文名随属名作相应改变。

合并了9属。莽山烙铁头蛇属(*Zhaoermia*)被并入原矛头蝮属(*Protobothrops*)(Guo *et al.*, 2007; Guo P *et al.*, 2012), 中文名也随属名作相应改变; 棘毗海蛇属(*Acalyptophis*)、棘鳞海蛇属(*Astrotia*)、平颞海蛇属(*Lapemis*)、长吻海蛇属(*Pelamis*)、海蝰属(*Praescutata*)和截吻海蛇属(*Kerilia*)被并入海蛇属(*Hydrophis*) (Pyron *et al.*, 2013; Sanders *et al.*, 2013), 中文名不变。链蛇属(*Dinodon*)被并入白环蛇属(*Lycodon*) (Guo *et al.*, 2013; Pyron *et al.*, 2013; Siler *et al.*, 2013), 由于眼镜蛇科中*Bungarus*属的中文名为“环蛇属”, 为避免中文名混淆, 会评专家同意将“链蛇属”中文名保留给*Lycodon*, “白环蛇属”名称废弃, 除*Lycodon septentrionalis*(根据拉丁文原意, *septentrionalis*有北方的意思, 因此中文名“白链蛇”废弃) 中文名改为“北链蛇”之外, 其他种中文名随属名作相应改变。乌梢蛇属(*Zaocys*)被认为应并入鼠蛇属(*Ptyas*)(David & Das, 2004; Utiger *et al.*, 2005), 黄松(个人通讯)认为乌梢蛇属物种间在形态和生理上存在部分差异, 建议继续保留乌梢蛇属各种的中文名以示区别, 专家会评时采纳该建议。

变更2属。Hedges等(2014)利用分子系统发育关系对盲蛇科研究后, 建立亚洲盲蛇属(*Asiatyphlops*)和印度盲蛇属(*Indotyphlops*)。但Pyron和Wallach (2014)认为按照国际动物命名法的优先原则, *Asiatyphlops*属无效, 因为东南亚盲蛇属(*Argyrophis*)占先(Gray, 1845), 因此, 名录采纳Pyron和Wallach(2014)的研究, 将我国盲蛇科原有的钩盲蛇属(*Ramphotyphlops*)和盲蛇属(*Typhlops*), 更改为印度盲蛇属和东南亚盲蛇属, 原中文名不变。

新增、恢复或提升了37种。如: 黑顶钝头蛇(*Pareas nigriceps*)(Guo & Deng, 2009)、大别山原矛头蝮(*Protobothrops dabieshanensis*)(Huang X *et al.*, 2012; Zhang *et al.*, 2013)、喜山原矛头蝮(*P. himalayanus*)(Pan *et al.*, 2013)、角原矛头蝮(*P. cornutus*)(龚世平等, 2010)、茂兰原矛头蝮(*P. maolanensis*)(Yang *et al.*, 2011a; Liu *et al.*, 2012)、冈氏绿蝮

(*Viridovipera gumprechtii*)(David *et al.*, 2002; Malhotra & Thorpe, 2004; 郭鹏, 2005; Dawson *et al.*, 2008; Guo *et al.*, 2010; Guo & Wang, 2011; Pyron *et al.*, 2013)、四川华蝮(*Sinovipera sichuanensis*)(Guo & Wang, 2011)、庙岛蝮(*Gloydus lijianlii*)(江帆和赵尔宓, 2009)、坎氏晨蛇(*Orthriophis cantoris*)(Utiger *et al.*, 2005; 罗伟雄等, 2014)、若尔盖锦蛇(*Elaphe zoigeensis*)(Huang S *et al.*, 2012)、云南华游蛇(*Sinonatrix yunnanensis*)(Rao & Yang, 1998; 杨大同和饶定齐, 2008)、福清链蛇(*Lycodon futsingensis*)(Vogel *et al.*, 2009; Guo *et al.*, 2013)、东川链蛇(*L. synaptor*)(Vogel & David, 2010)、刘氏链蛇(*L. liuchengchaoi*)(Zhang *et al.*, 2011)、贡山链蛇(*L. gongshan*)(Vogel & Luo, 2011)、刘氏后棱蛇(*Opisthotropis laui*)(Yang *et al.*, 2013)、黄斑后棱蛇(*O. maculosa*)(Stuart & Chuaynkern, 2007; Yang *et al.*, 2011b)、香港过树蛇(*Dendrelaphis hollinrakei*)(Lazell, 2002)、黄斑异色蛇(*Xenochrophis flavipunctatus*)(Vogel & David, 2006; Vidal *et al.*, 2007)、四川温泉蛇(*Thermophis zhaoermii*)(Guo *et al.*, 2008)、方斑小头蛇(*Oligodon nagao*)(David *et al.*, 2012)和束纹小头蛇(*O. fasciolatus*)(张君等, 2011), 以及未列入《红色名录》而增补进《名录》的广东颈槽蛇(*Rhabdophis guangdongensis*)(Zhu *et al.*, 2014)、察隅腹链蛇(*Herpetoreas burbrinki*)(Guo *et al.*, 2014)和香格里拉温泉蛇(*Thermophis shangrila*)(Peng *et al.*, 2014)。根据相关研究, 会评专家同意将红沙蟒-东方沙蟒复合体(*Eryx miliaris-tataricus* complex)在我国重新恢复为红沙蟒(*E. miliaris*)和东方沙蟒(*E. tataricus*), 将台湾钝头蛇-中国钝头蛇复合体(*Pareas formosensis-chinensis* complex)重新恢复为中国钝头蛇(*P. chinensis*)和台湾钝头蛇(*P. formosensis*)(Guo YH *et al.*, 2011); 将蚺属(*Python*)中蚺双带亚种(*Python molurus bivittatus*)提升为种*Python bivittatus*(Jacobs *et al.*, 2009), 按传统叫法将原中文名“蚺”重新规定为“蟒”; 圆斑蝰泰国亚种(*Daboia russellii siamensis*)提升为泰国圆斑蝰(*D. siamensis*)(Thorpe *et al.*, 2007), 草原蝰东方亚种(*Vipera ursinii renardi*)提升为东方蝰(*V. renardi*)(Herrmann *et al.*, 1992; Gvozdk *et al.*, 2012), 山烙铁头蛇台湾亚种(*Ovophis monticola makazayazaya*)提升为台湾烙铁头蛇(*O. makazayazaya*) (Mal-

hotra *et al.*, 2011), 将赤链蛇南方亚种(*Dinodon rufozonatum meridionale*)提升为南方链蛇(*Lycodon meridionale*)(Orlov & Ryabov, 2004; 罗键等, 2010)。根据相关研究, 会评专家同意恢复高原蝮(*Gloydus strauchi*)种组中的雪山蝮(*G. monticola*)、六盘山蝮(*G. liupanensis*)、秦岭蝮(*G. qinlingensis*)(Xu *et al.*, 2012)。Orlov等(2013)将白头蝰属(*Azemiops*)物种拆分为两种, 大致以越南的河内以及中国昆明和攀枝花为界, 以东为新种*Azemiops kharini*, 该种主要在中国分布, 且该类群在未拆分前就因头部特征被称之为“白头蝰”, 因此, 将其中文名冠以“白头蝰”; 以西为*Azemiops feae*, 中文名则改为“黑头蝰”。将台湾华珊瑚蛇(*Sinomicrurus sauteri*)拆分出新种羽鸟氏华珊瑚蛇(*S. hatori*), 原*S. sauteri*的中文名“台湾华珊瑚蛇”已不合适, 则沿用台湾名称“梭德氏华珊瑚蛇”(Ota *et al.*, 1999; Slowinski *et al.*, 2001; 向高世等, 2009)。

种的属级分类阶元变动1种。Lei等(2014)认为横纹小头蛇(*Oligodon multizonatus*)应该归入链蛇属(*Lycodon*), 改为横纹链蛇(*Lycodon multizonatum*), 专家会评时采纳该建议。

未收录专家会评时认为国内无分布的2种。张君等(2011)查看中国四线小头蛇(*Oligodon quadrilineatus*)和管状小头蛇(*O. cyclurus*)新记录所依据的标本, 并对照国内外该属物种相关描述后, 认为四线小头蛇与管状小头蛇实际应该分别为紫棕小头蛇(*Oligodon cinereus*)和束纹小头蛇(*O. fasciolatus*), 从而认为四线小头蛇与管状小头蛇在中国无分布, 专家会评时采纳该结果。

此外, 专家会评时还对蛇亚目一些物种的中文名作了调整。评审专家根据*Xenochrophis*拉丁名原意以及形态特征, 建议将原中文名“渔游蛇属”改为“异色蛇属”, 名录采纳。

本名录未收录区域灭绝种, 如食鱼鳄科(Gavialidae)切喙鳄属(*Tomistoma*)的马来切喙鳄(*Tomistoma schlegelii*)和鳄科(Crocodylidae)鳄属(*Crocodylus*)的湾鳄(*Crocodylus porosus*)(张孟闻等, 1998)。也未收录外来物种, 如佛罗里达鳖(*Apalone ferox*)、彩龟红耳亚种(*Trachemys scripta elegans*)等。

### 3 讨论

确立爬行纲各物种系统发育关系有利于分类



学研究。然而形态与分子系统发育研究结果差异很大,尤其是科级以上分类阶元。

### 3.1 目、亚目级分类阶元的争议

近年来分子系统学研究认为爬行纲是并系群(Hedges & Poling, 1999; Lu *et al.*, 2013), 龟鳖目、喙头目(Rhynchocephalia)、有鳞目和鳄形目为单系群,但各目之下亚目的划分存在争议(Fujita *et al.*, 2004; Townsend *et al.*, 2004; Barley *et al.*, 2010; Oaks, 2011; Pyron *et al.*, 2013; Jaratlerdsiri *et al.*, 2014), 特别是有鳞目亚目的划分存在较大分歧(Townsend *et al.*, 2004; Conrad, 2008; Pyron *et al.*, 2013), 主要体现在分子系统学与形态学研究结果的不一致上。因此本文在目与亚目级别采用经典分类体系(Zug *et al.*, 2001; Vidal & Hedges, 2005; Lillywhite & Wray, 2008; Vitt & Caldwell, 2013; Dijk *et al.*, 2014), 即中国爬行纲包括鳄形目、龟鳖目与有鳞目(蜥蜴亚目和蛇亚目)。

有鳞目方面,目前形态和分子生物学研究认为应将其分为鬣蜥-硬舌类(Iguania-Scleroglossa)、壁虎类(Gekkota)、石龙子类(Scincomorpha)、蛇蜥类(Anguimorpha)、蚓蜥类(Amphisbaenia)、蜥蜴类(Lacertoidea)、蛇类(Serpentes)和其他总科(Townsend *et al.*, 2004; Lee, 2005; Conrad, 2008; Wiens *et al.*, 2010; Gauthier *et al.*, 2012; Pyron *et al.*, 2013), 并且其分类阶元随着研究方法的不同有亚目、下目(Infraorder)和总科的变动,但学界目前尚无统一认识。有鳞目科级以上分类阶元之间有较大争议,尤其是蜥蜴亚目和蚓蜥亚目(Amphisbaenia) (Townsend *et al.*, 2004; Conrad, 2008; 芮金龙等, 2009; Pyron *et al.*, 2013)。

### 3.2 科级分类阶元的争议

蜥蜴亚目方面,越来越多的研究认为传统分类学上的蜥蜴亚目是并系群,科级分类阶元之间的系统发育关系也存在较大分歧(Townsend *et al.*, 2004; Lee, 2005; Conrad, 2008; Wiens *et al.*, 2010; Gauthier *et al.*, 2012; Pyron *et al.*, 2013)。近年来,分子系统学研究更多认为双足蜥科(Dibamidae)是现生有鳞目动物中最原始的类群,其次是广义壁虎科(Gekkonidae sensu lato)和石龙子科(Townsend *et al.*, 2004; Pyron *et al.*, 2013)。目前普遍认为广义壁虎科应包括睑虎科(Eublepharidae)、球趾虎科、壁虎科(Gekkonidae)、叶趾虎科(Phyllodactylidae)、鳞脚虎

科(Pygopodidae)、藁趾虎科(Carphodactylidae)和澳虎科(Diplodactylidae) (Gamble *et al.*, 2008, 2011, 2012; Pyron *et al.*, 2013)。

蛇亚目中,近年来无论是形态学还是分子系统学的研究,都认为蛇亚目是单系群(Townsend *et al.*, 2004; Conrad, 2008; Pyron *et al.*, 2013)。科级分类阶元方面,不少研究认为原游蛇科(Colubridae)不是单系,而应该被拆分为游蛇科(Colubridae)、闪皮蛇科、钝头蛇科、水蛇科和鳗形蛇科等(Vidal *et al.*, 2007; Wiens *et al.*, 2008; Zaher *et al.*, 2009; Pyron *et al.*, 2011, 2013)。

### 3.3 属、种级分类阶元的争议

蜥蜴亚目中,壁虎科的墨脱弯脚虎(*Cyrtopodion medogensis*)是一个单独的进化支系,究竟是属于裸趾虎属还是弯脚虎属,目前尚无定论(时磊, 2010),因此本文将其暂时归入弯脚虎属(Shi & Zhao, 2011; Bauer *et al.*, 2013)。石龙子科的锡金滑蜥(*Scincella sikimmensis*)、拉达克滑蜥(*S. ladacensis*)和喜山滑蜥(*S. himalayanus*)被认为应归属滑蜥属(王跃招和赵尔宓, 1986; Murthy, 2010),或裂睑蜥属(Sindaco & Jeremčenko, 2008; Venugopal, 2010),或喜山蜥属(*Himalblepharus*)(Jeremčenko, 1987; Sindaco & Jeremčenko, 2008),但分子系统学研究结果显示锡金滑蜥可与滑蜥属物种聚合在一起(Pyron *et al.*, 2013),鉴于裂睑蜥属不是单系(Pyron *et al.*, 2013),因此本文暂将这3个种保留在滑蜥属。鬣蜥科中,岩蜥属(*Lacerta*)物种曾被归为岩蜥属、星蜥属(*Stellagama*)和拟岩蜥属(*Paralaudakia*)(Baig *et al.*, 2012),但黄松(个人通讯)认为该文无分子数据,加之形态上三属区别较弱,建议维持原岩蜥属不变,专家会评时采纳该建议;沙蜥属中, Jin等(2013)认为贵南沙蜥可与贵德沙蜥聚合在一起,但计翔认为(个人通讯)对贵南沙蜥和贵德沙蜥的抽样和分子标记不同会得出不同的结论,他们的研究认为贵南沙蜥在形态和空间分布上介于青海沙蜥和贵德沙蜥之间,贵南沙蜥因适应特殊生境而导致物种分化,是贵德沙蜥的后裔,为探讨高原隆起环境变化所致的生态物种分化提供了示例。专家会评时采纳计翔的建议暂时认为贵南沙蜥有效。

蛇亚目的蝰科中,分子系统学研究显示,原广义竹叶青蛇属(*Trimeresurus sensu lato*)中的台湾竹叶青蛇(*Trimeresurus gracilis*)和冲绳烙铁头蛇



(*Ovophis okinavensis*)是姊妹种, 且与亚洲蝮属(*Gloydius*)中物种的亲缘关系较近, 与竹叶青蛇属和烙铁头蛇属(*Ovophis*)的关系较远(Dawson *et al.*, 2008; Guo *et al.*, 2010; Pyron *et al.*, 2013), 但目前尚无形态和其他系统学方面的专门研究, 因此本文暂将其保留在广义竹叶青蛇属中; 另外, Malhotra和Thorpe(2004)认为白唇竹叶青蛇(*Trimeresurus albolabris*)应当归入腺蝮属(*Cryptelytrops*), 但David等(2011)认为该属无效, 应该保留在竹叶青属(亚属)(*Trimeresurus*)中, 因此名录采纳该建议。游蛇科中, 原锦蛇属的绿锦蛇(*Elaphe prasina*)和灰腹绿锦蛇(*E. frenata*)被归入绿蛇属, 称为绿蛇(*R. prasinus*)和灰腹绿蛇(*R. frenatus*)(Burbrink & Lawson, 2007), Chen等(2014b)进一步研究认为绿蛇、灰腹绿蛇和尖喙蛇(*Rhynchophis boulengeri*)应该归入树栖蛇属(*Gonyosoma*), 但因该文尚未涉及原树栖蛇属所有物种形态学和分子生物学的研究, 因此, 本文暂未采纳该建议; 滇西蛇(*Atretium yunnanensis*)在一些分子系统学研究中显示聚合在异色蛇属(*Xenochrophis*)中(Pyron *et al.*, 2013), 但目前该种形态学和系统发育学证据不充分, 因此我们暂采取保守的办法, 保留原分类地位不变(郭鹏, 个人通讯)。

除了分类学方面的问题, 部分物种首次记录源于市场收购或被发现于码头等货运地段等, 而多年后均无再次记录, 尤其是壁虎科和龟鳖目物种。其在国内存在与否, 有待更深一步的调查研究。因此, 我们将这些种类列为存疑种。

在不同生物类群、不同分类学家对种的标准有不同认识。对于一个分类单元的分合与有效性, 往往较难取得一致意见, 本名录通过多次网评和会评, 邀请爬行动物分类专家对中国爬行动物的分类体系和物种进行了系统的评估, 形成了较统一的认识, 缩小了我国爬行动物分类体系与国际公认的分类体系间的差异, 获得了目前中国爬行动物多样性最新最全面的数据。同时, 我们建议, 成立由爬行动物分类学专家学者组成的全国的爬行动物物种委员会, 定期评估新种新记录种及新的分类变动等, 规范中文名称, 形成意见统一的爬行动物名录, 以便科学研究与传播和物种保育。

目前, 我国爬行动物生存状况不容乐观, 不少物种处于受威胁状态, 导致个别类群分类研究难以开展, 尤其是龟鳖的分类研究困难重重。我们应该

重视广泛收集物种种群变化数据, 定期评估物种受胁状况, 为国家生物多样性保育建言献策, 以改善爬行动物生存状况。

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## 参考文献

- Ananjeva NB, Guo XG, Wang YZ (2011) Taxonomic diversity of agamid lizards (Reptilia, Sauria, Acrodonta, Agamidae) from China: a comparative analysis. *Asian Herpetological Research*, **2**, 117–128.
- Ananjeva NB, Orlov NL, Khalikov RG, Darevsky IS, Ryabov IS, Barabanov AV (2006) *The Reptiles of Northern Eurasia: Taxonomic Diversity, Distribution, Conservation Status*. Pensoft Publishers, Moscow.
- Arnold E (1997) Interrelationships and evolution of the east Asian grass lizards, *Takydromus* (Squamata: Lacertidae). *Zoological Journal of the Linnean Society*, **119**, 267–296.
- Arribas OJ (2009) Morphological variability of the Cantabro-Pyrenean populations of *Zootoca vivipara* (Jacquin, 1787) with description of a new subspecies. *Herpetozoa*, **21**, 123–146.
- Baig KJ, Wagner P, Ananjeva NB, Boehme W (2012) A morphology-based taxonomic revision of *Laudakia* Gray, 1845 (Squamata: Agamidae). *Vertebrate Zoology*, **62**, 213–260.
- Barabanov AV, Ananjeva NB (2007) Catalogue of the available scientific species-group names for lizards of the genus *Phrynocephalus* Kaup, 1825 (Reptilia, Sauria, Agamidae). *Zootaxa*, **1399**, 1–56.
- Barley AJ, Spinks PQ, Thomson RC, Shaffer HB (2010) Fourteen nuclear genes provide phylogenetic resolution for difficult nodes in the turtle tree of life. *Molecular Phylogenetics and Evolution*, **55**, 1189–1194.
- Barth D, Bernhard D, Fritzsche G, Fritz U (2004) The freshwater turtle genus *Mauremys* (Testudines, Geoemydidae)—a textbook example of an east–west disjunction or a taxonomic misconception? *Zoologica Scripta*, **33**, 213–221.
- Barth D, Bernhard D, Guicking D, Stock M, Fritz U (2002) Is *Chinemys megaloccephala* Fang, 1934 a valid species? New insights based on mitochondrial DNA sequence data. *Salamandra Rheinbach*, **38**, 233–244.
- Bauer AM, Jackman TR, Greenbaum E, Giri VB, de Silva A (2010) South Asia supports a major endemic radiation of *Hemidactylus* geckos. *Molecular Phylogenetics and Evolu-*

- tion, **57**, 343–352.
- Bauer AM, Masroor R, Titus-Mcquillan J, Heinicke MP, Daza JD, Jackman TR (2013) A preliminary phylogeny of the Palearctic naked-toed geckos (Reptilia: Squamata: Gekkoniidae) with taxonomic implications. *Zootaxa*, **3599**, 301–324.
- Blair C, Orlov NL, Shi H, Murphy RW (2009) A taxonomic re-evaluation of *Goniurosaurus hainanensis* (Squamata: Eublepharidae) from Hainan Island, China. *Russian Journal of Herpetology*, **16**, 35–40.
- Brandley MC, Ota H, Hikida T, de Oca ANM, Ferial-Ortiz M, Guo XG, Wang YZ (2012) The phylogenetic systematics of blue-tailed skinks (*Plestiodon*) and the family Scincidae. *Zoological Journal of the Linnean Society*, **165**, 163–189.
- Brandley MC, Schmitz A, Reeder TW (2005) Partitioned Bayesian analyses, partition choice, and the phylogenetic relationships of scincid lizards. *Systematic Biology*, **54**, 373–390.
- Brandley MC, Wang YZ, Guo XG, de Oca ANM, Ferial-Ortiz M, Hikida T, Ota H (2011) Accommodating heterogeneous rates of evolution in molecular divergence dating methods: an example using intercontinental dispersal of *Plestiodon* (*Eumeces*) lizards. *Systematic Biology*, **60**, 3–15.
- Brochu CA (2003) Phylogenetic approaches toward crocodylian history. *Annual Review of Earth and Planetary Sciences*, **31**, 357–397.
- Burbrink FT, Lawson R (2007) How and when did Old World ratsnakes disperse into the New World? *Molecular Phylogenetics and Evolution*, **43**, 173–189.
- Buskirk JR, Parham JF, Feldman CR (2005) On the hybridisation between two distantly related Asian turtles (Testudines: *Sacalia* × *Mauremys*). *Salamandra Rheinbach*, **41**, 21.
- Cai B (蔡波), Huang Y (黄勇), Chen YY (陈跃英), Hu JH (胡军华), Guo XG (郭宪光), Wang YZ (王跃招) (2012) Geographic patterns and ecological factors correlates of snake species richness in China. *Zoological Research* (动物学研究), **33**, 343–353. (in Chinese with English abstract)
- Carranza S, Arnold E (2006) Systematics, biogeography, and evolution of *Hemidactylus* geckos (Reptilia: Gekkonidae) elucidated using mitochondrial DNA sequences. *Molecular Phylogenetics and Evolution*, **38**, 531–545.
- Chen B (陈彬), Wang YZ (王跃招) (2001) Advances of systematic research on *Teratoscincus* (Gekkonidae). *Sichuan Journal of Zoology* (四川动物), **20**, 70–73. (in Chinese with English abstract)
- Chen HG (陈合格), Liu WB (刘文彬), Li JZ (李建中), Zhang XJ (张轩杰) (2006) Comparative analysis of mitochondrial DNA *Cyt b* gene and their molecular identification markers in three species of soft-turtles. *Acta Hydrobiologica Sinica* (水生生物学报), **30**, 380–385. (in Chinese with English abstract)
- Chen TB, Meng YJ, Jiang K, Li PP, Wen BH, Lu W, Lazell J, Hou M (2014) New record of the leopard gecko *Goniurosaurus araneus* (Squamata: Eublepharidae) for China and habitat partitioning between geographically and phylogenetically close leopard geckos. *IRCF Reptiles and Amphibians*, **21**, 16–27.
- Chen X, Jiang K, Guo P, Huang S, Rao DQ, Ding L, Takeuchi H, Che J, Zhang YP, Myers EA, Burbrink FT (2014a) Assessing species boundaries and the phylogenetic position of the rare Szechwan ratsnake, *Euprepophis perlaceus* (Serpentes: Colubridae), using coalescent-based methods. *Molecular Phylogenetics and Evolution*, **70**, 130–136.
- Chen X, McKelvy AD, Grismer LL, Matsui M, Nishikawa K, Burbrink FT (2014b) The phylogenetic position and taxonomic status of the rainbow tree snake *Gonyophis margaritatus* (Peters, 1871) (Squamata: Colubridae). *Zootaxa*, **3881**, 532–548.
- Conrad JL (2008) Phylogeny and systematics of Squamata (Reptilia) based on morphology. *Bulletin of the American Museum of Natural History*, **301**, 1–182.
- Conrad JL, Ast JC, Montanari S, Norell MA (2011) A combined evidence phylogenetic analysis of Anguimorpha (Reptilia: Squamata). *Cladistics*, **27**, 230–277.
- Cornetti L, Belluardo F, Ghielmi S, Giovine G, Ficetola GF, Bertorelle G, Vernesi C, Haufler HC (2015) Reproductive isolation between oviparous and viviparous lineages of the Eurasian common lizard *Zootoca vivipara* in a contact zone. *Biological Journal of the Linnean Society*, **114**, 566–573.
- David P, Das I (2004) On the grammar of the gender of *Ptyas* Fitzinger, 1843 (Serpentes: Colubridae). *Hamadryad*, **28**, 113–116.
- David P, Nguyen TQ, Nguyen TT, Jiang K, Chen TB, Teynie A, Ziegler T (2012) A new species of the genus *Oligodon* Fitzinger, 1826 (Squamata: Colubridae) from northern Vietnam, southern China and central Laos. *Zootaxa*, **3498**, 45–62.
- David P, Vogel G, Pauwels OS, Vidal N (2002) Description of a new species of the genus *Trimeresurus* from Thailand, related to *Trimeresurus stejnegeri* Schmidt, 1925 (Serpentes, Crotalidae). *Natural History Journal of Chulalongkorn University*, **2**, 5–19.
- David P, Vogel G, Dubois A (2011) On the need to follow rigorously the Rules of the Code for the subsequent designation of a nucleospecies (type species) for a nominal genus which lacked one: the case of the nominal genus *Trimeresurus* Lacépède, 1804 (Reptilia: Squamata: Viperidae). *Zootaxa*, **2992**, 1–51.
- Dawson K, Malhotra A, Thorpe RS, Guo P, Mrinalini, Ziegler T (2008) Mitochondrial DNA analysis reveals a new member of the Asian pitviper genus *Viridovipera* (Serpentes: Viperidae: Crotalinae). *Molecular Phylogenetics and Evolution*, **49**, 356–361.
- Deng HH (邓欢欢), Peng Y (彭元), Yu XD (余晓东), Tang YZ (唐业忠) (2011) Disparities of court call sequences between red and black tokays. *Sichuan Journal of Zoology* (四川动物), **30**, 338–343, 347. (in Chinese with English abstract)
- Dijk PP, Iverson JB, Rhodin AGJ, Shaffer HB, Bour R (2014) *Turtles of the World*, 7th edition: annotated checklist of

- taxonomy, synonymy, distribution with maps, and conservation status. *Chelonian Research Monographs*, **5**, 329–479.
- Du SZ (杜世章), Chen LQ (陈立桥), Liu DZ (刘定震) (2002) Advances of systematic studies of Chinese species of the genus *Gekko*. *Sichuan Journal of Zoology* (四川动物), **21**, 200–204. (in Chinese with English abstract)
- Erickson GM, Gignac PM, Steppan SJ, Lappin AK, Vliet KA, Brueggen JD, Inouye BD, Kledzik D, Webb GJ (2012) Insights into the ecology and evolutionary success of crocodilians revealed through bite-force and tooth-pressure experimentation. *PLoS ONE*, **7**, e31781.
- Feldman CR, Parham JF (2004) Molecular systematics of Old World stripe-necked turtles (Testudines: *Mauremys*). *Asiatic Herpetological Research*, **10**, 28–37.
- Fritz U, Gong S, Auer M, Kuchling G, Schneeweiß N, Hunds-dörfer AK (2010) The world's economically most important chelonians represent a diverse species complex (Testudines: Trionychidae: *Pelodiscus*). *Organisms Diversity and Evolution*, **10**, 227–242.
- Fritz U, Guicking D, Auer M, Sommer R, Wink M, Hunds-dörfer A (2008) Diversity of the Southeast Asian leaf turtle genus *Cyclemys*: how many leaves on its tree of life? *Zoologica Scripta*, **37**, 367–390.
- Fritz U, Havaš P (2007) Checklist of chelonians of the world. *Vertebrate Zoology*, **57**, 149–368.
- Fujita MK, Engstrom TN, Starkey DE, Shaffer HB (2004) Turtle phylogeny: insights from a novel nuclear intron. *Molecular Phylogenetics and Evolution*, **31**, 1031–1040.
- Gamble T, Bauer AM, Colli GR, Greenbaum E, Jackman TR, Vitt LJ, Simons AM (2011) Coming to America: multiple origins of New World geckos. *Journal of Evolutionary Biology*, **24**, 231–244.
- Gamble T, Bauer AM, Greenbaum E, Jackman TR (2008) Evidence for Gondwanan vicariance in an ancient clade of gecko lizards. *Journal of Biogeography*, **35**, 88–104.
- Gamble T, Greenbaum E, Jackman TR, Russell AP, Bauer AM (2012) Repeated origin and loss of adhesive toepads in geckos. *PLoS ONE*, **7**, e39429.
- Gao ZF (高正发), Hou M (侯勉) (2002) Description of a new *Japalura* species from western Sichuan Province, China. *Sichuan Journal of Zoology* (四川动物), **21**, 3–5. (in Chinese with English abstract)
- Gatesy J, Baker RH, Hayashi C (2004) Inconsistencies in arguments for the supertree approach: supermatrices versus supertrees of Crocodylia. *Systematic Biology*, **53**, 342–355.
- Gauthier JA, Kearney M, Maisano JA, Rieppel O, Behlke AD (2012) Assembling the squamate tree of life: perspectives from the phenotype and the fossil record. *Bulletin of the Peabody Museum of Natural History*, **53**, 3–308.
- Geissler P, Hartmann T, Neang T (2012) A new species of the genus *Lygosoma* Hardwicke & Gray, 1827 (Squamata: Scincidae) from northeastern Cambodia, with an updated identification key to the genus *Lygosoma* in mainland Southeast Asia. *Zootaxa*, **3190**, 56–68.
- Geissler P, Nguyen TQ, Phung TM, van Devender RW, Hartmann T, Farkas B, Ziegler T, Böhme W (2011) A review of Indochinese skinks of the genus *Lygosoma* Hardwicke & Gray, 1827 (Squamata: Scincidae), with natural history notes and an identification key. *Biologia*, **66**, 1159–1176.
- Gong SP (龚世平), Wang HJ (王海京), Yang CT (杨昌腾), Yu CS (余春胜), Pan DS (潘崇生), Wang FM (王付民) (2010) *Protobothrops cornutus* discovered in Tianjingshan Forest, Guangdong Province, China. *Chinese Journal of Zoology* (动物学杂志), **45**, 170–173. (in Chinese with English abstract)
- Gozdzik A, Fu J (2009) Are toad-headed lizards *Phrynocephalus przewalskii* and *P. frontalis* (Family Agamidae) the same species? Defining species boundaries with morphological and molecular data. *Russian Journal of Herpetology*, **16**, 107–118.
- Gray JE (1845) *Catalogue of the Specimens of Lizards in the Collection of the British Museum*. Order of the Trustees, London.
- Griffith H, Ngo A, Murphy RW (2000) A cladistic evaluation of the cosmopolitan genus *Eumeces* Wiegmann (Reptilia, Squamata, Scincidae). *Russian Journal of Herpetology*, **7**, 1–16.
- Grismer LL, Haitao S, Orlov NL, Ananjeva NB (2002) A new species of *Goniurosaurus* (Squamata: Eublepharidae) from Hainan Island, China. *Journal of Herpetology*, **36**, 217–224.
- Grismer LL, Viets BE, Boyle LJ (1999) Two new continental species of *Goniurosaurus* (Squamata: Eublepharidae) with a phylogeny and evolutionary classification of the genus. *Journal of Herpetology*, **33**, 382–393.
- Guo K, Deng X (2009) A new species of *Pareas* (Serpentes: Colubridae: Pareatinae) from the Gaoligong Mountains, southwestern China. *Zootaxa*, **2008**, 53–60.
- Guo P (郭鹏) (2005) *Taxonomic and Phylogenetic Study on Trimeresurus (S.L.) (Serpentes: Crotalinae)* (广义竹叶青蛇属的分类及系统发育研究 (蛇亚目: 蝮亚科)). PhD dissertation, College of Life Sciences, Sichuan University, Chengdu. (in Chinese with English abstract)
- Guo P, Jadin RC, Malhotra A, Li C (2010) An investigation of the cranial evolution of Asian pitvipers (Serpentes: Crotalinae), with comments on the phylogenetic position of *Peltopelor macrolepis*. *Acta Zoologica*, **91**, 402–407.
- Guo P, Li J, Chen YY, Wang YZ (2012) Designation of a Neotype for *Protobothrops mangshanensis* (Zhao, 1990). *Asian Herpetological Research*, **3**, 340–341.
- Guo P, Malhotra A, Li PP, Pook CE, Creer S (2007) New evidence on the phylogenetic position of the poorly known Asian pitviper *Protobothrops kaulbacki* (Serpentes: Viperidae: Crotalinae) with a redescription of the species and a revision of the genus *Protobothrops*. *The Herpetological Journal*, **17**, 237–246.
- Guo P, Liu Q, Zhang L, Li JX, Huang YY, Pyron RA (2014) A taxonomic revision of the Asian keelback snakes, genus *Amphiesma* (Serpentes: Colubridae: Natricinae), with description of a new species. *Zootaxa*, **3873**, 425–440.
- Guo P, Liu SY, Feng JZ, He M (2008) The description of a

- new species of *Thermophis* (Serpentes: Colubridae). *Sichuan Journal of Zoology* (四川动物), **27**, 321.
- Guo P, Wang YZ (2011) A new genus and species of cryptic Asian green pitviper (Serpentes: Viperidae: Crotalinae) from southwest China. *Zootaxa*, **2918**, 1–14.
- Guo P, Zhang L, Liu Q, Li C, Pyron A, Jiang K, Burbrink F (2013) *Lycodon* and *Dinodon*: one genus or two? Evidence from molecular phylogenetics and morphological comparisons. *Molecular Phylogenetics and Evolution*, **68**, 144–149.
- Guo XG, Dai X, Chen DL, Papenfuss TJ, Ananjeva NB, Melnikov DA, Wang YZ (2011) Phylogeny and divergence times of some racerunner lizards (Lacertidae: *Eremias*) inferred from mitochondrial 16S rRNA gene segments. *Molecular Phylogenetics and Evolution*, **61**, 400–412.
- Guo XG, Wang YZ (2007) Partitioned Bayesian analyses, dispersal–vicariance analysis, and the biogeography of Chinese toad-headed lizards (Agamidae: *Phrynocephalus*): a re-evaluation. *Molecular Phylogenetics and Evolution*, **45**, 643–662.
- Guo XG, Liu L, Wang YZ (2012) Phylogeography of the *Phrynocephalus vlangalii* species complex in the upper reaches of the yellow river inferred from mtDNA ND4-tRNA(LEU) segments. *Asian Herpetological Research*, **3**, 52–68.
- Guo YH, Wu YK, He SP, Shi HT, Zhao EM (2011) Systematics and molecular phylogenetics of Asian snail-eating snakes. *Zootaxa*, **3001**, 57–64.
- Gvozdić V, Jandzik D, Cordos B, Rehak I, Kotlík P (2012) A mitochondrial DNA phylogeny of the endangered vipers of the *Vipera ursinii* complex. *Molecular Phylogenetics and Evolution*, **62**, 1019–1024.
- Hallermann J, Böhme W (2000) A review of the genus *Pseudocalotes* (Squamata: Agamidae), with description of a new species from West Malaysia. *Amphibia Reptilia*, **21**, 193–210.
- Hedges S, Marion A, Lipp K, Marin J, Vidal N (2014) A taxonomic framework for typhlopids snakes from the Caribbean and other regions (Reptilia, Squamata). *Caribbean Herpetology*, **49**, 1–61.
- Hedges SB, Poling LL (1999) A molecular phylogeny of reptiles. *Science*, **283**, 998–1001.
- Helfenberger N (2001) Phylogenetic relationships of Old World ratsnakes based on visceral organ topography, osteology, and allozyme variation. *Russian Journal of Herpetology*, **8**, 1–64.
- Herpetological Department, Sichuan Biological Research Institute (四川省生物研究所两栖爬行动物研究室) (1977) *Retrieval of Chinese Reptile Taxonomy* (中国爬行动物系统检索). Science Press, Beijing. (in Chinese)
- Herrmann HW, Joger U, Nilson G (1992) Phylogeny and systematics of viperine snakes. III. Resurrection of the genus *Macrovipera* (Reuss, 1927) as suggested by biochemical evidence. *Amphibia Reptilia*, **13**, 375–392.
- Hikida T, Lau M, Ota H (2001) A new record of the Vietnamese five-lined skink, *Eumeces tamdaoensis* (Reptilia: Scincidae), from Hong Kong, China, with special reference to its sexual dimorphism. *Natural History Journal of Chulalongkorn University*, **1**, 9–13.
- Hsiang KS (向高世), Lee PX (李鹏翔), Yang YR (杨懿如) (2009) *The Atlas of Amphibians and Reptiles of Taiwan* (台湾两栖爬行类图鉴). Owl Publishing House, Taipei. (in Chinese)
- Hsiang KS (向高世), Lin SL (林松霖) (2001) *Natural Portraits of Lizards of Taiwan* (台湾蜥蜴自然志). Big Trees Publishing, Taipei. (in Chinese)
- Huang S, Ding L, Burbrink FT, Yan J, Huang J, Ling C, Chen X, Zhang Y (2012) A new species of *Elaphe* (Squamata: Colubridae) from Zoige County, Sichuan Province, China. *Asian Herpetological Research*, **3**, 38–45.
- Huang X, Pan T, Han D, Zhang L, Hou Y, Yu L, Zheng H, Zhang B (2012) A new species of the genus *Protobothrops* (Squamata: Viperidae: Crotalinae) from the Dabie Mountains, Anhui, China. *Asian Herpetological Research*, **3**, 213–218.
- Huang Y, Dai D, Chen YY, Wan HF, Li JT, Wang YZ (2011) Lizard species richness patterns in China and its environmental associations. *Biodiversity and Conservation*, **20**, 1399–1414.
- Iverson JB, Ernst CH, Gotte S, Lovich JE (1989) The validity of *Chinemys megaloccephala* (Testudines: Batagurinae). *Copeia*, **1989**, 494–498.
- Jacobs HJ, Auliya M, Böhme W (2009) On the taxonomy of the Burmese *Python*, *Python molurus bivittatus* KUHL, 1820, specifically on the Sulawesi Population. *Sauria*, **31**, 5–16.
- Jaratlerdsiri W, Isberg SR, Higgins DP, Miles LG, Gongora J (2014) Selection and trans-species polymorphism of major histocompatibility complex class II genes in the order Crocodylia. *PLoS ONE*, **9**, e87534.
- Jeremčenko VK (1987) Systematic and relative links of Indo-Himalayan scincellae (Sauria: Scincidae). *Proceedings of the Academy of Sciences of the Kirghiz SSR*, **2**, 54–57. (in Russian)
- Jeremčenko VK, Panfilov A (1999) Taxonomic situation of multiocellated racerunner of the “*multiocellata*”-complex of Kyrgyzstan and neighbour China (Sauria: Lacertidae: *Eremias*). *Science and New Technologies*, **4**, 112–124. (in Russian with English abstract)
- Ji X, Wang YZ, Wang Z (2009) New species of *Phrynocephalus* (Squamata, Agamidae) from Qinghai, Northwest China. *Zootaxa*, **1988**, 61–68.
- Jiang F (江帆), Zhao EM (赵尔宓) (2009) *Gloydus lijianlii*, a new species from the northern coastal islands along Shandong Peninsula (Reptilia, Squamata, Viperidae). *Acta Zootaxonomica Sinica* (动物分类学报), **34**, 642–646. (in Chinese with English abstract)
- Jiang AW (蒋爱伍), Zhou F (周放), Lu Z (陆舟), Han XJ (韩小静), Li XL (李相林) (2006) A new record of Gekkonidae, *Hemidactylus garnotii*, in Guangxi Autonomous Region.

- Sichuan Journal of Zoology* (四川动物), **25**, 268. (in Chinese with English abstract)
- Jin YT, Brown RP (2013) Species history and divergence times of viviparous and oviparous Chinese toad-headed sand lizards (*Phrynocephalus*) on the Qinghai-Tibetan Plateau. *Molecular Phylogenetics and Evolution*, **68**, 259–268.
- Jin YT, Brown RP, Liu NF (2008) Cladogenesis and phylogeography of the lizard *Phrynocephalus vlangalii* (Agamidae) on the Tibetan Plateau. *Molecular Ecology*, **17**, 1971–1982.
- Kharin VE (2009) Rare and little-known snakes of the north-eastern Eurasia. 3. On the taxonomic status of the slender racer *Hierophis spinalis* (Serpentes: Colubridae). *Contemporary Herpetology*, **11**, 173–179. (in Russian)
- Kou ZT (1989) *Cyclemys* from Yunnan, a description of a new species and a new record to China (Testudinata: Emydidae). *Current Herpetology in East Asia*, **1989**, 193–197.
- Krenz JG, Naylor GJ, Shaffer HB, Janzen FJ (2005) Molecular phylogenetics and evolution of turtles. *Molecular Phylogenetics and Evolution*, **37**, 178–191.
- Kumar AB, Sanders KL, George S, Murphy JC (2012) The status of *Eurostus dussumierii* and *Hypsirhina chinensis* (Reptilia, Squamata, Serpentes): with comments on the origin of salt tolerance in homalopsid snakes. *Systematics and Biodiversity*, **10**, 479–489.
- Kunte K, Manthey U (2009) Wiederentdeckung von *Japalura sagittifera* (Sauria: Agamidae) in Arunachal Pradesh, Ost-Himalaya: Ein Erstnachweis für die indische Herpetofauna. *Sauria*, **31**, 49–55. (in German with English abstract)
- Lazell J (2002) The herpetofauna of Shek Kwu Chau, South China Sea, with descriptions of two new colubrid snakes. *Memoirs of the Hong Kong Natural History Society*, **25**, 1–82.
- Le MD, Pritchard P (2009) Genetic variability of the critically endangered softshell turtle, *Rafetus swinhoei*: a preliminary report. In: *Proceedings of the First Vietnamese National Symposium on Reptiles and Amphibians* (eds Ngo DC, Ta HT, Le NN, Hoang XQ, Vo VP, Nguyen VS, Nguyen VT, Le TT, Tran QD), pp. 84–92. Hue University Press, Hue.
- Le M, Duong HT, Dinh LD, Nguyen TQ, Pritchard PCH, McCormack T (2014) A phylogeny of softshell turtles (Testudines: Trionychidae) with reference to the taxonomic status of the critically endangered, giant softshell turtle, *Rafetus swinhoei*. *Organisms Diversity and Evolution*, **14**, 279–293.
- Lee MS (2005) Squamate phylogeny, taxon sampling, and data congruence. *Organisms Diversity and Evolution*, **5**, 25–45.
- Lei J, Sun X, Jiang K, Vogel G, Booth DT, Ding L (2014) Multilocus phylogeny of *Lycodon* and the taxonomic revision of *Oligodon multizonatum*. *Asian Herpetological Research*, **5**, 26–37.
- Li C (李操), Deng QX (邓其祥), Wu Y (吴毅), Wang Y (王涓) (2001) A new species of *Japalura* from Sichuan (Agamidae Gray. Japa Lura). *Journal of Sichuan Teachers College (Natural Science)* (四川师范学院学报 (自然科学版)), **22**, 329–331, 395. (in Chinese with English abstract)
- Lillywhite HB, Wray K (2008) *Dictionary of Herpetology*. Krieger Publishing Company, Florida.
- Lin SM, Chang WS, Chen SL, Shang G, Lue KY (2003) Taxonomic status of the legless lizard *Ophisaurus* (Squamata: Anguillidae) in Taiwan: molecular data, morphology, and literature. *Zoological Studies*, **42**, 411–419.
- Lin SM, Chen CA, Lue KY (2002) Molecular phylogeny and biogeography of the grass lizards genus *Takydromus* (Reptilia: Lacertidae) of East Asia. *Molecular Phylogenetics and Evolution*, **22**, 276–288.
- Linkem CW, Brown RM, Siler CD, Evans BJ, Austin CC, Iskandar DT, Diesmos AC, Supriatna J, Andayani N, McGuire JA (2012) Stochastic faunal exchanges drive diversification in widespread Wallacean and Pacific Islands lizards (Squamata: Scincidae: *Lamprolepis smaragdina*). *Journal of Biogeography*, **40**, 507–520.
- Liu Q, Myers EA, Zhong GH, Hu J, Zhao H, Guo P (2012) Molecular evidence on the systematic position of the lance-headed pitviper *Protobothrops maolanensis* Yang et al., 2011. *Zootaxa*, **3178**, 57–62.
- Lu B, Yang W, Dai Q, Fu J (2013) Using genes as characters and a parsimony analysis to explore the phylogenetic position of turtles. *PLoS ONE*, **8**, e79348.
- Lue KY, Lin SM (2008) Two new cryptic species of *Takydromus* (Squamata: Lacertidae) from Taiwan. *Herpetologica*, **64**, 379–395.
- Lue KY (吕光洋), Tu MC (杜铭章), Hsiang KS (向高世) (1999) *Atlas of Taiwan Amphibians and Reptiles* (台湾两栖爬行动物图鉴). Nature Press, Taipei. (in Chinese)
- Luo J (罗键), Ryabov SA, Luo Y (罗颖), Gao HY (高红英), Luo ZR (罗至仁), Hu XC (胡先成) (2010) Classification and distribution of the genus *Dinodon*. *Sichuan Journal of Zoology* (四川动物), **29**, 579–582, 677. (in Chinese with English abstract)
- Luo WX (罗伟雄), Sun GZ (孙国政), Rao DQ (饶定齐), Liu WL (刘务林), Li BZ (李炳章) (2014) Chinese biologists find Canto's ratsnake in Motuo, Tibet. *Journal of West China Forestry Science* (西部林业科学), **43**, 108–109. (in Chinese with English abstract)
- Macey JR, Ananjeva NB, Wang YZ, Papenfuss TJ (1997) A taxonomic reevaluation of the gekkonid lizard genus *Teratoscincus* in China. *Russian Journal of Herpetology*, **4**, 8–16.
- Macey JR, Schulte JA, Larson A, Ananjeva NB, Wang YZ, Pethiyagoda R, Rastegar-Pouyani N, Papenfuss TJ (2000) Evaluating trans-Tethys migration: an example using acrodont lizard phylogenetics. *Systematic Biology*, **49**, 233–256.
- Macey JR, Wang YZ, Ananjeva NB, Larson A, Papenfuss TJ (1999) Vicariant patterns of fragmentation among gekkonid lizards of the genus *Teratoscincus* produced by the Indian collision: a molecular phylogenetic perspective and an area cladogram for Central Asia. *Molecular Phylogenetics and Evolution*, **12**, 320–332.
- Mahony S (2010) Systematic and taxonomic reevaluation of

- four little known Asian agamid species, *Calotes kingdonwardi* Smith, 1935, *Japalura kaulbacki* Smith, 1937, *Salea kakhienensis* Anderson, 1879 and the monotypic genus *Mictopholis* Smith, 1935 (Reptilia: Agamidae). *Zootaxa*, **2514**, 1–23.
- Malhotra A, Dawson K, Guo P, Thorpe RS (2011) Phylogenetic structure and species boundaries in the mountain pitviper *Ovophis monticola* (Serpentes: Viperidae: Crotalinae) in Asia. *Molecular Phylogenetics and Evolution*, **59**, 444–457.
- Malhotra A, Thorpe RS (2004) A phylogeny of four mitochondrial gene regions suggests a revised taxonomy for Asian pitvipers (*Trimeresurus* and *Ovophis*). *Molecular Phylogenetics and Evolution*, **32**, 83–100.
- Manthey U, Denzer W, Mian H, Wang XH (2012) Discovered in historical collections: two new *Japalura* species (Squamata: Sauria: Agamidae) from Yulong Snow Mountains, Lijiang Prefecture, Yunnan, PR China. *Zootaxa*, **3200**, 27–48.
- Mausfeld P, Schmitz A, Böhme W, Misof B, Vrcibradic D, Rocha CFD (2002) Phylogenetic affinities of *Mabuya atlantica* Schmidt, 1945, endemic to the Atlantic Ocean Archipelago of Fernando de Noronha (Brazil): necessity of partitioning the genus *Mabuya* Fitzinger, 1826 (Scincidae: Lygosominae). *Zoologischer Anzeiger*, **241**, 281–293.
- McMahan CD, Zug GR (2007) Burmese *Hemidactylus* (Reptilia, Squamata, Gekkonidae): geographic variation in the morphology of *Hemidactylus bowringii* in Myanmar and Yunnan, China. *Proceedings of the California Academy of Sciences*, **58**, 485–509.
- Milto KD, Barabanov AV (2012) A catalogue of the agamid and chamaeleonid types in the collection of the Zoological Institute, Russian Academy of Sciences, St. Petersburg. *Russian Journal of Herpetology*, **19**, 155–170.
- Murphy JC, Voris HK (2014) A checklist and key to the *Homalopsid* snakes (Reptilia, Squamata, Serpentes), with the description of new genera. *Fieldiana Life and Earth Sciences*, **8**, 1–43.
- Murthy TSN (2010) *Reptile Fauna of India: A Soucre Book*. BR Publishing Corporation, New Delhi.
- Nagy ZT, Lawson R, Joger U, Wink M (2004) Molecular systematics of racers, whipsnakes and relatives (Reptilia: Colubridae) using mitochondrial and nuclear markers. *Journal of Zoological Systematics and Evolutionary Research*, **42**, 223–233.
- Nagy ZT, Schmidtler JF, Joger U, Wink M (2003) Systematik der Zwergnattern (Reptilia: Colubridae: *Eirenis*) und verwandter Gruppen anhand von DNA-Sequenzen und morphologischen Daten. *Salamandra Rheinbach*, **39**, 149–168. (in German with English abstract)
- Nguyen TQ, Boehme W, Nguyen TT, Le QK, Pahl KR, Haus T, Ziegler T (2011) Review of the genus *Dopasia* Gray, 1853 (Squamata: Anguillidae) in the Indochina subregion. *Zootaxa*, **2894**, 58–68.
- Nguyen TQ, Kingsada P, Roesler H, Auer M, Ziegler T (2010) A new species of *Cyrtodactylus* (Squamata: Gekkonidae) from northern Laos. *Zootaxa*, **2652**, 1–16.
- Nguyen TQ, Wang YY, Yang JH, Lehmann T, Le D, Ziegler T, Bonkowski M (2013) A new species of the *Gekko japonicus* group (Squamata: Sauria: Gekkonidae) from the border region between China and Vietnam. *Zootaxa*, **3652**, 501–518.
- Oaks JR (2011) A time-calibrated species tree of Crocodylia reveals a recent radiation of the true crocodiles. *Evolution*, **65**, 3285–3297.
- Orlov NL, Ryabov SA, Nguyen TT (2013) On the taxonomy and the distribution of snakes of the genus *Azemiops* Boulenger, 1888: description of a new species. *Russian Journal of Herpetology*, **20**, 110–128.
- Orlov NL, Ryabov SS (2004) Revalidation and change of taxonomic status of *Dinodon rufozonatum meridionale* Bourret, 1935 (Serpentes: Colubridae: Colubrinae). *Russian Journal of Herpetology*, **11**, 181–197.
- Ota H, Chen SL, Shang G (1998) *Japalura luei*: a new agamid lizard from Taiwan (Reptilia: Squamata). *Copeia*, **1998**, 649–656.
- Ota H, Huang WS (2000) *Mabuya cumingi* (Reptilia: Scincidae), an addition to the herpetofauna of Lanyu Island, Taiwan. *Current Herpetology*, **19**, 57–61.
- Ota H, Ito A, Lin JT (1999) Systematic review of the Elapid snakes allied to *Hemibungarus japonicus* (Günther, 1868) in the East Asian Islands, with description of a new subspecies from the central Ryukyus. *Journal of Herpetology*, **33**, 675–687.
- Ota H, Lau M, Weidenhöfer T, Yasukawa Y, Bogadek A (1995) Taxonomic review of the geckos allied to *Gekko chinensis* Gray 1842 (Gekkonidae Reptilia) from China and Vietnam. *Tropical Zoology*, **8**, 181–196.
- Pan HJ, Chettri B, Yang DD, Jiang K, Wang K, Zhang L, Vogel G (2013) A new species of the genus *Protobothrops* (Squamata: Viperidae) from southern Tibet, China and Sikkim, India. *Asian Herpetological Research*, **4**, 109–115.
- Parham JF, Shi H (2001) The discovery of *Mauremys iversoni*-like turtles at a turtle farm in Hainan Province, China: the counterfeit golden coin. *Asian Herpetological Research*, **9**, 71–76.
- Parham JF, Simison WB, Kozak KH, Feldman CR, Shi H (2001) New Chinese turtles: endangered or invalid? A reassessment of two species using mitochondrial DNA, allozyme electrophoresis and known locality specimens. *Animal Conservation*, **4**, 357–367.
- Perry G, Buden DW (1999) Ecology, behavior and color variation of the green tree skink, *Lamprolepis smaragdina* (Lacertilia: Scincidae), in Micronesia. *Micronesica Agana*, **31**, 263–273.
- Peng L, Lu C, Huang S, Guo P, Zhang Y (2014) A new species of the genus *Thermophis* (Serpentes: Colubridae) from Shangri-La, Northern Yunnan, China, with a proposal for an eclectic rule for species delimitation. *Asian Herpetological Research*, **5**, 228–239.
- Peters G (1971) Die Wirtelschwänze Zentralasiens (Agamidae: *Agama*). Ergebnisse der Mongolisch Deutschen Biologischen Expeditionen seit 1962, Nr. 59. *Mitteilungen aus dem Museum für Naturkunde in Berlin. Zoologisches Mu-*

- seum und Institut für Spezielle Zoologie (Berlin), **47**, 357–381. (in German with English abstract)
- Pyron RA, Burbrink FT, Colli GR, de Oca ANM, Vitt LJ, Kuczynski CA, Wiens JJ (2011) The phylogeny of advanced snakes (Colubroidea), with discovery of a new subfamily and comparison of support methods for likelihood trees. *Molecular Phylogenetics and Evolution*, **58**, 329–342.
- Pyron RA, Burbrink FT, Wiens JJ (2013) A phylogeny and revised classification of Squamata, including 4161 species of lizards and snakes. *BMC Evolutionary Biology*, **13**, 93.
- Pyron RA, Wallach V (2014) Systematics of the blindsnakes (Serpentes: Scolecophidia: Typhlopoidea) based on molecular and morphological evidence. *Zootaxa*, **3829**, 1–81.
- Qin XM (秦新民), Zeng ZH (曾振华), Chen ZL (陈忠良) (2007a) Comparison of karyotypical characters between red *Gekko gekko* and black *Gekko gekko*. *Journal of Economic Animal* (经济动物学报), **11**, 215–219. (in Chinese with English abstract)
- Qin XM (秦新民), Zeng ZH (曾振华), Liang YN (梁燕妮) (2007b) Genetic variation and differentiation of *Gekko gekko* from different population. *Zoological Research* (动物学研究), **28**, 286–290. (in Chinese with English abstract)
- Rao DQ, Yang DT (1998) A new species of *Sinonatrix* (Serpentes: Colubridae) of China with preliminary survey on *Sinonatrix*. *Russian Journal of Herpetology*, **5**, 70–73.
- Rösler H (2000) Kommentierte Liste der rezent, subrezent und fossil bekannten Geckotaxa (Reptilia: Gekkonomorpha). *Gekkota*, **2**, 28–153.
- Rösler H, Bauer AM, Heinicke MP, Greenbaum E, Jackman T, Nguyen T, Ziegler T (2011) Phylogeny, taxonomy, and zoogeography of the genus *Gekko* Laurenti, 1768 with the revalidation of *G. reevesii* Gray, 1831 (Sauria: Gekkonidae). *Zootaxa*, **2989**, 1–50.
- Rui JL (芮金龙), Wang YT (王钰婷), Zhang L (张莉), Nie LW (聂刘旺) (2009) Advances in the phylogenetic relationships research regarding Squamata reptiles. *Journal of Biology* (生物学杂志), **26**, 57–60, 69. (in Chinese with English abstract)
- Sanders KL, Lee MS, Bertozzi T, Rasmussen AR (2013) Multilocus phylogeny and recent rapid radiation of the viviparous sea snakes (Elapidae: Hydrophiinae). *Molecular Phylogenetics and Evolution*, **66**, 575–591.
- Schäetti B, Monsch P (2004) Systematics and phylogenetic relationships of whip snakes (*Hierophis* Fitzinger) and *Zamenis andreana* Werner, 1917 (Reptilia: Squamata: Colubrinae). *Revue Suisse de Zoologie*, **111**, 239–256.
- Schmitz A, Mausfeld P, Embert D (2004) Molecular studies on the genus *Eumeces* Wiegmann, 1834: phylogenetic relationships and taxonomic implications. *Hamadryad* (Madras), **28**, 73–89.
- Schulz KD, Böhme W, Tillack F (2011) Hemipenis morphology of *Coronella bella* Stanley, 1917 with comments on taxonomic and nomenclatural issues of ratsnakes (Squamata: Colubridae: Colubrinae: *Elaphe* auct.). *Russian Journal of Herpetology*, **18**, 273–283.
- Shaffer HB, Meylan P, McKnight ML (1997) Tests of turtle phylogeny: molecular, morphological, and paleontological approaches. *Systematic Biology*, **46**, 235–268.
- Shen YY, Chen X, Murphy RW (2013) Assessing DNA barcoding as a tool for species identification and data quality control. *PLoS ONE*, **8**, e57125.
- Shi HT (史海涛) (2008) *Identification Manual for Traded Turtles in China* (中国贸易龟类检索图鉴). Encyclopedia of China Publishing House, Beijing. (in Chinese)
- Shi HT (史海涛) (2011) *Revision of Identification Manual for Traded Turtles in China (Revised)* (中国贸易龟类检索图鉴 (修订版)). Encyclopedia of China Publishing House, Beijing. (in Chinese)
- Shi L (时磊) (2010) *Systematics of Bent-toed Gecko (Cyrtodactylus sensu lato) from China* (中国广义裸趾虎属 *Cyrtodactylus* (sensu lato) 系统学研究). PhD dissertation, Chengdu Institute of Biology, Chinese Academy of Sciences, Chengdu. (in Chinese with English abstract)
- Shi L, Zhao EM (2011) A new gecko in the genus *Cyrtopodion* Fitzinger, 1843 (Reptilia: Squamata: Gekkonidae) from western China. *Herpetologica*, **67**, 186–193.
- Shi L, Zhao H (2010) A new species of *Cyrtodactylus* (Reptilia: Squamata: Gekkonidae) from Xizang Autonomous Region, China. *Zootaxa*, **2336**, 51–60.
- Shi L (时磊), Zhou YH (周永恒), Yuan H (原洪) (2006) A new genus and a new species record to China. *Acta Zootaxonomica Sinica* (动物分类学报), **31**, 912–916. (in Chinese with English abstract)
- Siler CD, Oliveros CH, Santanen A, Brown RM (2013) Multilocus phylogeny reveals unexpected diversification patterns in Asian wolf snakes (genus *Lycodon*). *Zoologica Scripta*, **42**, 262–277.
- Sindaco R, Jeremčenko VK (2008) *The Reptiles of the Western Palearctic*. Edizioni Belvedere, Latina, Italy.
- Slowinski JB, Boundy J, Lawson R (2001) The phylogenetic relationships of Asian coral snakes (Elapidae: *Calliophis* and *Maticora*) based on morphological and molecular characters. *Herpetologica*, **57**, 233–245.
- Spinks PQ, Shaffer HB, Iverson JB, McCord WP (2004) Phylogenetic hypotheses for the turtle family Geoemydidae. *Molecular Phylogenetics and Evolution*, **32**, 164–182.
- Spinks PQ, Shaffer HB (2006) Conservation phylogenetics of the Asian box turtles (Geoemydidae, *Cuora*): mitochondrial introgression, numts, and inferences from multiple nuclear loci. *Conservation Genetics*, **8**, 641–657.
- Spinks PQ, Thomson RC, Shaffer HB (2009) A reassessment of *Cuora cyclornata* Blanck, McCord and Le, 2006 (Testudines, Geoemydidae) and a plea for taxonomic stability. *Zootaxa*, **2018**, 58–68.
- Stuart BL, Chuaynkern Y (2007) A new *Opisthotropis* (Serpentes: Colubridae: Natricinae) from Northeastern Thailand. *Current Herpetology*, **26**, 35–40.
- Stuart BL, Fritz U (2008) Historical DNA from museum type



- specimens clarifies diversity of Asian leaf turtles (*Cyclemys*). *Biological Journal of the Linnean Society*, **94**, 131–141.
- Stuart BL, Parham JF (2004) Molecular phylogeny of the critically endangered Indochinese box turtle (*Cuora galbini-frons*). *Molecular Phylogenetics and Evolution*, **31**, 164–177.
- Stuart BL, Parham JF (2007) Recent hybrid origin of three rare Chinese turtles. *Conservation Genetics*, **8**, 169–175.
- Szczerbak NN, Golubev ML (2003) *Guide to the Reptiles of the Eastern Palearctic*. Krieger Publishing Company, Florida.
- Tang YZ (唐业忠) (1997) Research on a new species of *Pelodiscus*, Trionychidae in China. *Zoological Research* (动物学研究), **18**, 13–17. (in Chinese with English abstract)
- Tang J (汤俊), Zong Y (宗愉) (1988) A new record of *Cyclemys dentata* (Gray, 1831) from China. *Acta Herpetologica Sinica* (两栖爬行动物学报), (2), 154. (in Chinese)
- Thomson RC, Shaffer HB (2010) Sparse supermatrices for phylogenetic inference: taxonomy, alignment, rogue taxa, and the phylogeny of living turtles. *Systematic Biology*, **59**, 42–58.
- Thorpe RS, Pook CE, Malhotra A (2007) Phylogeography of the Russell's viper (*Daboia russelii*) complex in relation to variation in the colour pattern and symptoms of envenoming. *The Herpetological Journal*, **17**, 209–218.
- Townsend TM, Larson A, Louis E, Macey JR (2004) Molecular phylogenetics of Squamata: the position of snakes, amphisbaenians, and dibamids, and the root of the squamate tree. *Systematic Biology*, **53**, 735–757.
- Utiger U, Helfenberger N, Schätti B, Schmidt C, Ruf M, Ziswiler V (2002) Molecular systematics and phylogeny of Old and New World ratsnakes, *Elaphe* Auct., and related genera (Reptilia, Squamata, Colubridae). *Russian Journal of Herpetology*, **9**, 105–124.
- Utiger U, Schätti B, Helfenberger N (2005) The Oriental colubrine genus *Coelognathus* Fitzinger, 1843, and classification of Old and New World racers and ratsnakes (Reptilia, Squamata, Colubridae, Colubrinae). *Russian Journal of Herpetology*, **12**, 32–53.
- Venugopal PD (2010) An updated and annotated list of Indian lizards (Reptilia: Sauria) based on a review of distribution records and checklists of Indian reptiles. *Journal of Threatened Taxa*, **2**, 725–738.
- Vidal N, Delmas AS, David P, Cruaud C, Couloux A, Hedges SB (2007) The phylogeny and classification of caenophidian snakes inferred from seven nuclear protein-coding genes. *Comptes Rendus Biologies*, **330**, 182–187.
- Vidal N, Hedges SB (2005) The phylogeny of squamate reptiles (lizards, snakes, and amphisbaenians) inferred from nine nuclear protein-coding genes. *Comptes Rendus Biologies*, **328**, 1000–1008.
- Vitt LJ, Caldwell JP (2013) *Herpetology, Fourth Edition: An Introductory Biology of Amphibians and Reptiles*. Academic Press, London.
- Vogel G, David P (2006) On the taxonomy of the *Xenochrophis piscator* complex (Serpentes, Natricidae). In: *Herpetologia Bonnensis. II. Proceedings of the 13th Congress of the Societas Europaea Herpetologica* (eds Vences M, Köhler J, Ziegler T, Böhme W), pp. 241–246. Alexander Koenig Museum, Bonn, Germany.
- Vogel G, David P (2010) A new species of the genus *Lycodon* (Boie, 1826) from Yunnan Province, China (Serpentes: Colubridae). *Bonn Zoological Bulletin*, **57**, 289–296.
- Vogel G, David P, Pauwels O, Sumontha M, Norval G, Hendrix R, Vu N, Ziegler T (2009) A revision of *Lycodon ruhstrati* (Fischer 1886) auctorum (Squamata Colubridae), with the description of a new species from Thailand and a new subspecies from the Asian mainland. *Tropical Zoology*, **22**, 131–182.
- Vogel G, Luo J (2011) A new species of the genus *Lycodon* (Boie, 1826) from the southwestern mountains of China (Squamata: Colubridae). *Zootaxa*, **2807**, 29–40.
- Wallach V, Williams KL, Boundy J (2014) *Snakes of the World, A Catalogue of Living and Extinct Species*. CRC Press, London.
- Wang J (王剑), Shi HT (史海涛), Han LX (韩联宪) (2010) Annotation on the name of *Rafetus swinhoei* and a suggested new Chinese name 'yellow spotted giant soft-shell turtle'. *Bulletin of Biology* (生物学通报), **45**(7), 11–12. (in Chinese)
- Wang XH, Messenger K, Zhao E, Zhu C (2014) Reclassification of *Oligodon ningshaanensis* Yuan, 1983 (Ophidia: Colubridae) into a new genus, *Stichophanes* gen. nov. with description on its malacophagous behavior. *Asian Herpetological Research*, **5**, 137–149.
- Wang XH (王小荷) (2014) *Systematics of Oligodon ningshaanensis Yuan, 1983 and Primary Study on its Malacophagous Behaviour* (宁陕小头蛇(*Oligodon ningshaanensis* Yuan, 1983)的系统学研究及其捕食软体动物行为的初探). PhD dissertation, Chengdu Institute of Biology, Chinese Academy of Sciences, Chengdu. (in Chinese with English abstract)
- Wang YY, Jin MJ, Li YL, Grismer LL (2014) Description of a new species of *Goniurosaurus* (Squamata: Eublepharidae) from the Guangdong Province, China, based on molecular and morphological data. *Herpetologica*, **70**, 309–322.
- Wang YY, Yang JH, Cui RF (2010) A new species of *Goniurosaurus* (Squamata: Eublepharidae) from Yingde, Guangdong Province, China. *Herpetologica*, **66**, 229–240.
- Wang YY, Yang JH, Grismer LL (2013a) A new species of *Goniurosaurus* (Squamata: Eublepharidae) from Libo, Guizhou Province, China. *Herpetologica*, **69**, 214–226.
- Wang YY, Yang JH, Liu Y (2013b) New distribution records for *Sphenomorphus tonkinensis* (Lacertilia: Scincidae) with notes on its variation and diagnostic characters. *Asian Herpetological Research*, **4**, 147–150.
- Wang YZ (王跃招), Zeng XM (曾晓茂), Fang ZL (方自力), Wu GF (吴贯夫), Liu ZJ (刘志君), Papenfuss TJ, Macey RJ (2002) A valid species of the genus *Phrynocephalus*: *P. putjatia* and a discussion on taxonomy of *Phrynocephalus*

- hongyuanensis* (Sauria: Agmidae). *Acta Zootaxonomica Sinica* (动物分类学报), **27**, 372–383. (in Chinese with English abstract)
- Wang YZ (王跃招), Zhao EM (赵尔宓) (1986) Studies of Chinese species of *Scincella* (Scincidae, Sauria). *Acta Herpetologica Sinica* (两栖爬行动物学报), **5**, 267–277. (in Chinese with English abstract)
- Wiens JJ, Kuczynski CA, Smith SA, Mulcahy DG, Sites JW, Townsend TM, Reeder TW (2008) Branch lengths, support, and congruence: testing the phylogenomic approach with 20 nuclear loci in snakes. *Systematic Biology*, **57**, 420–431.
- Wiens JJ, Kuczynski CA, Townsend T, Reeder TW, Mulcahy DG, Sites JW (2010) Combining phylogenomics and fossils in higher-level squamate reptile phylogeny: molecular data change the placement of fossil taxa. *Systematic Biology*, **59**, 674–688.
- Willis RE (2009) Transthyretin gene (*TTR*) intron 1 elucidates crocodylian phylogenetic relationships. *Molecular Phylogenetics and Evolution*, **53**, 1049–1054.
- Wu JW (巫嘉伟), Gao ZF (高正发), Qin AM (秦爱民) (2005) A re-description of *Japalura batangensis*. *Sichuan Journal of Zoology* (四川动物), **24**, 344–345, 441. (in Chinese with English abstract)
- Xu Y, Liu Q, Myers EA, Wang L, Huang S, He Y, Peng P, Guo P (2012) Molecular phylogeny of the genus *Gloydius* (Serpentes: Crotalinae). *Asian Herpetological Research*, **3**, 127–132.
- Yang DT (杨大同), Rao DQ (饶定齐) (2008) *Amphibia and Reptilia of Yunnan* (云南两栖爬行动物). Yunnan Science and Technology Press, Kunming. (in Chinese)
- Yang JH, Sung YH, Chan BPL (2013) A new species of the genus *Opisthotropis* Günther, 1872 (Squamata: Colubridae: Natricinae) from Guangdong Province, China. *Zootaxa*, **3646**, 289–296.
- Yang JH, Wang YY, Zhang TD, Sun YJ, Lin SS (2012) Genetic and morphological evidence on the species validity of *Gekko melli* Vogt, 1922 with notes on its diagnosis and range extension (Squamata: Gekkonidae). *Zootaxa*, **3505**, 67–74.
- Yang JH, Orlov NL, Wang YY (2011a) A new species of pit-viper of the genus *Protobothrops* from China (Squamata: Viperidae). *Zootaxa*, **2936**, 59–68.
- Yang JH, Wang YY, Zhang B, Lau MWN, Chou WH (2011b) Revision of the diagnostic characters of *Opisthotropis maculosa* Stuart and Chuaynkern, 2007 with notes on its distribution and variation, and a key to the genus *Opisthotropis* (Squamata: Natricidae). *Zootaxa*, **2785**, 61–68.
- Yang P, Tang YZ, Ding L, Guo XG, Wang YZ (2011) Validity of *Pelodiscus parviformis* (Testudines: Trionychidae) inferred from molecular and morphological analyses. *Asian Herpetological Research*, **2**, 21–29.
- Yuan SQ, Rao DQ (2011) A new record of a Gekkonid (*Cyrtodactylus wayakonei*) from Yunnan, China. *Zoological Research*, **32**, 675–683.
- Zaher H, Grazziotin FG, Cadle JE, Murphy RW, Moura-Leite JC, Bonatto SL (2009) Molecular phylogeny of advanced snakes (Serpentes, Caenophidia) with an emphasis on South American Xenodontines: a revised classification and descriptions of new taxa. *Papéis Avulsos de Zoologia (São Paulo)*, **49**, 115–153.
- Zhang BW, Huang X, Pan T, Zhang L, Zhou WL, Song T, Han DM (2013) Systematics and species validity of the Dabieshan Pit Viper *Protobothrops dabieshanensis* Huang *et al.* 2012: evidence from a mitochondrial gene sequence analysis. *Asian Herpetological Research*, **4**, 282–287.
- Zhang J (张洁), Qing N (庆宁), Yi ZS (易祖盛), Wang YY (王英勇), Jiang XS (江晓汕), Lu WH (卢文华), Lazell J (2014) Validity of *Goniurosaurus* indet. and genetic relationships of *Goniurosaurus* (Squamata: Sauria: Eublepharidae) species in China. *Journal of South China Normal University (Natural Science Edition)* (华南师范大学学报 (自然科学版)), **46**, 92–98. (in Chinese with English abstract)
- Zhang J (张君), Jiang K (蒋珂), Li PP (李丕鹏), Hou M (侯勉), Rao DQ (饶定齐) (2011) Taxonomic revisions on genus *Oligodon* of China (Serpentes, Colubridae). *Acta Zootaxonomica Sinica* (动物分类学报), **36**, 423–430. (in Chinese with English abstract)
- Zhang J, Jiang K, Vogel G, Rao DQ (2011) A new species of the genus *Lycodon* (Squamata, Colubridae) from Sichuan Province, China. *Zootaxa*, **2982**, 59–68.
- Zhang L, Nie L, Cao C, Zhan Y (2008) The complete mitochondrial genome of the Keeled box turtle *Pyxidea mouhotii* and phylogenetic analysis of major turtle groups. *Journal of Genetics and Genomics*, **35**, 33–40.
- Zhang MW (张孟闻), Zong Y (宗愉), Ma JF (马积藩) (1998) *Fauna Sinica (Reptilia 1): General Accounts of Reptilia, Testudoformes and Crocodiliformes* (中国动物志 爬行纲 第一卷 (总论、龟鳖目、鳄形目)). Science Press, Beijing. (in Chinese)
- Zhang RZ (张荣祖) (2011) *Zoogeography of China* (中国动物地理). Science Press, Beijing. (in Chinese)
- Zhao EM, Adler K (1993) *Herpetology of China*. Society for the Study of Amphibians and Reptiles, Ohio, Oxford.
- Zhao EM (赵尔宓) (2006) *Snakes of China* (中国蛇类). Anhui Science and Technology Publishing House, Hefei. (in Chinese)
- Zhao EM (赵尔宓), Huang MH (黄美华), Zong Y (宗愉) (1998) *Fauna Sinica (Reptilia 3): Squamata (Serpentes)* (中国动物志 爬行纲 第三卷 (有鳞目: 蛇亚目)). Science Press, Beijing. (in Chinese)
- Zhao EM (赵尔宓), Jiang YM (江耀明), Huang QY (黄庆云), Zhao H (赵惠), Zhao KT (赵肯堂), Zhou KY (周开亚), Liu YZ (刘月珍), Liu MY (刘明玉), Li DJ (李德俊), Zhang YX (张玉霞) (1999) *Fauna Sinica (Reptilia 2): Squamata (Lacertilia)* (中国动物志 爬行纲 第二卷 (有鳞目: 蜥蜴亚目)). Science Press, Beijing. (in Chinese)
- Zhou GJ (周工健), Zhang XJ (张轩杰), Fang ZG (方志刚) (1991) Bulletin of a new species *Trionyx*. *Acta Scientiarum*

- Naturalium Universitatis Normalis Hunanensis* (湖南师范大学学报 (自然科学版)), **14**, 379–382. (in Chinese with English abstract)
- Zhou K, Wang Q (2008) New species of *Gekko* (Squamata: Sauria: Gekkonidae) from China: morphological and molecular evidence. *Zootaxa*, **1778**, 59–68.
- Zhou T (周婷), Li PP (李丕鹏) (2013) *Taxonomy of Chinese Chelonians* (中国龟鳖分类原色图鉴). China Agriculture Press, Beijing. (in Chinese)
- Zhu GX, Wang YY, Takeuchi H, Zhao EM (2014) A new species of the genus *Rhabdophis* Fitzinger, 1843 (Squamata: Colubridae) from Guangdong Province, southern China. *Zootaxa*, **3765**, 469–480.
- Zug GR, Vitt LJ, Caldwell JP (2001) *Herpetology, 2nd edn.: An Introductory Biology of Amphibians and Reptiles*. Academic Press, London.
- Дунаев ЕА (1989) Таксономический статус, особенности экологии и поведения *Phrynocephalus melanurus* Eichwaid, 1831 (Reptilia: Agamidae). *Бюлл. МОИП. Отд. биол.*, **94**, 41–53. (in Russian)
- Соловьева ЕН, Поярков НА, Дунаев ЕА, Дуйсебаева ТН, Банникова АА (2011) Молекулярная дифференциация и систематика надвидового комплекса такырной круглоголовки *Phrynocephalus superspecies helioscopus* (Pallas, 1771) (Reptilia: Agamidae). *Генетика*, **47**, 952–967. (in Russian with English abstract)

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## 附录 Supplementary Material

### 附录1 中国爬行纲校正名录

Appendix 1 Checklist of Chinese Reptilia

<http://www.biodiversity-science.net/fileup/PDF/w2015-037-1.pdf>

### 附录2 科级分类阶元调整

Appendix 2 Taxonomic adjustment for families

<http://www.biodiversity-science.net/fileup/PDF/w2015-037-2.pdf>

### 附录3 属、种级分类阶元调整

Appendix 3 Taxonomic adjustment for genera and species

<http://www.biodiversity-science.net/fileup/PDF/w2015-037-3.pdf>

## 附录 1 中国爬行纲校正名录 Checklist of Chinese Reptilia

### 1 鳄形目 CROCODYLIA——1 科 1 属 1 种

#### 1.1 鼍科 Alligatoridae(1:1)

##### 鼍属 *Alligator* (1)

扬子鳄 *Alligator sinensis* Fauvel, 1879

### 2 龟鳖目 TESTUDINES——6 科 18 属 33 种

#### 曲颈龟亚目 Cryptodira——6 科 18 属 33 种

##### 2.1 鳖科 Trionychidae(4:7)

###### 山瑞鳖属 *Palea* (1)

山瑞鳖 *Palea steindachneri* (Siebenrock, 1906)

###### 鼋属 *Pelochelys* (1)

鼋 *Pelochelys cantorii* Gray, 1864

###### 斑鳖属 *Rafetus* (1)

斑鳖 *Rafetus swinhoei* (Gray, 1873)

###### 鳖属 *Pelodiscus* (4)

中华鳖 *Pelodiscus sinensis* (Wiegmann, 1835)

东北鳖 *Pelodiscus maackii* (Brandt, 1858)

小鳖 *Pelodiscus parviformis* Tang, 1997

砂鳖 *Pelodiscus axenaria* (Zhou, Zhang and Fang, 1991)

##### 2.2 棱皮龟科 Dermochelyidae (1:1)

###### 棱皮龟属 *Dermochelys* (1)

棱皮龟 *Dermochelys coriacea* (Vandelli, 1761)

##### 2.3 海龟科 Cheloniidae(4:4)

###### 玳瑁属 *Caretta*(1)

红海龟 *Caretta caretta* (Linnaeus, 1758)

**海龟属 *Chelonia* (1)**

绿海龟 *Chelonia mydas* (Linnaeus, 1758)

**玳瑁属 *Eretmochelys* (1)**

玳瑁 *Eretmochelys imbricata* (Linnaeus, 1766)

**丽龟属 *Lepidochelys* (1)**

太平洋丽龟 *Lepidochelys olivacea* (Eschscholtz, 1829)

## **2.4 平胸龟科 *Platysternidae* (1:1)**

**平胸属 *Platysternon* (1)**

平胸龟 *Platysternon megacephalum* Gray, 1831

## **2.5 陆龟科 *Testudinidae* (3:3)**

**陆龟属 *Testudo*(1)**

四爪陆龟 *Testudo horsfieldii* Gray, 1844

**凹甲陆龟属 *Manouria*(1)**

凹甲陆龟 *Manouria impressa* (Günther, 1882)

**南亚陆龟属 *Indotestudo*(1)**

缅甸陆龟 *Indotestudo elongata* (Blyth, 1854)

## **2.6 地龟科 *Geoemydidae* (5:17)**

**拟水龟属 *Mauremys* (4)**

乌龟 *Mauremys reevesii* (Gray, 1831)

黑颈乌龟 *Mauremys nigricans* (Gray, 1834)

黄喉拟水龟 *Mauremys mutica* (Cantor, 1842)

花龟 *Mauremys sinensis* (Gray, 1834)

**闭壳龟属 *Cuora* (9)**

黄缘闭壳龟 *Cuora flavomarginata* (Gray, 1863)

黄额闭壳龟 *Cuora galbinifrons* Bourret, 1939

金头闭壳龟 *Cuora aurocapitata* Luo and Zong, 1988

潘氏闭壳龟 *Cuora pani* Song, 1984

百色闭壳龟 *Cuora mccordi* Ernst, 1988

周氏闭壳龟 *Cuora zhoui* Zhao, Zhou and Ye, 1990

云南闭壳龟 *Cuora yunnanensis* (Boulenger, 1906)

三线闭壳龟 *Cuora trifasciata* (Bell, 1825)

锯缘闭壳龟 *Cuora mouhotii* (Gray, 1862)

**地龟属 *Geoemyda* (1)**

地龟 *Geoemyda spengleri* (Gmelin, 1789)

眼斑水龟属 *Sacalia* (2)

眼斑水龟 *Sacalia bealei* (Gray, 1831)

四眼斑水龟 *Sacalia quadriocellata* (Siebenrock, 1903)

摄龟属 *Cyclemys*(1)

欧氏摄龟 *Cyclemys oldhami* Gray, 1863

### 3 有鳞目 SQUAMATA——23 科 113 属 428 种

#### 3.1 蜥蜴亚目 Lacertilia——10 科 41 属 189 种

##### 3.1.1 双足蜥科 Dibamidae (1:2)

双足蜥属 *Dibamus* (2)

白尾双足蜥 *Dibamus bourreti* Angel, 1935

香港双足蜥 *Dibamus bogadeki* Darevsky, 1992

##### 3.1.2 睑虎科 Eublepharidae(1:8)

睑虎属 *Goniurosaurus* (8)

里氏睑虎 *Goniurosaurus lichtenfelderi* (Mocquard, 1897)

凭祥睑虎 *Goniurosaurus luii* Grismer, Viets and Boyle, 1999

霸王岭睑虎 *Goniurosaurus bawanglingensis* Grismer, Shi, Orlov and Anajeva, 2002

英德睑虎 *Goniurosaurus yingdeensis* Wang, Yang and Cui, 2010

海南睑虎 *Goniurosaurus hainanensis* Barbour, 1908

荔波睑虎 *Goniurosaurus liboensis* Wang, Yang and Grismer, 2013

越南睑虎 *Goniurosaurus araneus* Grismer, Viets and Boyle, 1999

蛰龙睑虎 *Goniurosaurus zhelongi* Wang, Jin, Li and Grismer, 2014

##### 3.1.3 球趾虎科 Sphaerodactylidae(1:3)

沙虎属 *Teratoscincus* (3)

伊犁沙虎 *Teratoscincus scincus* (Schlegel, 1858)

新疆沙虎 *Teratoscincus przewalskii* Strauch, 1887

吐鲁番沙虎 *Teratoscincus roborowskii* Bedriaga, 1906

### 3.1.4 壁虎科 Gekkonidae (10:39)

#### 弯脚虎属 *Cyrtopodion* (3)

长弯脚虎 *Cyrtopodion elongatus* (Blanford, 1875)

大敦弯脚虎 *Cyrtopodion dadunensis* Shi and Zhao 2011

墨脱弯脚虎 *Cyrtopodion medogensis* (Zhao and Li, 1987)

#### 隆趾虎属 *Altiphylax* (1)

宽斑隆趾虎 *Altiphylax stoliczkai* (Steindachner, 1867)

#### 中趾虎属 *Mediodactylus* (1)

灰中趾虎 *Mediodactylus russowii* (Strauch, 1887)

#### 裸趾虎属 *Cyrtodactylus* (4)

瓦氏裸趾虎 *Cyrtodactylus wayakonei* Nguyen, Kingsada, Rösler, Auer and Ziegler, 2010

卡西裸趾虎 *Cyrtodactylus khasiensis* (Jerdon, 1870)

西藏裸趾虎 *Cyrtodactylus tibetanus* (Boulenger, 1905)

赵氏裸趾虎 *Cyrtodactylus zhaoermii* Shi and Zhao, 2010

#### 鳞趾虎属 *Lepidodactylus* (2)

雅美鳞趾虎 *Lepidodactylus yami* Ota, 1987

哀鳞趾虎 *Lepidodactylus lugubris* (Duméril and Bibron, 1836)

#### 半叶趾虎属 *Hemiphyllodactylus* (2)

半叶趾虎 *Hemiphyllodactylus typus* Bleeker, 1860

云南半叶趾虎 *Hemiphyllodactylus yunnanensis* (Boulenger, 1903)

#### 截趾虎属 *Gehyra* (1)

截趾虎 *Gehyra mutilata* (Wiegmann, 1834)

#### 漠虎属 *Alsophylax* (2)

隐耳漠虎 *Alsophylax pipiens* (Pallas, 1827)

新疆漠虎 *Alsophylax przewalskii* Strauch, 1887

#### 蜥虎属 *Hemidactylus* (7)

原尾蜥虎 *Hemidactylus bowringii* (Gray, 1845)

疣尾蜥虎 *Hemidactylus frenatus* Duméril and Bibron, 1836

密疣蜥虎 *Hemidactylus brookii* Gray, 1845

史氏蜥虎 *Hemidactylus stejnegeri* Ota and Hikida, 1989

缅北蜥虎 *Hemidactylus aquilonius* Zug and McMahan, 2007

蝎尾蜥虎 *Hemidactylus platyurus* (Schneider, 1792)

锯尾蜥虎 *Hemidactylus garnotii* Duméril and Bibron, 1836

#### 壁虎属 *Gekko* (16)

兰屿壁虎 *Gekko kikuchii* (Oshima, 1912)

粗疣壁虎 *Gekko scabridus* Liu and Zhou, 1982

大壁虎 *Gekko gecko* (Linnaeus, 1758)

黑疣大壁虎 *Gekko reevesii* (Gray, 1831)

耳疣壁虎 *Gekko auriverrucosus* Zhou and Liu, 1982

中国壁虎 *Gekko chinensis* (Gray, 1842)



- 铅山壁虎 *Gekko hokouensis* Pope, 1928  
多疣壁虎 *Gekko japonicus* (Schlegel, 1836)  
蹼趾壁虎 *Gekko subpalmatus* (Günther, 1864)  
无蹼壁虎 *Gekko swinhonis* Günther, 1864  
太白壁虎 *Gekko taibaiensis* Song, 1985  
荔波壁虎 *Gekko liboensis* Zhou, Liu and Li 1982  
文县壁虎 *Gekko wenxianensis* Zhou and Wang, 2008  
梅氏壁虎 *Gekko melli* (Vogt, 1922)  
鹰氏壁虎 *Gekko adleri* Nguyen, Wang, Yang, Lehmann, Le, Ziegler and Bonkowski, 2013  
海南壁虎 *Gekko similignum* Smith, 1923

### 3.1.5 石龙子科 Scincidae (9:41)

#### 蜓蜥属 *Sphenomorphus* (6)

- 铜蜓蜥 *Sphenomorphus indicus* (Gray, 1853)  
股鳞蜓蜥 *Sphenomorphus incognitus* (Thompson, 1912)  
斑蜓蜥 *Sphenomorphus maculatus* (Blyth, 1853)  
台湾蜓蜥 *Sphenomorphus taiwanensis* Chen and Lue, 1987  
墨脱蜓蜥 *Sphenomorphus courcyanum* (Annandale, 1912)  
北部湾蜓蜥 *Sphenomorphus tonkinensis* Nguyen, Schmitz, Nguyen, Orlov, Böhme and Ziegler, 2011

#### 石龙子属 *Plestiodon* (8)

- 蓝尾石龙子 *Plestiodon elegans* (Boulenger, 1887)  
中国石龙子 *Plestiodon chinensis* (Gray, 1838)  
崇安石龙子 *Plestiodon popei* (Hikida, 1989)  
四线石龙子 *Plestiodon quadrilineatus* Blyth, 1853  
黄纹石龙子 *Plestiodon capito* (Bocourt, 1879)  
刘氏石龙子 *Plestiodon liui* (Hikida and Zhao, 1989)  
大渡石龙子 *Plestiodon tunganus* (Stejneger, 1924)  
越南石龙子 *Plestiodon tamdaoensis* (Bourret, 1937)

#### 蝘蜓属 *Lygosoma* (1)

- 侏蜥 *Lygosoma bowringii* (Günther, 1864)

#### 南蜥属 *Eutropis* (4)

- 多线南蜥 *Eutropis multifasciata* (Kuhl, 1820)  
长尾南蜥 *Eutropis longicaudata* (Hallowell, 1857)  
多棱南蜥 *Eutropis multicarinata* (Gray, 1845)  
库氏南蜥 *Eutropis cumingi* (Brown and Alcalá, 1980)

#### 泛蜥属 *Ablepharus* (2)

- 阿赖山泛蜥 *Ablepharus alaicus* (Elpatjevsky, 1901)  
沙地泛蜥 *Ablepharus deserti* Strauch, 1868

#### 滑蜥属 *Scincella* (14)

- 拉达克滑蜥 *Scincella ladacensis* (Günther, 1864)

- 南滑蜥 *Scincella reevesii* (Gray, 1838)  
康定滑蜥 *Scincella potanini* (Günther, 1896)  
秦岭滑蜥 *Scincella tsinlingensis* (Hu and Zhao, 1966)  
瓦山滑蜥 *Scincella barbouri* (Stejneger, 1925)  
锡金滑蜥 *Scincella sikimensis* (Blyth, 1854)  
长肢滑蜥 *Scincella doriae* (Boulenger, 1887)  
喜山滑蜥 *Scincella himalayanus* (Günther, 1864)  
山滑蜥 *Scincella monticola* (Schmidt, 1925)  
宁波滑蜥 *Scincella modesta* (Günther, 1864)  
桓仁滑蜥 *Scincella huanrenensis* Zhao and Huang, 1982  
台湾滑蜥 *Scincella formosensis* (Van Denburgh, 1912)  
昆明滑蜥 *Scincella schmidtii* (Barbour, 1927)  
西域滑蜥 *Scincella przewalskii* (Bedriaga, 1912)  
**棱蜥属 *Tropidophorus* (4)**  
中国棱蜥 *Tropidophorus sinicus* Boettger, 1886  
海南棱蜥 *Tropidophorus hainanus* Smith, 1923  
广西棱蜥 *Tropidophorus guangxiensis* Wen, 1992  
缅甸棱蜥 *Tropidophorus berdmorei* (Blyth, 1853)  
**光蜥属 *Ateuchosaurus* (1)**  
光蜥 *Ateuchosaurus chinensis* Gray, 1845  
**岛蜥属 *Emoia* (1)**  
岩岸岛蜥 *Emoia atrocostata* (Lesson, 1830)

### 3.1.6 蜥蜴科 Lacertidae (4:28)

- 草蜥属 *Takydromus* (13)**  
北草蜥 *Takydromus septentrionalis* (Günther, 1864)  
南草蜥 *Takydromus sexlineatus* Daudin, 1802  
黑龙江草蜥 *Takydromus amurensis* (Peters, 1881)  
雪山草蜥 *Takydromus hsuehshanensis* Lin and Cheng, 1981  
恒春草蜥 *Takydromus sauteri* Van Denburgh, 1909  
蓬莱草蜥 *Takydromus stejnegeri* Van Denburgh, 1912  
白条草蜥 *Takydromus wolteri* (Fischer, 1885)  
台湾草蜥 *Takydromus formosanus* (Boulenger, 1894)  
崇安草蜥 *Takydromus sylvaticus* (Pope, 1928)  
峨眉草蜥 *Takydromus intermedius* Stejneger, 1924  
古氏草蜥 *Takydromus kuehnei* Van Denburgh, 1909  
鹿野草蜥 *Takydromus lueyanus* Lue and Lin, 2008  
翠斑草蜥 *Takydromus viridipunctatus* Lue and Lin, 2008  
**麻蜥属 *Eremias* (13)**  
虫纹麻蜥 *Eremias vermiculata* Blanford, 1875

山地麻蜥 *Eremias brenchleyi* Günther, 1872  
荒漠麻蜥 *Eremias przewalskii* (Strauch, 1876)  
网纹麻蜥 *Eremias grammica* (Lichtenstein, 1823)  
敏麻蜥 *Eremias arguta* (Pallas, 1773)  
丽斑麻蜥 *Eremias argus* Peters, 1869  
快步麻蜥 *Eremias velox* (Pallas, 1771)  
密点麻蜥 *Eremias multiocellata* Günther, 1872  
莎车麻蜥 *Eremias yarkandensis* Blanford, 1875  
方额麻蜥 *Eremias quadrifrons* (Strauch, 1876)  
科克沙尔麻蜥 *Eremias kokshaaliensis* Jeremčenko and Panfilov, 1999  
天山麻蜥 *Eremias stummeri* Wettstein, 1940  
喀什麻蜥 *Eremias buechneri* Bedriaga, 1906  
**蜥蜴属 *Lacerta* (1)**  
捷蜥蜴 *Lacerta agilis* Linnaeus, 1758  
**胎蜥属 *Zootoca* (1)**  
胎蜥 *Zootoca vivipara* (Lichtenstein, 1823)

### 3.1.7 蛇蜥科 Anguidae (1:3)

#### 脆蛇蜥属 *Dopasia* (3)

脆蛇蜥 *Dopasia harti* (Boulenger, 1899)  
海南脆蛇蜥 *Dopasia hainanensis* (Yang, 1984)  
细脆蛇蜥 *Dopasia gracilis* (Gray, 1845)

### 3.1.8 鳄蜥科 Shinisauridae (1:1)

#### 鳄蜥属 *Shinisaurus* (1)

鳄蜥 *Shinisaurus crocodilurus* Ahl, 1930

### 3.1.9 巨蜥科 Varanidae (1:2)

#### 巨蜥属 *Varanus* (2)

伊江巨蜥 *Varanus irrawadicus* Yang and Li 1987  
圆鼻巨蜥 *Varanus salvator* (Laurenti, 1768)

### 3.1.10 鬣蜥科 Agamidae (12:62)

#### 飞蜥属 *Draco* (2)

斑飞蜥 *Draco maculatus* (Gray, 1845)  
裸耳飞蜥 *Draco blanfordii* Blanford, 1878

**喉褶蜥属 *Ptyctolaemus* (1)**

喉褶蜥 *Ptyctolaemus gularis* (Peters, 1864)

**腊皮蜥属 *Leiolepis* (1)**

蜡皮蜥 *Leiolepis reevesii* (Gray, 1831)

**异鳞蜥属 *Oriocalotes* (1)**

异鳞蜥 *Oriocalotes paulus* (Smith, 1935)

**长鬣蜥属 *Physignathus* (1)**

长鬣蜥 *Physignathus cocincinus* Cuvier, 1829

**岩蜥属 *Laudakia* (6)**

拉萨岩蜥 *Laudakia sacra* (Smith, 1935)

南亚岩蜥 *Laudakia tuberculata* (Gray, 1827)

吴氏岩蜥 *Laudakia wui* Zhao, 1998

西藏岩蜥 *Laudakia papenfussi* Zhao, 1998

喜山岩蜥 *Laudakia himalayana* (Steindachner, 1867)

新疆岩蜥 *Laudakia stoliczkana* (Blanford, 1875)

**攀蜥属 *Japalura* (22)**

草绿攀蜥 *Japalura flaviceps* Barbour and Dunn, 1919

短肢攀蜥 *Japalura brevipes* Gressitt, 1936

昆明攀蜥 *Japalura varcoae* (Boulenger, 1918)

丽纹攀蜥 *Japalura splendida* Barbour and Dunn, 1919

裸耳攀蜥 *Japalura dymondi* (Boulenger, 1906)

米仓山攀蜥 *Japalura micangshanensis* Song, 1987

四川攀蜥 *Japalura szechwanensis* Hu and Zhao 1966

台湾攀蜥 *Japalura swinhonis* Günther, 1864

溪头攀蜥 *Japalura makii* Ota, 1989

宜宾攀蜥 *Japalura grahami* (Stejneger, 1924)

长肢攀蜥 *Japalura andersoniana* Annandale, 1905

喜山攀蜥 *Japalura kumaonensis* (Annandale, 1907)

云南攀蜥 *Japalura yunnanensis* Anderson, 1878

琉球攀蜥 *Japalura polygonata* (Hallowell, 1861)

独龙江攀蜥 *Japalura bapoensis* (Yang and Su 1978)

汶川攀蜥 *Japalura zhaoermii* Goa and Hou, 2002

巴塘攀蜥 *Japalura batangensis* Li, Deng, Wu and Wang, 2001

宜兰攀蜥 *Japalura luei* Ota, Chen and Shang, 1998

绿背攀蜥 *Japalura sagittifera* Smith, 1940

雾林攀蜥 *Japalura tricarinata* (Blyth, 1853)

短尾攀蜥 *Japalura brevicauda* Manthey, Denzer, Hou and Wang, 2012

玉龙攀蜥 *Japalura yulongensis* Manthey, Denzer, Hou and Wang, 2012

**沙蜥属 *Phrynocephalus* (16)**

变色沙蜥 *Phrynocephalus versicolor* Strauch, 1876

大耳沙蜥 *Phrynocephalus mystaceus* (Pallas, 1776)

旱地沙蜥 *Phrynocephalus helioscopus* (Pallas, 1771)  
红尾沙蜥 *Phrynocephalus erythrurus* Zugmayer, 1909  
青海沙蜥 *Phrynocephalus vlangalii* Strauch, 1876  
荒漠沙蜥 *Phrynocephalus przewalskii* Strauch, 1876  
奇台沙蜥 *Phrynocephalus grumgrzimaloi* Bedriaga, 1907  
宽鼻沙蜥 *Phrynocephalus nasatus* Golubev and Dunayev, 1995  
南疆沙蜥 *Phrynocephalus forsythii* Anderson, 1872  
乌拉尔沙蜥 *Phrynocephalus guttatus* (Gmelin, 1789)  
西藏沙蜥 *Phrynocephalus theobaldi* Blyth, 1863  
叶城沙蜥 *Phrynocephalus axillaris* Blanford, 1875  
贵德沙蜥 *Phrynocephalus putjatai* Bedriaga, 1909  
贵南沙蜥 *Phrynocephalus guinanensis* Ji, Wang and Wang 2009  
黑腹沙蜥 *Phrynocephalus melanurus* (Eichwald 1831)  
伊犁沙蜥 *Phrynocephalus alpherakii* (Bedriaga 1906)

#### **棘蜥属 *Acanthosaura* (2)**

丽棘蜥 *Acanthosaura lepidogaster* (Cuvier, 1829)  
长棘蜥 *Acanthosaura armata* (Gray, 1827)

#### **树蜥属 *Calotes* (5)**

白唇树蜥 *Calotes mystaceus* Duméril and Bibron, 1837  
变色树蜥 *Calotes versicolor* (Daudin, 1802)  
绿背树蜥 *Calotes jerdoni* Günther, 1870  
墨脱树蜥 *Calotes medogensis* Zhao and Li, 1984  
棕背树蜥 *Calotes emma* Gray, 1845

#### **拟树蜥属 *Pseudocalotes* (4)**

蚌西拟树蜥 *Pseudocalotes kakhienensis* (Anderson, 1879)  
短肢拟树蜥 *Pseudocalotes brevipes* (Werner, 1904)  
西藏拟树蜥 *Pseudocalotes kingdonwardi* (Smith, 1935)  
细鳞拟树蜥 *Pseudocalotes microlepis* (Boulenger, 1888)

#### **草原蜥属 *Trapelus* (1)**

草原蜥 *Trapelus sanguinolentus* (Pallas, 1814)

### **3.2 蛇亚目 Serpentes——13 科 72 属 239 种**

#### **3.2.1 盲蛇科 Typhlopidae(2:5)**

##### **印度盲蛇属 *Indotyphlops*(3)**

白头钩盲蛇 *Indotyphlops albiceps* (Boulenger, 1898)  
钩盲蛇 *Indotyphlops braminus* (Daudin, 1803)  
香港盲蛇 *Indotyphlops lazelli* (Wallach and Pauwels, 2004)

##### **东南亚盲蛇属 *Argyrophis*(2)**

恒春盲蛇 *Argyrophis koshunensis* (Oshima, 1916)

大盲蛇 *Argyrophis diardii* (Schegel, 1839)

### 3.2.2 蟒科 Boidae(1:2)

#### 沙蟒属 *Eryx*(2)

红沙蟒 *Eryx miliaris* (Pallas, 1773)

东方沙蟒 *Eryx tataricus* (Lichtenstein, 1823)

### 3.2.3 筒蛇科 Cyliodrophiidae (1:1)

#### 筒蛇属 *Cylindrophis* (1)

红尾筒蛇 *Cylindrophis ruffus* (Laurenti, 1768)

### 3.2.4 闪鳞蛇科 Xenopeltidae (1:2)

#### 闪鳞蛇属 *Xenopeltis* (2)

海南闪鳞蛇 *Xenopeltis hainanensis* Hu and Zhao, 1972

闪鳞蛇 *Xenopeltis unicolor* Reinwardt, 1827

### 3.2.5 蚺科 Pythonidae (1:1)

#### 蚺属 *Python*(1)

蟒 *Python bivittatus* Kuhl, 1820

### 3.2.6 瘰鳞蛇科 Acrochordidae (1:1)

#### 瘰鳞蛇属 *Acrochordus* (1)

瘰鳞蛇 *Acrochordus granulatus* (Schneider, 1799)

### 3.2.7 闪皮蛇科 Xenodermatidae (1:8)

#### 脊蛇属 *Achalinus*(8)

阿里山脊蛇 *Achalinus niger* (Maki, 1931)

台湾脊蛇 *Achalinus formosanus* Boulenger, 1908

海南脊蛇 *Achalinus hainanus* Huang, 1975

井冈山脊蛇 *Achalinus jinggangensis* (Zong and Ma, 1983)

黑脊蛇 *Achalinus spinalis* Peters, 1869

青脊蛇 *Achalinus ater* Bourret, 1937

美姑脊蛇 *Achalinus meiguensis* Hu and Zhao, 1966

棕脊蛇 *Achalinus rufescens* Boulenger, 1888

### 3.2.8 钝头蛇科 Pareatidae(1:9)

#### 钝头蛇属 *Pareas* (9)

平鳞钝头蛇 *Pareas boulengeri* (Angel, 1920)

棱鳞钝头蛇 *Pareas carinatus* (Boie, 1828)

中国钝头蛇 *Pareas chinensis* (Barbour, 1912)

台湾钝头蛇 *Pareas formosensis* (Van Denburgh, 1909)

缅甸钝头蛇 *Pareas hamptoni* (Boulenger, 1905)

横纹钝头蛇 *Pareas margaritophorus* (Jan, 1866)

喜山钝头蛇 *Pareas monticola* (Cantor, 1839)

福建钝头蛇 *Pareas stanleyi* (Boulenger, 1914)

黑顶钝头蛇 *Pareas nigriceps* Guo and Deng, 2009

### 3.2.9 蝰科 Viperidae (11:37)

#### 白头蝰属 *Azemiops* (2)

白头蝰 *Azemiops kharini* Orlov, Ryabov and Nguyen, 2013

黑头蝰 *Azemiops feae* Boulenger, 1888

#### 圆斑蝰属 *Daboia* (1)

泰国圆斑蝰 *Daboia siamensis* (Smith, 1917)

#### 蝰属 *Vipera* (2)

东方蝰 *Vipera renardi* (Christoph, 1861)

极北蝰 *Vipera berus* (Linnaeus, 1758)

#### 原矛头蝮属 *Protobothrops* (9)

菜花原矛头蝮 *Protobothrops jerdonii* (Günther, 1875)

原矛头蝮 *Protobothrops mucrosquamatus* (Cantor, 1839)

缅北原矛头蝮 *Protobothrops kaulbacki* (Smith, 1940)

乡城原矛头蝮 *Protobothrops xiangchengensis* (Zhao, Jiang and Huang, 1979)

莽山原矛头蝮 *Protobothrops mangshanensis* (Zhao, 1990)

大别山原矛头蝮 *Protobothrops dabieshanensis* Huang, Pan, Han, Zhang, Hou, Yu, Zheng and Zhang, 2012

喜山原矛头蝮 *Protobothrops himalayanus* Pan, Chettri, Yang, Jiang, Wang, Zhang and Vogel, 2013

角原矛头蝮 *Protobothrops cornutus* (Smith, 1930)

茂兰原矛头蝮 *Protobothrops maolanensis* Yang, Orlov and Wang, 2011

#### 尖吻蝮属 *Deinagkistrodon* (1)

尖吻蝮 *Deinagkistrodon acutus* (Günther, 1888)



#### 烙铁头蛇属 *Ovophis* (4)

台湾烙铁头蛇 *Ovophis makazayazaya* (Takahashi, 1922).

察隅烙铁头蛇 *Ovophis zayuensis* (Jiang, 1977)

越南烙铁头蛇 *Ovophis tonkinensis* (Bourrt, 1934).

山烙铁头蛇 *Ovophis monticola* (Günther, 1864).

#### 绿蝮 *Viridovipera* (4)

墨脱绿蝮 *Viridovipera medoensis* (Zhao, 1977)

云南绿蝮 *Viridovipera yunnanensis* (Schmidt, 1925)

福建绿蝮 *Viridovipera stejnegeri* (Schmidt, 1925)

冈氏绿蝮 *Viridovipera gumprechtii* (David, Vogel, Pauwels and Vidal, 2002)

#### 华蝮属 *Sinovipera* (1)

四川华蝮 *Sinovipera sichuanensis* Guo and Wang, 2011

#### 喜山蝮属 *Himalayophis* (1)

西藏喜山蝮 *Himalayophis tibetanus* (Huang, 1982)

#### 竹叶青属 *Trimeresurus* (2)

白唇竹叶青蛇 *Trimeresurus albolabris* (Gray, 1842)

台湾竹叶青蛇 *Trimeresurus gracilis* Ôshima, 1920

#### 亚洲蝮属 *Gloydius*(10)

短尾蝮 *Gloydius brevicaudus* (Stejneger, 1907)

乌苏里蝮 *Gloydius ussuriensis* (Emelianov, 1929)

高原蝮 *Gloydius strauchi* (Bedriaga, 1912)

雪山蝮 *Gloydius monticola* (Werner, 1922)

六盘山蝮 *Gloydius liupanensis* Liu, Song and Luo, 1989

秦岭蝮 *Gloydius qinlingensis* (Song and Chen, 1985)

蛇岛蝮 *Gloydius shedaoensis* (Zhao, 1979)

中介蝮 *Gloydius intermedius* (Strauch, 1868)

庙岛蝮 *Gloydius lijianlii* Jiang and Zhao, 2009

岩栖蝮 *Gloydius saxatilis* (Emelianov, 1937)

### 3.2.10 水蛇科 Homalopsidae (3:4)

#### 沼蛇属 *Myrrophis* (2)

中国沼蛇 *Myrrophis chinensis* (Gray, 1842)

黑斑沼蛇 *Myrrophis bennettii* (Gray, 1842)

#### 铅色蛇属 *Hypsiscopus* (1)

铅色蛇 *Hypsiscopus plumbea* (Boie, 1827)

#### 腹斑蛇属 *Subsessor* (1)

腹斑蛇 *Subsessor bocourti* (Jan, 1865)

### 3.2.11 鳗形蛇科 *Lamprophiidae* (2:2)

#### 紫沙蛇属 *Psammodynastes*(1)

紫沙蛇 *Psammodynastes pulverulentus* (Boie, 1827)

#### 花条蛇属 *Psammophis*(1)

花条蛇 *Psammophis lineolatus* (Brandt, 1838)

### 3.2.12 眼镜蛇科 *Elapidae* (7:26)

#### 中华珊瑚蛇属 *Sinomicrurus*(4)

福建华珊瑚蛇 *Sinomicrurus kelloggi* (Pope, 1928)

梭德氏华珊瑚蛇 *Sinomicrurus sauteri* (Steindachner, 1913)

羽鸟氏华珊瑚蛇 *Sinomicrurus hatori* (Takahashi, 1930)

中华珊瑚蛇 *Sinomicrurus maclellandi* (Reinhardt, 1844)

#### 眼镜王蛇属 *Ophiophagus* (1)

眼镜王蛇 *Ophiophagus hannah* (Cantor, 1836)

#### 眼镜蛇属 *Naja* (2)

舟山眼镜蛇 *Naja atra* Cantor, 1842

孟加拉眼镜蛇 *Naja kaouthia* Lesson, 1831

#### 环蛇属 *Bungarus* (3)

环蛇 *Bungarus bungaroides* (Cantor, 1839)

金环蛇 *Bungarus fasciatus* (Schneider, 1801)

银环蛇 *Bungarus multicinctus* Blyth, 1861

#### 扁尾海蛇属 *Laticauda* (3)

蓝灰扁尾海蛇 *Laticauda colubrina* (Schneider, 1799)

扁尾海蛇 *Laticauda laticaudata* (Linnaeus, 1758)

半环扁尾海蛇 *Laticauda semifasciata* (Reinwardt, 1837)

#### 龟头海蛇属 *Emydocephalus* (1)

龟头海蛇 *Emydocephalus ijimae* Stejneger, 1898

#### 海蛇属 *Hydrophis* (12)

青环海蛇 *Hydrophis cyanocinctus* Daudin, 1803

环纹海蛇 *Hydrophis fasciatus* (Schneider, 1799).

黑头海蛇 *Hydrophis melanocephalus* Gray, 1849

淡灰海蛇 *Hydrophis ornatus* (Gray, 1842)

棘毗海蛇 *Hydrophis peronii* (Duméril, 1853)

棘鳞海蛇 *Hydrophis stokesii* (Gray, 1846)

青灰海蛇 *Hydrophis caeruleus* (Shaw, 1802)

平颈海蛇 *Hydrophis curtus* (Shaw, 1802)

小头海蛇 *Hydrophis gracilis* (Shaw, 1802)

长吻海蛇 *Hydrophis platura* (Linnaeus, 1766)

截吻海蛇 *Hydrophis jerdonii* (Gray, 1849)

海蝰 *Hydrophis viperina* (Schmidt, 1852)

### 3.2.13 游蛇科 Colubridae (40:141)

白眶蛇属 *Amphiesmoides* (1)

白眶蛇 *Amphiesmoides ornaticeps* (Werner, 1924)

珠光蛇属 *Blythia* (1)

珠光蛇 *Blythia reticulata* (Blyth, 1854)

滑鳞蛇属 *Liopeltis* (1)

滑鳞蛇 *Liopeltis frenatus* (Günther, 1858)

黄腹杆蛇属 *Rhabdops* (1)

黄腹杆蛇 *Rhabdops bicolor* (Blyth, 1854)

两头蛇属 *Calamaria* (3)

云南两头蛇 *Calamaria yunnanensis* Chernov, 1962

钝尾两头蛇 *Calamaria septentrionalis* Boulenger, 1890

尖尾两头蛇 *Calamaria pavementata* Duméril, Bibron and Duméril, 1854

颈斑蛇属 *Plagiopholis* (4)

福建颈斑蛇 *Plagiopholis styani* (Boulenger, 1899)

颈斑蛇 *Plagiopholis blakewayi* Boulenger, 1893

云南颈斑蛇 *Plagiopholis unipostocularis* Zhao, Jiang, Huang, 1978

缅甸颈斑蛇 *Plagiopholis nuchalis* (Boulenger, 1893).

斜鳞蛇属 *Pseudoxenodon* (4)

崇安斜鳞蛇 *Pseudoxenodon karlschmidti* Pope, 1928

大眼斜鳞蛇 *Pseudoxenodon macrops* (Blyth, 1855)

横纹斜鳞蛇 *Pseudoxenodon bambusicola* Vogt, 1922

纹尾斜鳞蛇 *Pseudoxenodon stejnegeri* Barbour, 1908

剑蛇属 *Sibynophis* (2)

黑领剑蛇 *Sibynophis collaris* (Gray, 1853)

黑头剑蛇 *Sibynophis chinensis* (Günther, 1889)

瘦蛇属 *Ahaetulla* (1)

绿瘦蛇 *Ahaetulla prasina* (Boie, 1827)

金花蛇属 *Chrysopelea* (1)

金花蛇 *Chrysopelea ornata* (Shaw, 1802)

过树蛇属 *Dendrelaphis* (4)

喜山过树蛇 *Dendrelaphis biloreatus* Wall, 1908

过树蛇 *Dendrelaphis pictus* (Gmelin, 1789)

八莫过树蛇 *Dendrelaphis subocularis* (Boulenger, 1888)

香港过树蛇 *Dendrelaphis hollinrakei* Lazell, 2002

林蛇属 *Boiga* (4)

广西林蛇 *Boiga guangxiensis* Wen, 1998

绿林蛇 *Boiga cyanea* (Duméril, Bibron and Duméril, 1854)

繁花林蛇 *Boiga multomaculata* (Boie, 1827)

绞花林蛇 *Boiga kraepelini* Stejneger, 1902

#### 小头蛇属 *Oligodon* (12)

束纹小头蛇 *Oligodon fasciolatus* (Günther, 1864)

黑带小头蛇 *Oligodon melanozonatus* Wall, 1922

菱斑小头蛇 *Oligodon catenatus* (Blyth, 1854)

方斑小头蛇 *Oligodon nagao* David, Nguyen, Nguyen, Jiang, Chen, Teynié and Ziegler, 2012

龙胜小头蛇 *Oligodon lungshenensis* Zheng and Huang, 1978

饰纹小头蛇 *Oligodon ornatus* Van Denburgh, 1909

台湾小头蛇 *Oligodon formosanus* (Günther, 1872)

泰北小头蛇 *Oligodon joynsoni* (Smith, 1917)

喜山小头蛇 *Oligodon albocinctus* (Cantor, 1839)

圆斑小头蛇 *Oligodon lacroixi* Angel and Bourret, 1933

中国小头蛇 *Oligodon chinensis* (Günther, 1888)

紫棕小头蛇 *Oligodon cinereus* (Günther, 1864)

#### 线形蛇属 *Stichophanes* (1)

宁陕线形蛇 *Stichophanes ningshaanensis* (Yuan, 1983)

#### 三索蛇属 *Coelognathus* (1)

三索蛇 *Coelognathus radiatus* (Boie, 1827)

#### 翠青蛇属 *Cyclophiops* (3)

纯绿翠青蛇 *Cyclophiops doriae* Boulenger, 1888

横纹翠青蛇 *Cyclophiops multicinctus* (Roux, 1907)

翠青蛇 *Cyclophiops major* (Günther, 1858)

#### 秘纹蛇属 *Hemorrhois* (1)

秘纹蛇 *Hemorrhois ravergieri* (Ménétries, 1832)

#### 东方蛇属 *Orientocoluber* (1)

黄脊东方蛇 *Orientocoluber spinalis* (Peters, 1866)

#### 鼠蛇属 *Ptyas* (5)

滑鼠蛇 *Ptyas mucosa* (Linnaeus, 1758)

灰鼠蛇 *Ptyas korros* (Schlegel, 1837)

乌梢蛇 *Ptyas dhumnades* (Cantor, 1842)

黑网乌梢蛇 *Ptyas carinata* (Günther, 1858)

黑线乌梢蛇 *Ptyas nigromarginata* (Blyth, 1854)

#### 绿蛇属 *Rhadinophis* (2)

绿蛇 *Rhadinophis prasinus* (Blyth, 1854)

灰腹绿蛇 *Rhadinophis frenatus* (Gray, 1853)

#### 尖喙蛇属 *Rhynchophis* (1)

尖喙蛇 *Rhynchophis boulengeri* Mocquard, 1897

#### 链蛇属 *Lycodon* (15)

白环链蛇 *Lycodon aulicus* (Linnaeus, 1758)

黑背链蛇 *Lycodon ruhstrati* (Fischer, 1886)

福清链蛇 *Lycodon futsingensis* (Pope, 1928)

细白链蛇 *Lycodon subcinctus* Boie, 1827

双全链蛇 *Lycodon fasciatus* (Anderson, 1879)

老挝链蛇 *Lycodon laoensis* Günther, 1864

东川链蛇 *Lycodon synaptor* Vogel and David, 2010

横纹链蛇 *Lycodon multizonatum* (Zhao and Jiang, 1981)

刘氏链蛇 *Lycodon liuchengchaoi* Zhang, Jiang, Vogel and Rao, 2011

贡山链蛇 *Lycodon gongshan* Vogel and Luo, 2011

粉链蛇 *Lycodon rosozonatum* (Hu and Zhao, 1972)

赤链蛇 *Lycodon rufozonatum* Cantor, 1842

黄链蛇 *Lycodon flavozonatum* (Pope, 1928)

南方链蛇 *Lycodon meridionale* (Bourret, 1935)

北链蛇 *Lycodon septentrionalis* (Günther, 1875)

#### 方花蛇属 *Archelaphe* (1)

方花蛇 *Archelaphe bella* (Stanley, 1917)

#### 玉斑蛇属 *Euprepriophis* (2)

玉斑蛇 *Euprepriophis mandarinus* (Cantor, 1842)

横纹玉斑蛇 *Euprepriophis perlacea* (Stejneger, 1929)

#### 紫灰蛇属 *Oreocryptophis* (1)

紫灰蛇 *Oreocryptophis porphyraceus* (Cantor, 1839)

#### 晨蛇属 *Orthriophis* (4)

百花晨蛇 *Orthriophis moellendorffi* (Boettger, 1886)

黑眉晨蛇 *Orthriophis taeniurus* (Cope, 1861)

南峰晨蛇 *Orthriophis hodgsonii* (Günther, 1860)

坎氏晨蛇 *Orthriophis cantoris* (Boulenger, 1894)

#### 锦蛇属 *Elaphe* (7)

赤峰锦蛇 *Elaphe anomala* (Boulenger, 1916)

王锦蛇 *Elaphe carinata* (Günther, 1864)

团花锦蛇 *Elaphe davidi* (Sauvage, 1884)

棕黑锦蛇 *Elaphe schrenckii* (Strauch, 1873)

白条锦蛇 *Elaphe dione* (Pallas, 1773)

双斑锦蛇 *Elaphe bimaculata* Schmidt, 1925

若尔盖锦蛇 *Elaphe zoigeensis* Huang, Ding, Burbrink, Yang, Huang, Ling, Chen and Zhang, 2012

#### 滞卵蛇属 *Oocatochus* (1)

红纹滞卵蛇 *Oocatochus rufodorsatus* (Cantor, 1842)

#### 垺蛇属 *Trachischium* (2)

山垺蛇 *Trachischium monticola* (Cantor, 1839)

小头垺蛇 *Trachischium tenuiceps* (Blyth, 1854)

#### 腹链蛇属 *Amphiesma* (1)

草腹链蛇 *Amphiesma stolatum* (Linnaeus, 1758)

### 东亚腹链蛇属 *Hebius*(16)

- 丽纹腹链蛇 *Hebius optatum* (Hu and Zhao, 1966)  
锈链腹链蛇 *Hebius craspedogaster* (Boulenger, 1899)  
无颞鳞腹链蛇 *Hebius atemporale* (Bourret 1934)  
白眉腹链蛇 *Hebius boulengeri* (Gressitt, 1937)  
八线腹链蛇 *Hebius octolineatum* (Boulenger, 1904)  
坡普腹链蛇 *Hebius popei* (Schmidt, 1925)  
棕黑腹链蛇 *Hebius sauteri* (Boulenger, 1909)  
腹斑腹链蛇 *Hebius modestum* (Günther, 1875)  
棕网腹链蛇 *Hebius johannis* (Boulenger, 1908)  
卡西腹链蛇 *Hebius khasiense* (Boulenger, 1890)  
东亚腹链蛇 *Hebius vibakari* (Boie, 1826)  
缅北腹链蛇 *Hebius venningi* (Wall, 1910)  
台北腹链蛇 *Hebius miyajimae* (Maki, 1931)  
黑带腹链蛇 *Hebius bitaeniatum* (Wall, 1925)  
瓦屋山腹链蛇 *Hebius metusia* (Inger, Zhao, Shaffer and Wu, 1990)  
双带腹链蛇 *Hebius parallelum* (Boulenger, 1890)

### 喜山腹链蛇属 *Herpetoreas* (2)

- 平头腹链蛇 *Herpetoreas platyceps* (Blyth, 1854)  
察隅腹链蛇 *Herpetoreas burbrinki* Guo, Zhu, Liu, Zhang, Li, Huang and Pyron, 2014

### 颈棱蛇属 *Macropisthodon* (1)

- 颈棱蛇 *Macropisthodon rudis* Boulenger, 1906

### 颈槽蛇属 *Rhabdophis* (10)

- 台湾颈槽蛇 *Rhabdophis swinhonis* (Günther, 1868)  
海南颈槽蛇 *Rhabdophis adleri* Zhao, 1997  
黑纹颈槽蛇 *Rhabdophis nigrocinctus* (Blyth, 1856)  
红脖颈槽蛇 *Rhabdophis subminiatus* (Schlegel, 1837)  
虎斑颈槽蛇 *Rhabdophis tigrinus* (Boie, 1826)  
颈槽蛇 *Rhabdophis nuchalis* (Boulenger, 1891)  
九龙颈槽蛇 *Rhabdophis pentasupralabialis* Jiang and Zhao, 1983  
缅甸颈槽蛇 *Rhabdophis leonardi* (Wall, 1923)  
喜山颈槽蛇 *Rhabdophis himalayanus* (Günther, 1864)  
广东颈槽蛇 *Rhabdophis guangdongensis* Zhu, Wang, Takeuchi and Zhao, 2014

### 异色蛇属 *Xenochrophis* (2)

- 异色蛇 *Xenochrophis piscator* (Schneider, 1799)  
黄斑异色蛇 *Xenochrophis flavipunctatus* (Hallowell, 1860)

### 滇西蛇属 *Atretium* (1)

- 滇西蛇 *Atretium yunnanensis* Anderson, 1879

### 后棱蛇属 *Opisthotropis* (12)

- 刘氏后棱蛇 *Opisthotropis laui* Yang, Sung and Chan, 2013  
横纹后棱蛇 *Opisthotropis balteata* (Cope, 1895)

莽山后棱蛇 *Opisthotropis cheni* Zhao, 1999

广西后棱蛇 *Opisthotropis guangxiensis* Zhao, Jiang and Huang, 1978

沙坝后棱蛇 *Opisthotropis jacobi* Angel and Bourret, 1933

挂墩后棱蛇 *Opisthotropis kuatunensis* Pope, 1928

侧条后棱蛇 *Opisthotropis lateralis* Boulenger, 1903

山溪后棱蛇 *Opisthotropis latouchii* (Boulenger, 1899)

香港后棱蛇 *Opisthotropis andersonii* (Boulenger, 1888)

黄斑后棱蛇 *Opisthotropis maculosa* Stuart and Chuaynkern, 2007

福建后棱蛇 *Opisthotropis maxwelli* Boulenger, 1914

老挝后棱蛇 *Opisthotropis praemaxillaris* (Angel, 1929)

#### **华游蛇属 *Sinonatrix* (4)**

赤链华游蛇 *Sinonatrix annularis* (Hallowell, 1856)

环纹华游蛇 *Sinonatrix aequifasciata* (Barbour, 1908)

乌华游蛇 *Sinonatrix percarinata* (Boulenger, 1899)

云南华游蛇 *Sinonatrix yunnanensis* Rao and Yang, 1998

#### **水游蛇属 *Natrix* (2)**

水游蛇 *Natrix natrix* (Linnaeus, 1758)

棋斑水游蛇 *Natrix tessellata* (Laurenti, 1768)

#### **温泉蛇属 *Thermophis* (3)**

四川温泉蛇 *Thermophis zhaoermii* Guo, Liu, Feng and He, 2008

温泉蛇 *Thermophis baileyi* (Wall, 1907)

香格里拉温泉蛇 *Thermophis shangrila* Peng, Lu, Huang, Guo and Zhang, 2014



附录 2 科级分类阶元调整 Taxonomic adjustment for families

新科名 New family names	旧科名 Old family names	文献或依据 Source
鼋科 Alligatoridae	鳄科 Crocodylidae 鼋亚科 Alligatorinae	张孟闻等, 1998; Brochu, 2003; Gatesy <i>et al.</i> , 2004; Willis, 2009; Oaks, 2011; Erickson <i>et al.</i> , 2012; Jaratlerdsiri <i>et al.</i> , 2014
地龟科 Geoemydidae	龟科 Emydidae 水龟亚科 Batagurinae	Shaffer <i>et al.</i> , 1997; 张孟闻等, 1998; Krenz <i>et al.</i> , 2005; Zhang <i>et al.</i> , 2008; Barley <i>et al.</i> , 2010; Thomson & Shaffer, 2010; Dijk <i>et al.</i> , 2014
球趾虎科 Sphaerodactylidae		Gamble <i>et al.</i> , 2008, 2011, 2012; Pyron <i>et al.</i> , 2013
闪皮蛇科 Xenodermatidae		
钝头蛇科 Preatidae		Vidal <i>et al.</i> , 2007; Wiens <i>et al.</i> , 2008; Zaher <i>et al.</i> , 2009; Pyron <i>et al.</i> , 2011, 2013; Wallach <i>et al.</i> , 2014
水蛇科 Homalopsidae		
鳗形蛇科 Lamprophiidae		

附录 3 属、种级分类阶元调整 Taxonomic adjustment for genera and species

新属名 New genus names	新种名 New species names	旧属名 Old genus names	旧种名 Old species names	文献或依据 Source
斑鳖属 <i>Rafetus</i>	斑鳖 <i>R. swinhoei</i>	斯氏鳖属 <i>Rafetus</i>	斯氏鳖 <i>R. swinhoei</i>	Le & Pritchard, 2009; 王剑等, 2010; 史海涛, 2011; 周婷和李丕鹏, 2013
		鼈属 <i>Pelochelys</i>	斑鼈 <i>P. maculatus</i>	
鳖属 <i>Pelodiscus</i>	中华鳖 <i>P. sinensis</i>	鳖属 <i>Pelodiscus</i>	鳖 <i>P. sinensis</i>	史海涛, 2011; 周婷和李丕鹏, 2013
	东北鳖 <i>P. maackii</i>			Fritz & Havaš, 2007; Fritz <i>et al.</i> , 2010; 周婷和李丕鹏, 2013; Le <i>et al.</i> , 2014
	小鳖 <i>P. parviformis</i>			唐业忠, 1997; Yang P <i>et al.</i> , 2011; 周婷和李丕鹏, 2013; Le <i>et al.</i> , 2014
	砂鳖 <i>P. axenaria</i>			周工健等, 1991; 陈合格等, 2006; Fritz <i>et al.</i> , 2010; 周婷和李丕鹏, 2013; Le <i>et al.</i> , 2014
拟水龟属 <i>Mauremy</i>	乌龟 <i>M. reevesii</i>	龟属 <i>Chinemys</i>	乌龟 <i>C. reevesii</i>	Spinks <i>et al.</i> , 2004
			大头乌龟 <i>C. megaloccephala</i>	Iverson <i>et al.</i> , 1989; Barth <i>et al.</i> , 2002, 2004; Feldman & Parham, 2004; Shen <i>et al.</i> , 2013
	花龟 <i>M. sinensis</i>	花龟属 <i>Ocadia</i>	花龟 <i>O. sinensis</i>	Spinks <i>et al.</i> , 2004
闭壳龟属 <i>Cuora</i>	锯缘闭壳龟 <i>C. mouhotii</i>	锯缘摄龟属 <i>Pyxidea</i>	锯缘摄龟 <i>P. mouhotii</i>	Stuart & Parham, 2004; Zhang <i>et al.</i> , 2008

	三线闭壳龟 <i>C. trifasciata</i>	闭壳龟属 <i>Cuora</i>	越南三线闭壳龟 <i>C. cyclornata</i>	Spinks & Shaffer, 2006; Spinks <i>et al.</i> , 2009
摄龟属 <i>Cyclemys</i>	欧氏摄龟 <i>C. oldhamii</i>	齿缘摄龟属 <i>Cyclemys</i>	滇南摄龟 <i>C. tiannanensis</i>	Fritz <i>et al.</i> , 2008; Stuart & Fritz, 2008; 周婷和李丕鹏, 2013
海龟属 <i>Chelonia</i>	绿海龟 <i>C. mydas</i>	海龟属 <i>Chelonia</i>	海龟 <i>C. mydas</i>	专家意见
蠐龟属 <i>Caretta</i>	红海龟 <i>C. caretta</i>	蠐龟属 <i>Caretta</i>	蠐龟 <i>C. caretta</i>	专家意见
弯脚虎属 <i>Cyrtopodion</i>	大敦弯脚虎 <i>C. dadunensis</i>			Shi & Zhao, 2011
隆趾虎属 <i>Altiphylax</i>	宽斑隆趾虎 <i>A. stoliczkai</i>	弯脚虎属 <i>Cyrtopodion</i>	宽斑弯脚虎 <i>C. stoliczkai</i>	时磊, 2010; Bauer <i>et al.</i> , 2013
中趾虎属 <i>Mediodactylus</i>	灰中趾虎 <i>A. russowii</i>		灰弯脚虎 <i>C. russowii</i>	
裸趾虎属 <i>Cyrtodactylus</i>	卡西裸趾虎 <i>C. khasiensis</i>		卡西弯脚虎 <i>C. khasiensis</i>	
	西藏裸趾虎 <i>C. tibetanus</i>		西藏弯脚虎 <i>C. tibetanus</i>	
	瓦氏裸趾虎 <i>C. wayakonei</i>			Nguyen <i>et al.</i> , 2010; Yuan & Rao, 2011
	赵氏裸趾虎 <i>C. zhaoermii</i>			Shi & Zhao, 2010
半叶趾虎属 <i>Hemiphyllodactylus</i>	半叶趾虎 <i>H. typus</i>			吕光洋等, 1999; 向高世等, 2009
蜥虎属 <i>Hemidactylus</i>	史氏蜥虎 <i>H. stejnegeri</i>	蜥虎属 <i>Hemidactylus</i>	台湾蜥虎 <i>H. stejnegeri</i>	
	缅北蜥虎			McMahan & Zug, 2007; Bauer <i>et al.</i> , 2010

	<i>H. aquilonius</i>			
	锯尾蜥虎 <i>H. garnotii</i>			蒋爱伍等, 2006; 杨大同和饶定齐, 2008
	蝎尾蜥虎 <i>H. platyurus</i>	蝎虎属 <i>Platyurus</i>	蝎虎 <i>P. platyurus</i>	Carranza & Arnold, 2006; Pyron <i>et al.</i> , 2013
壁虎属 <i>Gekko</i>	黑疣大壁虎 <i>G. reevesii</i>	壁虎属 <i>Gekko</i>	大壁虎黑疣亚种 <i>G. gekko reevesii</i>	杜世章等, 2002; 秦新民等, 2007a, b; Rösler <i>et al.</i> , 2011; 邓欢欢等, 2011
	梅氏壁虎 <i>G. melli</i>			Ota <i>et al.</i> , 1995; Rösler <i>et al.</i> , 2011; Yang <i>et al.</i> , 2012
	海南壁虎 <i>G. similignum</i>			Ota <i>et al.</i> , 1995; Rösler <i>et al.</i> , 2011
	文县壁虎 <i>G. wenxianensis</i>			Zhou & Wang, 2008; Nguyen <i>et al.</i> , 2013
	鹰氏壁虎 <i>G. adleri</i>			Nguyen <i>et al.</i> , 2013
睑虎属 <i>Goniurosaurus</i>	里氏睑虎 <i>G. lichtenfelderi</i>	睑虎属 <i>Goniurosaurus</i>	睑虎指名亚种 <i>G. lichtenfelderi</i>	张洁等, 2014
	海南睑虎 <i>G. hainanensis</i>		睑虎海南亚种 <i>G. l. hainanensis</i>	Blair <i>et al.</i> , 2009; 张洁等, 2014
	凭祥睑虎 <i>G. luii</i>			Grismer <i>et al.</i> , 1999; 张洁等, 2014
	霸王岭睑虎 <i>G. bawanglingensis</i>			Grismer <i>et al.</i> , 2002; 张洁等, 2014
	英德睑虎 <i>G. yingdeensis</i>			Wang <i>et al.</i> , 2010; 张洁等, 2014
	荔波睑虎 <i>G. liboensis</i>			Wang <i>et al.</i> , 2013a; 张洁等, 2014

	越南睑虎 <i>G. araneus</i>			Chen TB <i>et al.</i> , 2014
	蜚龙睑虎 <i>G. zhelongi</i>			Wang YY <i>et al.</i> , 2014; 张洁等, 2014
沙虎属 <i>Teratoscincus</i>	吐鲁番沙虎 <i>T. roborowskii</i>			Macey <i>et al.</i> , 1997, 1999; Rösler, 2000
蜓蜥属 <i>Sphenomorphus</i>	北部湾蜓蜥 <i>S. tonkinensis</i>			Wang <i>et al.</i> , 2013b
石龙子属 <i>Plestiodon</i>	越南石龙子 <i>P. tamdaoensis</i>	石龙子属 <i>Eumeces</i>	越南石龙子 <i>E. tamdaoensis</i>	Griffith <i>et al.</i> , 2000; Hikida <i>et al.</i> , 2001; Schmitz <i>et al.</i> , 2004; Brandley <i>et al.</i> , 2005, 2011, 2012; Pyron <i>et al.</i> , 2013
蜥蜴属 <i>Lygosoma</i>	侏蜥 <i>L. bowringii</i>	侏蜥属 <i>Riopa</i>	侏蜥 <i>R. bowringii</i>	Geissler <i>et al.</i> , 2011, 2012; Pyron <i>et al.</i> , 2013
南蜥属 <i>Eutropis</i>	库氏南蜥 <i>E. cumingi</i>	南蜥属 <i>Mabuya</i>	库氏南蜥 <i>M. cumingi</i>	Ota & Huang, 2000; Mausfeld <i>et al.</i> , 2002; Pyron <i>et al.</i> , 2013
泛蜥属 <i>Ablepharus</i>	阿赖山泛蜥 <i>A. alaicus</i>	裂睑蜥属 <i>Asymblepharus</i>	阿赖山裂睑蜥 <i>A. alaicus</i>	Pyron <i>et al.</i> , 2013; 专家意见
	沙地泛蜥 <i>A. deserti</i>			时磊等, 2006
草蜥属 <i>Takydromus</i>	崇安草蜥 <i>T. sylvaticus</i>	地蜥属 <i>Platyplacopus</i>	崇安地蜥 <i>P. sylvaticus</i>	Arnold, 1997; Lin <i>et al.</i> , 2002; Pyron <i>et al.</i> , 2013
	峨眉草蜥 <i>T. intermedius</i>		峨眉地蜥 <i>P. intermedius</i>	
	古氏草蜥 <i>T. kuehnei</i>		台湾地蜥 <i>P. kuehnei</i>	Arnold, 1997; Lin <i>et al.</i> , 2002; Lue & Lin, 2008; 向高世等, 2009; Pyron <i>et al.</i> , 2013
	鹿野草蜥			

	<i>T. luyeanus</i>			
	翠斑草蜥			
	<i>T. viridipunctatus</i>			
麻蜥属 <i>Eremias</i>	莎车麻蜥 <i>E. yarkandensis</i>	麻蜥属 <i>Eremias</i>	密点麻蜥莎车亚种 <i>E. multiocellata yarkandensis</i>	Jeremčenko & Panfilov, 1999; Ananjeva <i>et al.</i> , 2006; Sindaco & Jeremčenko, 2008
	科克沙尔麻蜥 <i>E. kokshaaliensis</i>		密点麻蜥科可沙尔亚种 <i>E. multiocellata kokshaaliensis</i>	
	天山麻蜥 <i>E. stummeri</i>		密点麻蜥天山亚种 <i>E. multiocellata stummeri</i>	
	喀什麻蜥 <i>E. buechneri</i>			Szczerbak & Golubev, 2003; Sindaco & Jeremčenko, 2008
	方额麻蜥 <i>E. quadrifrons</i>			Zhao & Adler, 1993; Sindaco & Jeremčenko, 2008; Guo XG <i>et al.</i> , 2011
胎蜥属 <i>Zootoca</i>	胎蜥 <i>Z. vivipara</i>	蜥蜴属 <i>Lacerta</i>	胎生蜥蜴 <i>L. vivipara</i>	Sindaco & Jeremčenko, 2008; Arribas OJ, 2009; Cornetti <i>et al.</i> , 2015
脆蛇蜥属 <i>Dopasia</i>	脆蛇蜥 <i>D. harti</i>	脆蛇属 <i>Ophisaurus</i>	台湾脆蛇 <i>O. formosensis</i>	Lin <i>et al.</i> , 2003; Conrad <i>et al.</i> , 2011; Nguyen <i>et al.</i> , 2011; Pyron <i>et al.</i> , 2013
	海南脆蛇蜥 <i>D. hainanensis</i>		脆蛇 <i>O. harti</i>	Conrad <i>et al.</i> , 2011; Nguyen <i>et al.</i> , 2011; Pyron <i>et al.</i> , 2013
	细脆蛇蜥 <i>D. gracilis</i>		海南脆蛇 <i>O. hainanensis</i>	
			细脆蛇 <i>O. gracilis</i>	
巨蜥属 <i>Varanus</i>	伊江巨蜥 <i>V. irrawadicus</i>	巨蜥属 <i>Varanus</i>	孟加拉巨蜥指明亚种伊江居群	杨大同和饶定齐, 2008

蔡波, 王跃招, 陈跃英, 李家堂. 中国爬行纲动物分类厘定. 生物多样性, 2015, 23(3): 365-382.  
<http://www.biodiversity-science.net/CN/article/downloadArticleFile.do?attachType=PDF&id=10021>

			<i>V. bengalensis bengalensis</i>	
岩蜥属 <i>Paralaudakia</i>	新疆岩蜥 <i>P. stoliczkana</i>	岩蜥属 <i>Paralaudakia</i>	塔里木岩蜥 <i>P. stoliczkana</i>	Peters, 1971; Baig <i>et al.</i> , 2012
攀蜥属 <i>Japalura</i>	汶川攀蜥 <i>J. zhaoermii</i>	龙蜥属 <i>Japalura</i>	汶川龙蜥 <i>J. zhaoermii</i>	高正发和侯勉, 2002; Manthey <i>et al.</i> , 2012
	巴塘攀蜥 <i>J. batangensis</i>			李操等, 2001; 巫嘉伟等, 2005; Manthey <i>et al.</i> , 2012
	宜兰攀蜥 <i>J. luei</i>			Ota <i>et al.</i> , 1998; 吕光洋等, 1999; 向高世等, 2009
	绿背攀蜥 <i>J. sagittifera</i>			Kunte & Manthey, 2009
	雾林攀蜥 <i>J. tricarinata</i>			Macey <i>et al.</i> , 2000; Kunte & Manthey, 2009
	短尾攀蜥 <i>J. brevicauda</i>			Manthey <i>et al.</i> , 2012
	玉龙攀蜥 <i>J. yulongensis</i>			
	独龙江攀蜥 <i>J. bapoensis</i>		西藏树蜥巴坡亚种 <i>P. kingdonwardi bapoensis</i>	杨大同和饶定齐, 2008
拟树蜥属 <i>Pseudocalotes</i>	蚌西拟树蜥 <i>P. kakhienensis</i>	树蜥属 <i>Pseudocalotes</i>	蚌西树蜥 <i>C. kakhienensis</i>	Hallermann & Böhme, 2000; Mahony, 2010; Pyron <i>et al.</i> , 2013
	短肢拟树蜥 <i>P. brevipes</i>		短肢树蜥 <i>C. brevipes</i>	
	西藏拟树蜥 <i>P. kingdonwardi</i>		西藏树蜥 <i>C. kingdonwardi</i>	
	细鳞拟树蜥 <i>P. microlepis</i>		细鳞树蜥 <i>C. microlepis</i>	

沙蜥属 <i>Phrynocephalus</i>	青海沙蜥 <i>P. vlangalii</i>	沙蜥属 <i>Phrynocephalus</i>	红原沙蜥 <i>P. hongyuanensis</i>	王跃招等, 2002; Guo & Wang, 2007; Ananjeva <i>et al.</i> , 2011; Guo XG <i>et al.</i> , 2012
	西藏沙蜥 <i>P. theobaldi</i>		泽当沙蜥 <i>P. zetangensis</i>	Guo & Wang, 2007; Jin <i>et al.</i> , 2008; Ananjeva <i>et al.</i> , 2011; Guo XG <i>et al.</i> , 2012
	叶城沙蜥 <i>P. axillaris</i>		白梢沙蜥 <i>P. koslowi</i>	Barabanov & Ananjeva, 2007; Ananjeva <i>et al.</i> , 2011
	变色沙蜥 <i>P. versicolor</i>		无斑沙蜥 <i>P. immaculatus</i>	
	黑腹沙蜥 <i>P. melanurus</i>		白条沙蜥 <i>P. albolineatus</i>	Дунаев, 1989; Barabanov & Ananjeva, 2007; Ananjeva <i>et al.</i> , 2011; Соловьева <i>et al.</i> , 2011; Milto & Barabanov, 2012
	伊犁沙蜥 <i>P. alpherakii</i>		乌拉尔沙蜥伊犁亚种 <i>P. g. alpherakii</i>	Дунаев, 1989; Ananjeva <i>et al.</i> , 2011; Соловьева <i>et al.</i> , 2011; Milto & Barabanov, 2012
	荒漠沙蜥 <i>P. przewalskii</i>		草原沙蜥 <i>P. frontalis</i>	Gozdzik & Fu, 2009; Ananjeva <i>et al.</i> , 2011
	贵德沙蜥 <i>P. putjatai</i>			王跃招等, 2002; Ananjeva <i>et al.</i> , 2011; Jin & Brown, 2013
	贵南沙蜥 <i>P. guinanensis</i>			Ji <i>et al.</i> , 2009
印度盲蛇属 <i>Indotyphlops</i>	白头钩盲蛇 <i>I. albiceps</i>	钩盲蛇属 <i>Ramphotyphlops</i>	白头钩盲蛇 <i>R. albiceps</i>	Pyron & Wallach, 2014
	钩盲蛇 <i>I. braminus</i>		钩盲蛇 <i>R. braminus</i>	
	香港盲蛇 <i>I. lazelli</i>	盲蛇属 <i>Typhlops</i>	香港盲蛇 <i>T. lazelli</i>	
东南亚盲蛇属	恒春盲蛇		恒春盲蛇	Hedges <i>et al.</i> , 2014; Pyron & Wallach, 2014



Argyrophis	A.koshunensis		T. koshunensis	
	大盲蛇		大盲蛇	
	A. diardii		T. diardii	
沙蟒属 Eryx	红沙蟒 E. miliaris	沙蟒属 Eryx	红沙蟒-东方沙蟒复合体 Eryx miliaris-tataricus complex	专家意见
	东方沙蟒 E. tataricus			
蚺属 Python	蟒 P. bivittatus	蚺属 Python	蚺双带亚种 P. molurus bivittatus	Jacobs et al., 2009
钝头蛇属 Pareas	中国钝头蛇 P. chinensis	钝头蛇属 Pareas	台湾钝头蛇-中国钝头蛇复合体 P. formosensis-chinensis complex	Guo YH et al., 2011
	台湾钝头蛇 P. formosensis			
	黑顶钝头蛇 P. nigriceps			Guo & Deng, 2009
白头蝰属 Azemiops	白头蝰 A. kharini	白头蝰属 Azemiops	白头蝰 A. feae	Orlov et al., 2013
	黑头蝰 A. feae			
圆斑蝰属 Daboia	泰国圆斑蝰 D.siamensis	圆斑蝰属 Daboia	圆斑蝰泰国亚种 D. russellii siamensis	Thorpe et al., 2007
蝰属 Vipera	东方蝰 V. renardi	蝰属 Vipera	草原蝰东方亚种 V. ursinii renardi	Herrmann et al., 1992; Gvozdik et al., 2012
原矛头蝮属 Protobothrops	莽山原矛头蝮 P. mangshanensis	莽山烙铁头蛇属 Zhaoermia	原名莽山烙铁头蛇 Z. mangshanensis	Guo et al., 2007; Guo P, 2012
	大别山原矛头蝮 P. dabieshanensis			Huang X et al., 2012; Zhang et al., 2013

	喜山原矛头蝮 <i>P. himalayanus</i>			Pan <i>et al.</i> , 2013
	角原矛头蝮 <i>P. cornutus</i>			龚世平等, 2010
	茂兰原矛头蝮 <i>P. maolanensis</i>			Yang JH <i>et al.</i> , 2011a; Liu <i>et al.</i> , 2012
烙铁头蛇属 <i>Ovophis</i>	台湾烙铁头蛇 <i>O. makazayazaya</i>	烙铁头蛇属 <i>Ovophis</i>	山烙铁头蛇台湾亚种 <i>O. monticola makazayazaya</i>	Malhotra <i>et al.</i> , 2011
绿蝮属 <i>Viridovipera</i>	墨脱绿蝮 <i>V. medoensis</i>	竹叶青属 <i>Trimeresurus</i>	墨脱竹叶青蛇 <i>T. medoensis</i>	Malhotra & Thorpe, 2004; 郭鹏, 2005; Dawson <i>et al.</i> , 2008; Guo <i>et al.</i> , 2010; Guo & Wang, 2011; Pyron <i>et al.</i> , 2013
	云南绿蝮 <i>V. yunnanensis</i>		云南竹叶青蛇 <i>T. yunnanensis</i>	
	福建绿蝮 <i>V. stejnegeri</i>		福建竹叶青蛇 <i>T. stejnegeri</i>	
	冈氏绿蝮 <i>V. gumprechtii</i>		冈氏竹叶青蛇 <i>T. gumprechtii</i>	David <i>et al.</i> , 2002; Malhotra & Thorpe, 2004; 郭鹏, 2005; Dawson <i>et al.</i> , 2008; Guo <i>et al.</i> , 2010; Guo & Wang, 2011; Pyron <i>et al.</i> , 2013
喜山蝮属 <i>Himalayophis</i>	西藏喜山蝮 <i>H. tibetanus</i>			西藏竹叶青蛇 <i>T. tibetanus</i>
华蝮属 <i>Sinovipera</i>	四川华蝮 <i>S. sichuanensis</i>			Guo & Wang, 2011
亚洲蝮 <i>Gloydius</i>	雪山蝮 <i>G. monticola</i>			Xu <i>et al.</i> , 2012
	六盘山蝮 <i>G. liupanensis</i>			
	秦岭蝮			

	<i>G. qinlingensis</i>			
	庙岛蝮 <i>G. lijianlii</i>			江帆和赵尔宓, 2009
中华珊瑚蛇属 <i>Sinomicrurus</i>	梭德氏华珊瑚蛇 <i>S. sauteri</i>	中华珊瑚蛇属 <i>Sinomicrurus</i>	台湾华珊瑚蛇 <i>S. sauteri</i>	Ota <i>et al.</i> , 1999; Slowinski <i>et al.</i> , 2001; 向高世等, 2009
	羽鸟氏华珊瑚蛇 <i>S. hatori</i>			
海蛇属 <i>Hydrophis</i>	棘毗海蛇 <i>H. peronii</i>	棘毗海蛇属 <i>Acalyptophis</i>	棘毗海蛇 <i>A. peronii</i>	Pyron <i>et al.</i> , 2013; Sanders <i>et al.</i> , 2013
	棘鳞海蛇 <i>H. stokesii</i>	棘鳞海蛇属 <i>Astrotia</i>	棘鳞海蛇 <i>A. stokesii</i>	
	平颞海蛇 <i>H. curtus</i>	平颞海蛇属 <i>Lapemis</i>	平颞海蛇 <i>L. curtus</i>	
	长吻海蛇 <i>H. platura</i>	长吻海蛇属 <i>Pelamis</i>	长吻海蛇 <i>P. platura</i>	
	截吻海蛇 <i>H. jerdonii</i>	海蝰属 <i>Praescutata</i>	截吻海蛇 <i>P. jerdonii</i>	
	海蝰 <i>H. viperina</i>	截吻海蛇属 <i>Kerilia</i>	海蝰 <i>K. viperina</i>	
沼蛇属 <i>Myrrophis</i>	中国沼蛇 <i>M. chinensis</i>	水蛇属 <i>Enhydris</i>	中国水蛇 <i>E. chinensis</i>	Kumar <i>et al.</i> , 2012; Pyron <i>et al.</i> , 2013
	黑斑沼蛇 <i>M. bennettii</i>		黑斑水蛇 <i>E. bennettii</i>	
铅色蛇属 <i>Hypsiscopus</i>	铅色蛇 <i>H. plumbea</i>		铅色水蛇 <i>E. plumbea</i>	Murphy & Voris, 2014
腹斑蛇属 <i>Subessor</i>	腹斑蛇 <i>S. bocourti</i>		腹斑水蛇 <i>E. bocourti</i>	

三索蛇属 <i>Coelognathus</i>	三索蛇 <i>C. radiatus</i>	锦蛇属 <i>Elaphe</i>	三索锦蛇 <i>E. radiatus</i>	Helfenberger, 2001; Utiger <i>et al.</i> , 2005; Burbrink & Lawson, 2007; Pyron <i>et al.</i> , 2013
晨蛇属 <i>Orthriophis</i>	黑眉晨蛇 <i>O. taeniurus</i>		黑眉锦蛇 <i>E. taeniurus</i>	Utiger <i>et al.</i> , 2002, 2005; Burbrink & Lawson, 2007; Pyron <i>et al.</i> , 2013
	百花晨蛇 <i>O. moellendorffi</i>		百花锦蛇 <i>E. moellendorffi</i>	
	南峰晨蛇 <i>O. hodgsonii</i>		南峰锦蛇 <i>E. hodgsonii</i>	
	坎氏晨蛇 <i>O. cantoris</i>		坎氏锦蛇 <i>E. cantoris</i>	Utiger <i>et al.</i> , 2002, 2005; Burbrink & Lawson, 2007; Pyron <i>et al.</i> , 2013; 罗伟雄等, 2014
紫灰蛇属 <i>Oreocryptophis</i>	紫灰蛇 <i>O. porphyraceus</i>		紫灰锦蛇 <i>E. porphyracea</i>	Utiger <i>et al.</i> , 2005; Pyron <i>et al.</i> , 2013
玉斑蛇属 <i>Euprepophis</i>	玉斑蛇 <i>E. mandarinus</i>		玉斑锦蛇 <i>E. mandarina</i>	Utiger <i>et al.</i> , 2002, 2005; Burbrink & Lawson, 2007; Pyron <i>et al.</i> , 2013; Chen X <i>et al.</i> , 2014a, b
	横纹玉斑蛇 <i>E. perlacea</i>		横斑锦蛇 <i>E. perlacea</i>	
绿蛇属 <i>Rhadinophis</i>	绿蛇 <i>R. prasinus</i>		绿锦蛇 <i>E. prasina</i>	Burbrink & Lawson, 2007
	灰腹绿蛇 <i>R. frenatus</i>		灰腹绿锦蛇 <i>E. frenata</i>	
锦蛇属 <i>Elaphe</i>	若尔盖锦蛇 <i>E. zoigeensis</i>			Huang S <i>et al.</i> , 2012b
华游蛇属 <i>Sinonatrix</i>	云南华游蛇 <i>S. yunnanensis</i>			Rao & Yang, 1998; 杨大同和饶定齐, 2008
链蛇属 <i>Lycodon</i>	赤链蛇 <i>L. rufozonatum</i>	链蛇属 <i>Dinodon</i>	赤链蛇 <i>D. rufozonatus</i>	Guo <i>et al.</i> , 2013; Pyron <i>et al.</i> , 2013; Siler <i>et al.</i> , 2013

	南方链蛇 <i>L. meridionale</i>		赤链蛇南方亚种 <i>D. rufozonatum meridionale</i>	Orlov & Ryabov, 2004; 罗键等, 2010
	粉链蛇 <i>L. rosozonatum</i>		粉链蛇 <i>D. rosozonatus</i>	Guo <i>et al.</i> , 2013; Pyron <i>et al.</i> , 2013; Siler <i>et al.</i> , 2013
	黄链蛇 <i>L. flavozonatus</i>		黄链蛇 <i>D. flavozonatus</i>	
	北链蛇 <i>L. septentrionalis</i>		白链蛇 <i>D. septentrionalis</i>	
	白环链蛇 <i>L. aulicus</i>	白环蛇属 <i>Lycodon</i>	白环蛇 <i>L. aulicus</i>	
	黑背链蛇 <i>L. ruhstrati</i>		黑背白环蛇 <i>L. ruhstrati</i>	
	细白链蛇 <i>L. subcinctus</i>		细白环蛇 <i>L. subcinctus</i>	
	双全链蛇 <i>L. fasciatus</i>		双全白环蛇 <i>L. fasciatus</i>	
	老挝链蛇 <i>L. laoensis</i>		老挝白环蛇 <i>L. laoensis</i>	
	福清链蛇 <i>L. futsingensis</i>		福清白环蛇 <i>L. futsingensis</i>	Vogel <i>et al.</i> , 2009; Guo <i>et al.</i> , 2013
	东川链蛇 <i>L. synaptor</i>		东川白环蛇 <i>L. synaptor</i>	Vogel & David, 2010
	刘氏链蛇 <i>L. liuchengchaoi</i>		刘氏白环蛇 <i>L. liuchengchaoi</i>	Zhang <i>et al.</i> , 2011
	贡山链蛇 <i>L. gongshan</i>		贡山白环蛇 <i>L. gongshan</i>	Vogel & Luo, 2011
	横纹链蛇	小头蛇属	横纹小头蛇	Lei <i>et al.</i> , 2014

	<i>L. multizonatum</i>	<i>Oligodon</i>	<i>Oligodon multizonatus</i>	
后棱蛇属 <i>Opisthotropis</i>	刘氏后棱蛇 <i>O. laui</i>			Yang <i>et al.</i> , 2013
	黄斑后棱蛇 <i>O. maculosa</i>			Stuart & Chuaynkern, 2007; Yang JH <i>et al.</i> , 2011b
过树蛇属 <i>Dendrelaphis</i>	香港过树蛇 <i>D. hollinrakei</i>			Lazell, 2002
鼠蛇属 <i>Ptyas</i>	乌梢蛇 <i>P. dhumnades</i>	乌梢蛇属 <i>Zaocys</i>	乌梢蛇 <i>Z. dhumnades</i>	David & Das, 2004; Utiger <i>et al.</i> , 2005; 专家意见
	黑网乌梢蛇 <i>P. carinata</i>		黑网乌梢蛇 <i>Z. carinata</i>	
	黑线乌梢蛇 <i>P. nigromarginata</i>		黑线乌梢蛇 <i>Z. nigromarginata</i>	
异色蛇属 <i>Xenochrophis</i>	异色蛇 <i>X. piscator</i>	渔游蛇属 <i>Xenochrophis</i>	渔游蛇 <i>X. piscator</i>	专家意见
	黄斑异色蛇 <i>X. flavipunctatus</i>		黄斑渔游蛇 <i>X. flavipunctatus</i>	Vogel & David, 2006; Vidal <i>et al.</i> , 2007; 专家意见
温泉蛇属 <i>Thermophis</i>	四川温泉蛇 <i>T. zhaoermii</i>			Guo <i>et al.</i> , 2008
	香格里拉温泉蛇 <i>T. shangrila</i>			Peng <i>et al.</i> , 2014
线形蛇属 <i>Stichophanes</i>	宁陕线形蛇 <i>S. ningshaanensis</i>	小头蛇属 <i>Oligodon</i>	宁陕小头蛇 <i>o. ningshaanensis</i>	王小荷, 2014; Wang XH <i>et al.</i> , 2014
方花蛇属 <i>Archelaphe</i>	方花蛇 <i>A. bella</i>		方花小头蛇 <i>O. bellus</i>	Schulz <i>et al.</i> , 2011; Pyron <i>et al.</i> , 2013
小头蛇属 <i>Oligodon</i>	束纹小头蛇 <i>O. fasciolatus</i>		管状小头蛇 <i>O. cyclurus</i>	张君等, 2011

	方斑小头蛇 <i>O. nagao</i>			David <i>et al.</i> , 2012
东方蛇属 <i>Orientocoluber</i>	黄脊东方蛇 <i>O. spinalis</i>	游蛇属 <i>Coluber</i>	黄脊游蛇 <i>C. spinalis</i>	Nagy <i>et al.</i> , 2003; Kharin, 2009
秘纹蛇属 <i>Hemorrhois</i>	秘纹蛇 <i>H. ravergeri</i>		花脊游蛇 <i>C. ravergeri</i>	Nagy <i>et al.</i> , 2004; Sch��tetti & Monsch, 2004; Pyron <i>et al.</i> , 2013
东亚腹链蛇属 <i>Hebius</i>	丽纹腹链蛇 <i>H. optatum</i>	腹链蛇属 <i>Amphiesma</i>	丽纹腹链蛇 <i>A. optatum</i>	Guo <i>et al.</i> , 2014
	锈链腹链蛇 <i>H. craspedogaster</i>		锈链腹链蛇 <i>A. craspedogaster</i>	
	无颞鳞腹链蛇 <i>H. atemporale</i>		无颞鳞腹链蛇 <i>A. atemporale</i>	
	白眉腹链蛇 <i>H. boulengeri</i>		白眉腹链蛇 <i>A. boulengeri</i>	
	八线腹链蛇 <i>H. octolineatum</i>		八线腹链蛇 <i>A. octolineatum</i>	
	坡普腹链蛇 <i>H. popei</i>		坡普腹链蛇 <i>A. popei</i>	
	棕黑腹链蛇 <i>H. sauteri</i>		棕黑腹链蛇 <i>A. sauteri</i>	
	腹斑腹链蛇 <i>H. modestum</i>		腹斑腹链蛇 <i>A. modestum</i>	
	棕网腹链蛇 <i>H. johannis</i>		棕网腹链蛇 <i>A. johannis</i>	
	卡西腹链蛇 <i>H. khasiense</i>		卡西腹链蛇 <i>A. khasiense</i>	
	东亚腹链蛇		东亚腹链蛇	

	<i>H. vibakari</i>		<i>A. vibakari</i>	
	緬北腹鏈蛇		緬北腹鏈蛇	
	<i>H. venningi</i>		<i>A. venningi</i>	
	台北腹鏈蛇		台北腹鏈蛇	
	<i>H. miyajimae</i>		<i>A. miyajimae</i>	
	黑帶腹鏈蛇		黑帶腹鏈蛇	
	<i>H. bitaeniatum</i>		<i>A. bitaeniatum</i>	
	瓦屋山腹鏈蛇		瓦屋山腹鏈蛇	
喜山腹鏈蛇屬 <i>Herpetoreas</i>	<i>H. metusia</i>		<i>A. metusia</i>	
	雙帶腹鏈蛇		雙帶腹鏈蛇	
	<i>H. parallelum</i>		<i>A. parallelum</i>	
	平頭腹鏈蛇		平頭腹鏈蛇	
	<i>H. platyceps</i>		<i>A. platyceps</i>	
	察隅腹鏈蛇			
	<i>H.burbrinki</i>			