

# 中国一新种蛙及一新种蛇的鉴别特征\*

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## 1 张村蛙 新种 *Rana zhengi* sp. nov.

正模:WA95.8(25-26)0007,成年雄性,1995年8月,郑明全采于四川洪雅县张村,海拔1300m。

副模:WA95.8(25-26)0016,0023,0028,均系成年雄性,采集日期及地点与正模同。

鉴别特征:新种与桑植蛙 *Rana sangzhiensis* 相近,区别在于:①新种体较 *sangzhiensis* 略小;②新种吻长约与眼径相等,后者约为眼径的  $1\frac{1}{3}$  倍;③新种胫附关节达吻端或超过,后者不达吻端;④新种左右跟部略重叠,后者显著重叠;⑤新种股背有横纹3-4条,后者有5-7条。

词源:新种以瓦屋山国家森林公园郑明全先生命名,对他积极致力于该地区两栖爬行动物的调查研究和保护工作表示敬意。

## 2 莽山后棱蛇 新种 *Opisthotropis cheni* sp. nov.

正模:MFB 9339,成年雄性,1993年7月,陈远辉采于湖南宜章县莽山林业局职工医院附近,海拔480m。

配模:MFB 8905,成年雌性,1989年6月,采集地点与正模同。

副模:MFB 9801,成年雄性,1998年7月,陈远辉采于湖南宜章县莽山青山坪,海拔1000m;MFB 9802,成年雄性,1998年8月,陈远辉采于湖南宜章县莽山大塘坑,海拔1300m。

鉴别特征:游蛇科后棱蛇属的一种,背鳞具弱棱,通身17行,腹鳞159-167,尾下鳞55-59对,上唇鳞8(9或7),通常第4、5两枚入眶,1枚颊鳞甚长,其后端入眶,无眶前鳞,眶后鳞2枚,颞鳞1+2(1)。新种头部鳞被与 *O. latouchii* 近似,但色斑迥异(见本期封面照片):新种背面暗橄榄褐色,体侧具淡黄色横斑,左右横斑彼此交错或在背中中线相连,腹面白色或偶有灰点斑;*latouchii* 则背面显纵线纹。

词源:新种以莽山国家森林公园陈远辉先生命名,对他在该地区调查研究蛇类取得的成绩、对他发现珍稀动物莽山烙铁头蛇并积极呼吁和开展保护工作表示敬意。

## DIAGNOSES OF A NEW FROG AND A NEW SNAKE FROM CHINA\*\*

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## 1 *Rana zhengi* sp. nov.

Holotype: WA 95. 8 (25 - 26) 0007, adult male; August 1995; Zhangcun Village, Hongya Co., Sichuan Province, China; alt. 1300 meters. Zheng Mingquan collected.

Paratypes: WA 95. 8 (25 - 26) 0016, 0023, 0028, adult males; the same date and locality as the holotype.

Diagnosis: This new species is similar to *Rana sangzhiensis* Shen, but differs from the latter in ① size smaller, ② the length of snout about to the diameter of eye ( $1\frac{1}{3}$  times diameter of eye in the latter), ③ tibiotarsal articulation reaching snout or over (not reaching in the latter), ④ heels a little overlapping (much more overlapping in the latter), and ⑤ 3-4 dark cross-bands on back of thigh (5-7 in the latter).

## 2 *Opisthotropis cheni* sp. nov.

Holotype: MFB 9339, adult male; July 1993; near Workers and Staffs Hospital, Mt. Mang, Yizhang Co., Hunan Province, China; 480 meters. Chen Yuan-hui collected.

Allotype: MFB 8905, adult female; June 1989; the same locality as the holotype.

Paratypes: MFB 9801, adult male, July 1998, Qingshanping, 1000 meters; MFB 9802, adult male, August 1998, Datangkan, 1300 meters. Both localities are in Mt. Mang, Yizhang Co., Hunan Province, China.

Diagnosis: A member of the genus *Opisthotropis* (Colubridae) with feebly keeled scales in 17 rows throughout. Ventrals 159-167, subcaudals 55-59 pairs; supralabials 8(9 or 7), usually the 4<sup>th</sup> and 5<sup>th</sup> entering the eye; one large loreal touching the eye, no preocular, two postoculars; temporals 1+2(1). The head scalation of the new species is closely related to that of *O. latouchii*, but differs from the latter in coloration. This new form (see cover picture) dark olive above with light yellow cross-bars on both sides alternately or meeting its partner on the middle of back, whitish below or occasionally speckled with gray; while *O. latouchii* with lineate pattern.

\* 新种模式标本分别由郑明全先生和陈远辉先生提供,谨此致谢。新种描述将另文发表。

\*\* Type specimens of the two new species are separately provided by Mr. Zheng Ming-quan and Mr. Chen Yuan-hui. The author would express his sincere thanks to them. The descriptions of the two new species will be given in another papers.