

## 尾斑瘰螈的核型和C带研究

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摘要 用常规Giemsa染色和BSG技术研究了尾斑瘰螈的核型和C带。该螈的染色体数为2n=24, 包括9对中部着丝粒染色体和3对亚中部着丝粒染色体(Nos. 7、10、11);BSG显带处理后全部染色体都显示了弱的着丝粒带,同时还显示了46条近着丝粒区插入带;其核型和C带均不同于已研究过的国内蝾螈科动物,未发现与性别有关的异形染色体。

关键词 [尾斑瘰螈](#) [核型](#) [C带](#)

分类号

## A Study of the Karyotypes and C-bands of *Paramesotriton caudopunctatus*

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### Abstract

The karyotype and C-bands of *Paramesotriton caudopunctatus* Liu et Hu were studied by means of both conventional Giemsa staining and BSG technique. The diploid number of this species is 24, consisting of 9 pairs of metacentric and 3 pairs of submetacentric elements. All chromosomes have an inserted pericentric band in both chromosome arms except that Nos. 11 and 12 chromosomes have an inserted pericentric band only in one chromosome arm. Besides the main bands, weak centromeric bands appear in all of the chromosomes. The karyotype and C-bands of *Paramesotriton caudopunctatus* indicated the dissimilarity with other examined species in Chinese salamandrids. No heteromorphic pair of chromosomes was detected between male and female karyograms.

Key words [Paramesotriton caudopunctatus](#) [Karyotype](#) [C-bands](#)

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