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南海溪蟹属一新种记述 (十足目: 溪蟹科)

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A New Species of the Genus *Nanhaipotamon* (Decapoda : Potamidae) from ChinaLIN Guo-hua¹, CHENG You-zhu^{2*}, CHEN Shao-hong³
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摘要

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摘要 目的 调查福建省淡水蟹类的种类。方法 采集福建省平潭县淡水蟹标本, 进行形态学观察, 调查孳生地和蟹感染并殖吸虫情况。结果 发现一新种, 定名为平潭南海溪蟹 *Nanhaipotamon pingtanense* sp. nov.。平潭南海溪蟹正模 (FJ6133, 1) ♂, 头胸甲长36.1 mm, 宽46.8 mm, 厚26.7 mm; 配模 (FJ6133, 2) ♀, 头胸甲长33.9 mm, 宽42.7 mm, 厚25.4 mm。雄性第1腹肢末节内末角方圆形, 外末角粗壮, 外末角末缘趋于窄小, 外侧缘中部内凹; 末第2节为末节的2.3倍。该蟹多栖息于水沟中, 以泥洞穴居。采集的32只平潭南海溪蟹中未查见并殖吸虫囊蚴。结论 记述采自福建省平潭县南海溪蟹属一新种, 并与南海溪蟹中近似种的鉴别特征进行了分析讨论。

关键词: 十足目 南海溪蟹属 新种 福建

Abstract: Objective To investigate the species of freshwater crabs in Fujian Province, China. Methods Fresh-water crabs were collected in Pingtan County of Fujian Province. The morphological characteristics of the crabs and the habitats were observed. The crab morphology was described and crabs examined for the presence of *Paragonimus* metacercariae. Results A new species of freshwater crabs named *Nanhaipotamon pingtanense* sp. nov. was obtained, holotype (FJ6133, 1) : ♂, carapace length 36.1 mm, breadth 46.8 mm, thickness 26.7 mm; allotype (FJ6133, 2) : ♀, carapace length 33.9 mm, breadth 42.7 mm, thickness 25.4 mm, collected from Pingtan County (N 26° 52.958' ; E 119° 58.722' , and 16-47 m above sea level) . Distal segment of the first male pleopod with squarish-rounded inner-distal angle, and the comparatively stout out-distal angle' s end narrowed. The out-lateral border sloped downwards, concave situated in the middle. The segment length is 2.3 times as long as the subdistal segment. This species usually lived in the ditch and hid in mud hole. *Paragonimus* metacercariae were not found. Conclusion A new species of *Nanhaipotamon* collected from Pingtan County of Fujian Province were described, and named as *Nanhaipotamon pingtanense*.

Keywords: Decapoda *Nanhaipotamon* New species Fujian

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