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中国寄生虫学与寄生虫病杂志 » 2013, Vol. 31 » Issue (1) :39-42 DOI:

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斯氏并殖吸虫宿主南海溪蟹属一新种 记述 (十足目 : 溪蟹科)

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A New Species of the Genus *Nanhaipotamon* (Decapoda : Potamidae) Serving as Intermediate Host of *Paragonimus skrjabini*

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摘要

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摘要 目的 记述南海溪蟹属一新种。方法 在福建省永泰、闽清、尤溪、松溪、政和与寿宁等地采集蟹类标本,进行形态学观察,调查孳生地和蟹感染并殖吸虫情况。结果 发现南海溪蟹属*Nanhaipotamon*一新种,定名为福建南海溪蟹*N. fujianense* sp. nov.。福建南海溪蟹正模(FJ6132?鄞1)♂,头胸甲长18.44 mm,宽23.64 mm,厚12.61 mm;配模(FJ6132-2)♀,头胸甲长18.76 mm,宽25.25 mm,厚14.31 mm。雄性第1腹肢末节的内末角呈三角形圆凸,外末角末部呈斧状扩展,外侧缘轻度弯曲斜列;末第2节为末节的2.1倍。该蟹主要栖息于水流量小的山坑泥砂石缝中。在永泰、闽清、尤溪、松溪与政和等5地采集到的福建南海溪蟹中检出斯氏并殖吸虫囊蚴。结论 记述南海溪蟹属新种福建南海溪蟹,并证实其为斯氏并殖吸虫第2中间宿主。

关键词: 南海溪蟹属 新种 斯氏并殖吸虫 中间宿主 福建

Abstract: Objective To describe a new species of the genus *Nanhaipotamon*. Methods Freshwater crabs were collected in the counties of Yongtai, Minqing, Youxi, Songxi, Zhenghe and Shouning, Fujian Province. The morphological characteristics of the crabs were described. The habitats were observed and crabs examined for the presence of *Paragonimus metacercariae*. Results A new species of freshwater crabs named as *Nanhaipotamon fujianense* sp. nov. was described: holotype (FJ6132-1): ♂, carapace length 18.44 mm, breadth 23.64 mm, thickness 12.61 mm; allotype (FJ6132-2): ♀, length 18.76 mm, breadth 25.25 mm, thickness 14.31 mm, collected from Yongtai County in the middle of Fujian (N 25° 44,778' ; E118° 32,278' , and 232 m above sea level) . Distal segment of the first male pleopod with triangle convex inner-distal angle, and the axe-like expanded out-distal angle. The out-lateral border slightly sloped downwards. The segment length is 2.1 times as long as the subdistal segment. The crabs usually lived in the crevice of small stream. *Paragonimus metacercariae* were found in the crabs collected from Yongtai, Minqing, Youxi, Songxi and Zhenghe Counties. Conclusion A new species of freshwater crab (*Nanhaipotamon fujianense* sp. nov.) has been recorded which serves as the intermediate hosts of *Paragonimus skrjabini*.

Keywords: *Nanhaipotamon* New species *Paragonimus skrjabini* Intemedate host Fujian

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