

研究简报

广西柳江河鱼类华支睾吸虫囊蚴感染情况

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摘要

2008年3月~2009年3月, 在广西柳江河段上的三江县、融安县、融水县、柳城县、柳州市和象州县设点, 采集各地河道内的鱼类, 用直接压片法和消化法检查其感染华支睾吸虫的情况。共捕获鱼16 204尾, 经鉴定分属9科27属35种, 其中32种不同程度感染华支睾吸虫, 感染率为10.5%, 感染度为4.6个/g。麦穗鱼 (*Pseudorasbora parva*) 的感染率 (21.5%) 和感染度 (9.9个/g) 最高, 其次为宽鳍鱲 (*Zacco platypus*), 感染率为17.8%, 感染度为8.9个/g。各河段感染率间的差异有统计学意义, 象州县河段感染率 (12.3%) 较高, 三江县河段 (9.1%) 和柳州市区河段 (9.7%) 感染率较低。统计学分析表明, 夏、秋两季鱼的感染率较高, 春、冬两季较低; 中、上层鱼类的感染率较高, 下层鱼类较低; 杂食性和草食性鱼类的感染率较高, 肉食性鱼类较低。

关键词 [鱼](#); [华支睾吸虫](#); [囊蚴](#); [感染率](#); [感染度](#)

分类号

Infection Status of Freshwater Fishes with Metacercariae of *Clonorchis sinensis* in Liujiang River of Guangxi

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Abstract

From March 2008 to March 2009, fishes were caught from the rivers in Sanjiang, Rongan, Rongshui, Liucheng, Liuzhou and Xiangzhou counties, and their metacercarial infections were examined by the muscle compression and digestion techniques. A total of 16 204 freshwater fishes of 35 species were collected. *C. sinensis* metacercariae were found in 32 species of fishes with an overall infection rate of 10.5% and a mean infection intensity of 4.6 metacercariae per gram. The highest prevalence (21.5%) and intensity of infection (9.9 per gram) were found in *Pseudorasbora parva*, followed by *Zacco platypus* (17.8% and 8.9 per gram, respectively). There were significant differences in infection rate among different localities. The infection rate in Xiangzhou County (12.3%) was higher than that in Sanjiang County (9.1%) and Liuzhou City (9.7%). The infection rate was higher in summer and autumn, but lower in spring and winter. Compared with low water layer, the infection rate was higher in the upper and medium water layers. The infection rates of omnivorous and herbivorous fishes were higher than that of carnivorous fishes.

Key words [Fish](#); [Clonorchis sinensis](#); [Metacercariae](#); [Infection rate](#); [Intensity of infection](#)

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