

综述

青藏高原东部地区发现的新种: 石渠棘球绦虫的生物学特征

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摘要

青藏高原东部是细粒棘球绦虫和多房棘球绦虫的混合流行区, 诸多的家畜和野生动物参与了棘球绦虫的传播。近年来, 一种未知的棘球绦虫先后从高原鼠兔 (*Ochotona curzoniae*) 和藏狐 (*Vulpes ferrilata*) 中被分离出来。由于其特有的形态学、分子遗传学、寄生宿主和地理分布特征, 而被作为新种——石渠棘球绦虫 (*Echinococcus shiquicus*, Xiao et al, 2005) 进行了系统研究。本文对该虫种的生物遗传学和流行病学特征进行了讨论, 并提出了理论上的假设来解释一些仍不十分清楚的现象。

关键词 [石渠棘球绦虫](#) [生物学](#) [特性](#) [青藏高原](#)

分类号

Biological Features of a New Echinococcus Species (Echinococcus shiquicus) in the East of Qinghai-Tibet Plateau

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Abstract
In the eastern Qinghai-Tibet Plateau region, a variety of domestic and wild mammals are involved in the transmission cycles of Echinococcus species. *E. granulosus* and *E. multilocularis* are known being sympatrically distributed in the plateau region. Recently, an unknown Echinococcus species was isolated from infected plateau pika (*Ochotona curzoniae*) and Tibetan fox (*Vulpes ferrilata*). The species shows quite distinct characteristics on morphology, genetics, host specificity and geographical distribution from others. It was therefore identified as a new Echinococcus species, *Echinococcus shiquicus*. This paper discussed the biological genetics and epidemiological features of the species, and proposed hypotheses and considerations for further exploration.

Key words [Echinococcus shiquicus](#) [Biology](#) [Feature](#) [Qinghai-Tibet Plateau](#)

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