



云南省19县(市)小板纤恙螨地区分布及宿主选择研究

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Research on the Area Distribution and Host Selection of *Leptotrombidium scutellare* in 19 Counties of Yunnan Province

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摘要

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摘要 根据云南省不同地理方位、地形地貌、气候与生态等特点,于2001—2009年选取19县(市)为调查点,诱捕小兽,收集其耳廓和外耳道的全部恙螨,分析小板纤恙螨(*Leptotrombidium scutellare*)在不同宿主、不同地区的分布情况。结果,在捕获的4目7科18属30种9 838只小兽体表采集到小板纤恙螨16 491只,占有恙螨的17.73%(16 491/92 990)。在调查的19县(市)中,12个县(市)有小板纤恙螨分布,主要分布于云南西北部和南部的高海拔、低气温、低降水量地区。小板纤恙螨寄宿主广泛,主要宿主为大绒鼠(*Eothenomys miletus*)和齐氏姬鼠(*Apodemus chevrieri*)。

关键词: 小板纤恙螨 地区分布 宿主选择 云南省

Abstract: In order to investigate the area distribution and host selection of *Leptotrombidium scutellare* in Yunnan Province, a field survey was carried out during 2001 to 2009, based on different geographic location, topography, climate and ecological characteristics. A total of 16 491 *L. scutellare* were captured from the body surface of 9 838 small mammal hosts of 7 families, 18 genera, and 30 species in 4 orders, accounted for 17.73% (16 491/92 990) of all chigger mites collected. *L. scutellare* distributed in 12 counties, more in the northwest and south of the Province. Although *L. scutellare* could parasitize on different small mammal species, most of them were on *Eothenomys miletus* and *Apodemus chevrieri*.

Keywords: *Leptotrombidium scutellare*; Distribution; Host selection; Yunnan Province

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