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云南省19县(市)大绒鼠体表恙螨群落的初步分析

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Preliminary Analysis of Chigger Mite Community on *Eothenomys miletus* in 19 Counties of Yunnan Province

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摘要 用生态学统计方法研究云南省19个县(市)采集到的大绒鼠体表恙螨幼虫的群落结构、种-多度分布和种-样方关系。共捕获1 741只大绒鼠,在其体表采集到3亚科13属111种40 052只恙螨。种-多度分布显示,随着恙螨个体数量逐渐增加,恙螨种数逐渐减少,且多数为稀有种。种-样方关系显示,恙螨种数随着宿主数目的增加而增加,现捕获到的1 741只大绒鼠尚不能预测出其体表寄生恙螨种类的总体情况。

关键词: 大绒鼠 恙螨 群落 云南

Abstract: *Eothenomys miletus* were captured in 19 counties of Yunnan Province. The distribution of species-abundance and the species-plots relationship between *E. miletus* and chigger mites were analyzed by using ecological statistic method. There were totally 40 052 chigger mites collected from the body surface of 1 741 *E. miletus*. 111 species of chigger mites were identified. The species-abundance distribution showed that with the increase of mite individuals, the number of chigger mite species gradually decreased. Most mite species were rare ones. Species-plot relation indicated that with the number of mouse plots (samples of *E. miletus*) increasing, the number of chigger mite species increased. *E. miletus* collected quantity up to date still could not reflect the exact species richness of chigger mite.

Keywords: *Eothenomys miletus* Chigger mite Community Yunnan

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