

研究简报

元江县微小按蚊卵巢营养细胞多线性染色体观察

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摘要

云南省元江县采集的微小按蚊分别单只雌蚊驯养, 解剖分离卵巢营养细胞, 染色后光镜观察、记录染色体图谱。经观察365个卵巢多线染色体标本。其染色体由5臂共3条染色体组成: I号染色体为具端着丝点的性染色体(X染色体), 仅见一臂; II号为1对具亚中着丝点的常染色体, 分右臂(2R)和左臂(2L); III号为1对具中着丝点的常染色体, 含右臂(3R)和左臂(3L)。与广西微小按蚊卵巢营养细胞多线染色体比较, 发现有12处差异。

关键词 [微小按蚊](#) [卵巢营养细胞](#) [多线染色体](#)

分类号

Observation on Polytene Chromosomes of the Ovarian Nurse

Cell of *Anopheles minimus* from Yuanjiang

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Abstract

Anopheles minimus collected from Yuanjiang, Yunnan Province, were bred with standard methods in lab. The ovarian nurse cells of *A. minimus* were separated and stained, and the whole polytene chromosomes were photographed under light microscope and compared with *A. minimus* from Guangxi. 365 samples of ovarian nurse cells were observed. The chromosomes included one telocentric sex-chromosome X, two submetacentric autosomes II (autosome II right arm, 2R and autosome II left arm, 2L) and two metacentric autosomes III (autosome III right arm, 3R, and autosome III left arm, 3L). The X is the shortest chromosome and the 2R is the longest one. In comparison with the pattern of polytene chromosomes of *A. minimus* from Guangxi, difference at 12 positions has been found at the parts of arms in banding sequences.

Key words [Anopheles minimus](#) [Ovarian nurse cells](#) [Polytene chromosome](#)

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