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IV-03

**CYTOGENETIC ANALYSIS OF MITOTIC AND SALIVARY GLAND
CHROMOSOMES**

IN *BACTROCERA PAPAYAE*

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The present investigation reports on the study of mitotic and salivary gland chromosomes of the tephritid fruit fly, *Bactrocera papayae* (Drew & Hancock). A chromosome number of $2n=12$ was determined from the brain ganglion and the polytene chromosomes of salivary glands from the third instar larvae. *B. papayae* has six pairs of chromosomes including an XY sex chromosome pair.