SEQUENTIAL DEVELOPMENT OF CLEANING COMB ON THE FORE LEGS OF DROSOPHILA MELANOGASTER (MEIGN) : A NEW MUTATION

S. C. Dhiman and Garima
Entomology Research Lab, Department of Zoology, M. S. College, Saharanpur - 247 001, India.

(Accepted 15 March 2011)

ABSTRACT:– In black eyed mutant Drosophila melanogaster - a new mutation in the form of sequential development of cleaning comb on the fore legs is observed in different three mutant specimens. In one fruit fly, a single large spine with striations at base on first tarsomere of fore leg developed. In second fly, small comb with parallel spines formed and in third, fully formed comb on first and second tarsomeres developed. This seems to be due to gradual mutation in one direction.

Key words : Drosophila melanogaster, cleaning comb, new mutation, fore leg.