

Fruit galls of *Asphondylia murrayae* sp. nov. (Cecidomyiidae : Diptera) on *Murraya koenigii* from lower Garhwal Himalayas

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ABSTRACT : The present work deals with the study of formation of fruit galls by the gall-midge *Asphondylia murrayae* sp. nov. on the host *Murraya koenigii*. The study includeD emergence, sex-ratio, mating, oviposition and various life-history stages of the midge. The infestation of *Murraya koenigii* by *Asphondylia murrayae* sp. nov. has been observed to coincide with mating and oviposition period with incubation period ranging from 42 to 48 hours. The four larval instars are observed in the sexual life-cycle of the gall-midge. Due to larval feeding the fruits become deformed and smaller than the normal fruits.

Key Words : *Asphondylia murrayae* sp. nov. (Cecidomyiidae: Diptera), *Murraya koenigii*, fruit galls, Garhwal Himalayas.



Fig.-2 : Fourth instar larva showing sternal spatula.