

Predation of drain fly *Lispe orientalis* (Muscidae) over moth fly *Clogmia albipunctata* (Psychodidae) larvae

Drain fly *Lispe orientalis* Wiedemann 1824, is a predaceous fly belonging to family Muscidae, Order Diptera. This fly is found in almost all the Oriental countries like India, Sri Lanka, Sumatra, Malaysia and Myanmar. They are also reported from various countries of palearctic region. Commonly *Lispe orientalis* is available near the margin of waterside of pond, lake, drainages, tube-wells, wetlands where moth fly (*Clogmia albipunctata*) also breeds. Adult flies of genus *Lispe* are known as predator on small flies like Dolichopodidae, Ephydriidae, Muscidae and Simuliidae. But there was no published report about their predation over larvae of moth fly (family Psychodidae) which are involved to urinary and vaginal myiasis in human.

During the field survey on muscid flies near a wetland the predation behaviour of *Lispe orientalis* was observed. This is the first case report, that they actively hunt the larvae of myiasis causing moth fly (*Clogmia albipunctata*). Thus, adult *Lispe orientalis* may be considered as brilliant bio-control agent on moth fly (*Clogmia albipunctata*).



Lispe orientalis preying the larvae of moth fly *Clogmia albipunctata*

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