

# A conspicuous incident, *Macrocheles* mite (Acari) attached to the abdomen of *Hydrotaea* (Diptera, Muscidae)

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Mites or Acari are tiny, small arachnid, cosmopolitans in nature, found worldwide. They are good decomposers, predators and some acts as a parasite on many animals and plants. Formerly *Macrocheles* mites were reported as predators of many dipterans fly, as they feed 1<sup>st</sup> instar larvae and eggs of the fly. During field survey at Paschim Bardhaman in West Bengal, India, we collected many *Hydrotaea* sp. (formerly synonymized as *Ophyra*) flies species under Family Muscidae (Diptera), among them we found one *Hydrotaea* fly with two *Macrocheles* sp. (acari) on the ventral surface of abdomen. *Macrocheles* (Family- Macrochelidae) acari are parasitic, fast moving mites. They show a special type of dispersal behavior known as Phoresy, uses the host by direct contact for travelling the new habitats.

The infestation of *Macrocheles* mite on the body of *Hydrotaea* fly is an important event as it poses some threats to *Hydrotaea* and other fly families also.

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## AUTHORS

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**Nandan Jana and Shuvra Kanti Sinha,**  
Department of Zoology, Sreegopal Banerjee  
College Mogra, Hooghly, West Bengal,  
712148, India.

Email: [suvrosinha@gmail.com](mailto:suvrosinha@gmail.com)

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*Macrocheles* sp. (Acari) attached in the abdomen of the *Hydrotaea* sp. (Muscid fly)