

Short communication

First report of genus *Cynomya* Robineau-Desvoidy, 1830 (Diptera: Calliphoridae) from India

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The genus *Cynomya* Robineau-Desvoidy, 1830, belonging in the subfamily Calliphorinae of the Calliphoridae, is represented by two World species: *C. cadaverina* Robineau-Desvoidy, 1830 and *C. mortuorum* (Linnaeus, 1761). The genus is generally identified by the lack of presutural intraalar seta and presence of 1 or 2 post-acrostichal setae (Rognes, 1991). Herein, we provide the first report of *Cynomya mortuorum* (Linnaeus, 1761) from India (Bharti, 2011). The specimens (5 females) were collected from Nanda Devi and Valley of Flowers National Park falling in the state of Uttarakhand at a height of 3500m (30.6588° N, 79.8387° E). The species in question is widely distributed in the Palaearctic Region. However, in the Nearctic Region, it occurs in Greenland and Alaska. It can be separated from the Nearctic congener *Cynomya cadaverina* Robineau-Desvoidy, 1830 on the basis of bright yellow to orange facial membrane, anterior two thirds of gena, whole parafacial and anterior half of fronto-orbital plate (these areas black or reddish brown in *C. cadaverina*) and presence of one post-acrostichal seta (two in case of *C. cadaverina*) (Rognes, 1991).



Figures 1-4: *Cynomya mortuorum* (female): 1. Head frontal view; 2: Arrangement of seta on fifth tergite; 3 & 4: Profile.

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References

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