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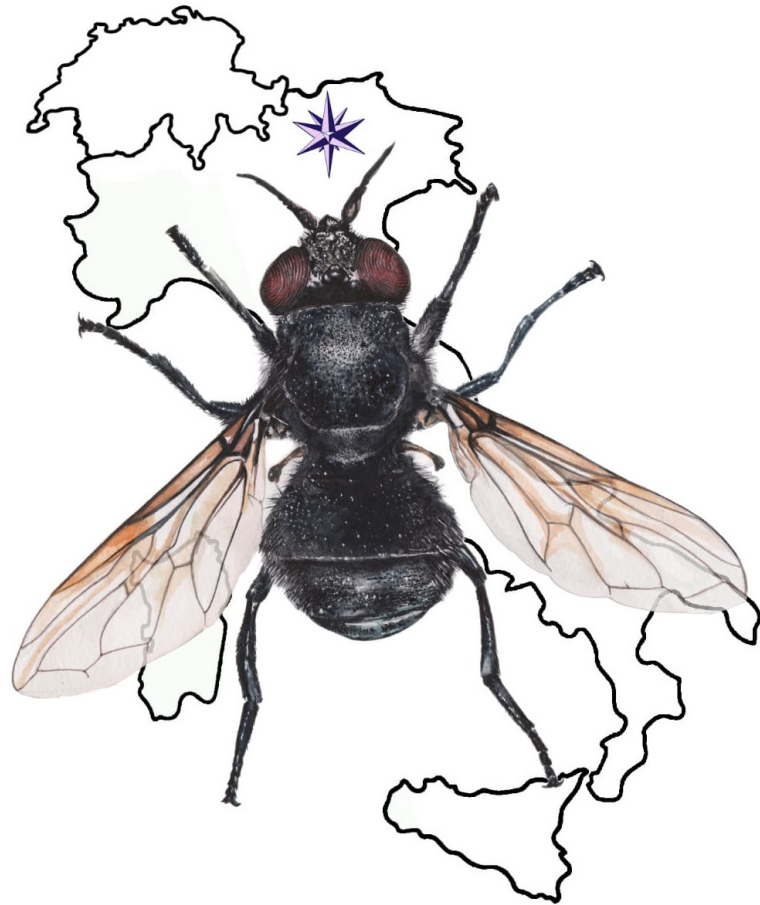
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PANEVEGGIO
PALE DI SAN MARTINO
Parco Naturale



BOOK OF ABSTRACTS

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First European records of two non-native *Eumerus* Meigen species (Diptera: Syrphidae) and taxonomic updates to the European *Eumerus* fauna

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The first European records of two non-native hoverfly species, *Eumerus aurifrons* (Wiedemann, 1824) and *Eumerus figurans* Walker, 1859 (Diptera: Syrphidae) are presented, based on specimens collected in Sicily (Italy). *Eumerus aurifrons*, originally described from India, is widespread in Southeast Asia and has been introduced to Africa, the Americas and Hawaii. *Eumerus figurans* belongs to the *figurans* group, which comprises several Asian and African species and shows morphological affinities with the *obliquus* group. *Eumerus figurans*, also known as the ginger maggot, has previously been recorded from Oriental, Australasian regions and the Hawaiian Islands (USA). These records contribute to current knowledge of non-native *Eumerus* species in Europe and underline the importance of continued monitoring, given the dual nature of the genus, which includes both potentially invasive taxa and rare, conservation-relevant species. The taxonomic status of *Eumerus alpinus* Rondani, 1857 is revised, and the species is re-synonymised with *E. olivaceus* Loew, 1848. Further taxonomic adjustments are proposed, including newly established synonyms and several species treated as doubtful taxa. An updated checklist of European *Eumerus* is provided, comprising a total of 81 valid species. Together, these results refine the present taxonomic framework of European *Eumerus* and provide an improved baseline for future work on the genus.

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