



diversity



Special Issue Reprint

Diversity, Distribution and Phylogeny of Vector Insects

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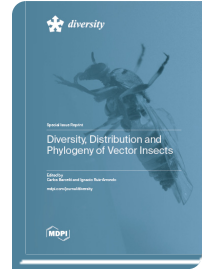
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ISBN 978-3-7258-0443-6 (Hardback)

ISBN 978-3-7258-0444-3 (PDF)



Several families of Diptera are the vectors of agents that critically concern veterinary and public health. Outbreaks of diseases, such as leishmaniosis, bluetongue, dengue, and West Nile, are becoming increasingly common worldwide. This reprint contains novel information on the occurrence of mosquitoes in different habitats of Europe, Brazil, and Mexico. It also covers the molecular approaches used to assess the distribution of mosquitoes in Belgium and Africa. Studies focused on biting midges, black flies, and sand flies are also included in this reprint. Both the identification of nocturnal activity and molecular properties of *Culicoides* vector species in Europe as well as DNA barcoding techniques of black fly species in North Africa were conducted. Moreover, a first record of a sand fly species in Spain is documented in this reprint.



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