



**Mardi 28 mars 2025, 11:00**

Grande salle + visio.

## **DIVERSITY AND ORIGINS OF CANARY ISLANDS PSYLLOIDEA**

par

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- 📌 Psyllids or jumping plant-lice are small hemipterous sap-sucking insects belonging to the Sternorrhyncha. They comprise most of the ca. 4000 described species and are characterized by their very narrow host-plant ranges.
- 📌 In this study, we used an integrative approach combining morphological and molecular data, along with host-plant associations, to investigate the diversity of the psyllid fauna in the Canary Islands. Additionally, phylogenetic analyses were conducted to infer possible scenarios regarding the colonization histories of the native taxa across the islands.
- 📌 Our study provides a comprehensive understanding of psyllid diversity in the Canary Islands and offer new insights into the evolutionary processes shaping this group of insects in the archipelago.



**anses**