

Special Issue

Systematics, Evolution, and Diversity of Dance Flies (Diptera, Empidoidea)

Message from the Guest Editor

Empidoidea or dance flies are a monophyletic lineage originally divided into two families (Empididae or empidid dance flies and Dolichopodidae or long-legged dance flies). Over the last 20 years, morphological and molecular studies have led to a review of this classification with the recognition of seven families: Atelestidae, Brachystomatidae, Dolichopodidae, Empididae, Homalocnemidae, Hybotidae, and Ragadidae. However, although the systematics of the group have progressed considerably the most recent molecular phylogenies have challenged certain conclusions and show that the current classification is probably not yet stabilized. They constitute a remarkable evolutionary model for a better understanding of the mechanisms at work in the diversification of insect groups. For this upcoming Special Issue, we are seeking high-quality original submissions and reviews that address and update our understanding of the systematics, evolution, and diversity of dance flies, including studies in the fields of taxonomy, phylogeny, ecology, biogeography, and behaviors.

Guest Editor

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