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The Fundamental Role of Biosystematics in Insect Diversity and Conservation

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Message from the Guest Editors

Dear Colleagues,

Insects represent the most diverse taxonomic class on Earth, with 8.7 million insect species predicted, of which only 1.8 million (15%) are described and named. Insects represent one of the largest components of biodiversity in the world, with numerous ecosystem services (such as pollination, pest control, and nutrients cycling) being reliant on insect activity. Diversity conservation relies on the possibility to identify living components and characterize their contribution to communities. Accurate species identification and biological systematic studies provide backbone information for the management of insect diversity conservation.

This Special Issue welcomes biodiversity and conservation surveys on natural and agroecosystems, studies investigating community structure along environmental gradients which take into consideration biosystematic aspects. Reports on web-based taxonomy and systematic identification tools intended to support the exchange of observation data and revisionary studies will be also appreciated.