



Advanced Research on Fossil Insects

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Message from the Guest Editors

Insects are the most diverse group of organisms to appear in the 3.5-billion-year history of life on Earth. Over one million species of insects have been described, but it is estimated that there may be as many as 10 million species on Earth. They are a dominant component of biodiversity in terrestrial ecosystems. Our understanding of their modern biodiversity is based on the knowledge of their fossil record. Two major turning points in insect evolution were the development of wings around 410 million years ago and the Triassic radiation of the Holometabola, which is the most diverse extant insect clade, comprising more than 95% of the total species diversity of the entirety of Insecta.

The aim of this Special Issue is to provide an up-to-date survey of the past diversity of insects and to invite manuscripts describing new taxa of significance for advancing our understanding of insect evolution.

