



■ *Advances in the Systematics of Platygastroidea* addresses the evolution and classification of platygastroid wasps with multiple approaches and for a broad audience. The Revision of Palearctic *Trissolcus* is a traditional monograph that has involved significant efforts to examine primary types and resolve long standing taxonomic confusion. Its completion is timely given that *Trissolcus* is an important genus for the biological control of stink bugs, and the brown marmorated stink bug (*Halyomorpha halys*) is rapidly expanding into a cosmopolitan pest. Two catalogs provide photographic documentation for over 900 primary types, representing 15% of the described platygastroid fauna. These will undoubtedly be useful to taxonomists across the globe. A treatment of fossils in Burmese amber demonstrates that the origin of *Archaeoteleia*, an extant genus, extends into the Cretaceous, and emphasizes the need to analyze fossils in the context of extant taxa. Lastly, a morphological analysis reveals that telescoping ovipositor systems have independently arisen at least twice in Platygastriidae s.s. and offers ideas for identifying potential convergences in Scelionidae. We here present these papers as a special issue of the *Journal of Hymenoptera Research* to highlight a significant step forward in the systematics of Platygastroidea, bridging the often disparate disciplines of paleontology, biological control, taxonomy and morphology.

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Trissolcus japonicus (Ashmead)



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