



## Phylogeny and Classification of Hymenoptera\*

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### Abstract

An overview of recent advances in our understanding of the higher phylogeny and classification is presented. Molecular and morphological cladistic and pre-cladistic studies are summarized. A superfamily-level classification of the Hymenoptera is offered to reflect recent advances in our understanding of the phylogenetic relationships of the Hymenoptera. It differs from most recent classifications in the recognition of the Diaprioidea, to include Diapriidae, Monomachidae, and Maamingidae.

**Key words:** Diaprioidea, taxonomy, cladistics, life history, Insecta

### Introduction

Much progress has been made in our understanding of the phylogeny of Hymenoptera since the advent of cladistic methods. Here I summarize recent influential studies and pre-cladistic studies are also treated, at least cursorily. While writing this short essay it occurred to me that, since this is a celebration of the Linnaeus ter-