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Synopsis of the cyclocephaline scarab beetles (Coleoptera, Scarabaeidae, Dynastinae)

Matthew R. Moore, Ronald D. Cave, Marc A. Branham

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Annotated catalog and bibliography of the cyclocephaline scarab beetles (Coleoptera, Scarabaeidae, Dynastinae, Cyclocephalini)

Matthew R. Moore, Ronald D. Cave, Marc A. Branham

The cyclocephaline scarabs are remarkable among rhinoceros beetles for the group's immense species richness and ecological importance. Cyclocephalini currently comprises over 500 species and subspecies and includes the most species-rich genus of Dynastinae, *Cyclocephala*. The group includes the "masked chafers" that are some of the most important beetle pests of turfgrass in North America. Tropical cyclocephaline species have attracted research attention from ecologists studying the pollination of some early-diverging angiosperm groups by these beetles. We provide an overview of the 14 genera of Cyclocephalini that includes information on the taxonomic and nomenclatural history of the group, identification of immature life-stages, economic importance, natural enemies, human cultural use, pollination biology, and evolution of the group. We also provide an expanded identification key to world genera and an annotated bibliography for the tribe. This work makes biodiversity research on cyclocephaline scarabs accessible and will promote further research on the tribe.



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Cyclocephala pugnax Arrow, 1914

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