

Special Issue

Diversity, Biogeography and Community Ecology of Ants II

Message from the Guest Editor

Ants are a highly diverse and ecologically dominant faunal group globally. They play important roles in most terrestrial ecosystems as soil engineers, predators and re-cyclers of nutrients, and have particularly important interactions with plants as defenders against herbivores, as seed dispersers and as seed predators. Ants are model organisms for studies of community ecology, making important contributions to an understanding of niche dynamics, species co-existence, and community assembly. Ants are widely used as bio-indicators in land management. Despite the ecological dominance of ants, a large proportion of species remain undescribed, the biogeographic histories of many taxa remain poorly known, and we have a limited understanding of spatial patterns of diversity and composition, along with the processes driving these patterns. We are seeking contributions to this Special Issue that relate to any aspect of the diversity, biogeography, and community ecology of ants.

Keywords

- ants
- ant-plant interactions
- bioindicators
- biogeography
- community ecology
- ecosystem function
- functional groups

Guest Editor

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Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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