Special Issue

Conservation and Ecology of Polymorphic Animal Populations

Message from the Guest Editors

The conservation of polymorphic animal populations is an important topic and one that emphasizes that biodiversity is not only about species richness but also about protecting phenotypic diversity within species. Polymorphisms—variations in traits such as color, shape, size, or behavior within a single species—play a crucial role in enabling populations to adapt to changing environments and ecological pressures. Conservation efforts must therefore go beyond simply preventing species extinction. They should aim to preserve the ecological and evolutionary processes that generate and maintain polymorphism. This might include protecting diverse habitats, minimizing artificial selection pressures, and incorporating phenotypic monitoring into wildlife management strategies. This Special Issue will explore how intraspecific phenotypic diversity affects ecological dynamics, evolutionary processes, species resilience in changing environments, and conservation strategies for polymorphic animals.

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Message from the Editor-in-Chief

Conservation provides an advanced forum for conservation studies, including biodiversity and environment conservation, resource recycling, conservation and sustainable management, conservation planning and governance, conservation ethics and ecology, creative and multidisciplinary solutions for conservation and restoration, as well as heritage conservation and restoration. In addition, we welcome submissions highlighting transdisciplinary advances in the science and practice of conservation, with application in management and policy decisions. We hope that the advantages of open access, high-quality standards, and rapid publication will encourage scientists and practitioners to choose Conservation as a venue to disseminate their research.

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