



diversity



an Open Access Journal by MDPI

The Ecological Role of Salamanders as Predators and Prey

Guest Editor:

Dr. Sebastiano Salvidio

Dipartimento di Scienze della
Terra dell'Ambiente e della Vita
(DISTAV), Università di Genova,
Corso Europa 26, IT-16132
Genova, Italy

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

Salamanders are usually considered to be generalist predators at the population level, but they also display specialization at the individual level, in particular when prey resources available in the environment become more diverse. In addition, salamanders and newts have complex behaviors, bright colors, and are easy to maintain in captivity. Therefore, these amphibians are often used as model systems to better understand prey–predator interactions and the evolution of cryptic or aposematic defensive colorations, both in the wild and in the laboratory. This Special Issue provides an opportunity to highlight new research on the ecological role of salamanders and newts in prey–predator systems, their trophic behavior, and the evolution of their trophic niche in space and time. Particularly welcome are studies that describe the evolution of the antipredator behavior, individual trophic specialization, and the trophic strategies of single salamander species or complex multispecies guilds.



mdpi.com/si/33217

Special Issue



diversity



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Michael Wink

Institute of Pharmacy and
Molecular Biotechnology,
Heidelberg University, Im
Neuenheimer Feld 329, D-69120
Heidelberg, Germany

Message from the Editor-in-Chief

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).

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Biodiversity Conservation*) / CiteScore - Q2 (*Agricultural and Biological Sciences (miscellaneous)*)

Contact Us

Diversity Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diversity
diversity@mdpi.com
[X@DiversityMdpi](https://twitter.com/DiversityMdpi)