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# Nature through Time

Virtual field trips through the Nature of the past

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**Editors:** [Edoardo Martinetto](#), [Emanuel Tschopp](#),  
[Robert A. Gastaldo](#)

Details the history of Nature on our planet for undergraduate and graduate students, with a focus on terrestrial paleoenvironments

Offers expert research accounts on the major transformations of natural systems during the Cenozoic, Mesozoic, and Paleozoic

Provides up-to-date information on less conventional

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## About this book

This book simulates a historical walk through nature, teaching readers about the biodiversity on Earth in various eras with a focus on past terrestrial environments. Geared towards a student audience, using simple terms and avoiding long complex explanations, the book discusses the plants and animals that lived on land, the evolution of natural systems, and how these biological systems changed over time in geological and paleontological contexts. With easy-to-understand and scientifically accurate and up-to-date information, readers will be guided through major biological events from the Earth's

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art expert scientific instruction on these topics and up-to-date and scientifically accurate illustrations, this book can serve as an international course for students, teachers, and other interested individuals.

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## Keywords

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**Quaternary      Glaciation**

**Phylogenetic diversification**

**Late Neogene expansion of C4 grasses**

**Paleocene-Eocene Thermal Maximum)**

**Angiosperms      Mesozoic**

**Silurian and Devonian marine ecosystems**

**Devonian-Ordovician Terrestrialization**

**Cambrian and Precambrian      Paleobotany**

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Dr. Edoardo Martinetto is an Assistant Professor and Researcher in the Earth Sciences Department at Turin University. He is a member of the Italian Association for the Study of Quaternary, the International Organization of Paleobotany, and the Italian Paleontological Association. He served as an Associate Editor for the Bulletin of the Italian Paleontological Society, and as a reviewer for several Journals including the American Journal of Botany and the Journal of Systematic Paleontology.

Dr. Emanuel Tschopp is a Postdoctoral Fellow at the American Museum of Natural History. He earned his PhD in Geology from University Nova of Lisbon in 2014, and is a member of several professional societies such as the Society of Vertebrate

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## Bibliographic Information

<b>Book Title</b>	<b>Book Subtitle</b>	<b>Editors</b>
Nature through Time	Virtual field trips through the Nature of the past	Edoardo Martinetto, Emanuel Tschopp, Robert A. Gastaldo

<b>Series Title</b>	<b>DOI</b>	<b>Publisher</b>
<a href="#">Springer Textbooks in Earth Sciences, Geography and Environment</a>	<a href="https://doi.org/10.1007/978-3-030-35058-1">https://doi.org/10.1007/978-3-030-35058-1</a>	Springer Cham

<b>eBook Packages</b>	<b>Copyright Information</b>	<b>Hardcover ISBN</b>
<a href="#">Earth and Environmental Science Earth</a>	Springer Nature Switzerland AG 2020	978-3-030-35057-4 Published: 28

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