

1. Record Nr.	UNINA9910659478303321
Autore	Pandi Vivek
Titolo	Taxonomy and Ecology of Climbers: Climbing Plants of India / / by Vivek Pandi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789811986451 9789811986444
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (928 pages)
Disciplina	635.974
Soggetti	Biodiversity Ecology Forests and forestry Forestry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Climbers - a general overview -- 2. Overview of the research on climbers from the past to the present: a global analysis -- 3. Ecology of Lianas: Diversity and distribution -- 4. Current status and future prospects -- 5. Taxonomic diversity of climbing flora in India – A compendium -- 6. Climber radiations in Angiosperms: How many families have climbers?
Sommario/riassunto	This book brings out the most comprehensive and up-to-date information on the taxonomy, biodiversity, and ecology of climbers in India. Climbing is one of the principal plant growth habits that have long attracted the interests of ecologists and evolutionary biologists. Climbing plants can add significantly to the species richness of many tropical forests ecosystems, yet they receive relatively lesser attention than trees in ecological studies. The difficulties in taxonomic assertions and lack of standard methodologies overlook climbers in plant inventories, resulting in the underrepresentation of climbers in regional floras. There is a growing consensus about the increasing abundance of climbers and their multifaceted role in tropical forests worldwide. Therefore, it is essential to understand the taxonomic diversity and ecology of climbers at the regional scale to substantiate our efforts

towards constructing a global climber database, which serves as a reference for fundamental research in climber ecology and evolution. This book is of interest to biodiversity researchers, taxonomists, ecologists, and evolutionary biologists. Field biologists, forest managers, and naturalists will also find this a useful read.
