

1. Record Nr.	UNINA9910380750103321
Titolo	Biodiversity of the Himalaya: Jammu and Kashmir State // edited by Ghulam Hassan Dar, Anzar A. Khuroo
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-329-174-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXIII, 1103 p. 163 illus., 120 illus. in color.)
Collana	Topics in Biodiversity and Conservation, , 1875-1288 ; ; 18
Disciplina	577
Soggetti	Biodiversity Plant ecology Conservation biology Ecology Plant systematics Plant taxonomy Plant physiology Plant Ecology Conservation Biology/Ecology Plant Systematics/Taxonomy/Biogeography Plant Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part IGeneral Introduction -- An Introduction to Biodiversity of the Himalaya: Jammu and Kashmir State -- Part IIBiodiversity: Global and Indian Perspectives -- Biodiversity: A Global Perspective -- Floristic Diversity of India: An Overview -- Faunal Diversity of India -- Floristic Diversity of the Indian Himalaya -- PART IIIBiodiversity of Jammu and Kashmir State: General Account -- Jammu and Kashmir State: An Overview -- Vegetation of Jammu and Kashmir State: A General Account -- Forest Ecosystems of Jammu and Kashmir State -- Aquatic Ecosystems of Jammu and Kashmir State -- Part IVBiodiversity of Jammu and Kashmir State: Genetic Diversity -- Genetic Diversity in Rosaceous Fruits of Jammu and Kashmir State: Apple, Apricot and Almond -- Varietal Diversity in Cereal Crops of the Kashmir Himalaya

-- Genetic Diversity in *Lymnaea acuminata* from Jammu Region, Jammu and Kashmir State -- Part V Biodiversity of Jammu and Kashmir State: Floristic Diversity -- Algal Diversity in Jammu and Kashmir State -- Fungal Diversity in the Kashmir Himalaya -- Diversity of Lichens in Jammu and Kashmir State -- An Updated Checklist of Bryophytes in Jammu and Kashmir State -- Pteridophytic Flora of Jammu and Kashmir State: A New Sketch -- Diversity of Gymnosperms in Jammu and Kashmir State -- An Updated Taxonomic Checklist of Angiosperms in Jammu and Kashmir State -- An Updated Checklist of Aquatic Macrophytes in Jammu and Kashmir State -- Diversity in Medicinal and Aromatic Flora of the Kashmir Himalaya -- An Annotated Inventory of Arboreal Flora in Jammu and Kashmir State -- Asteraceae in Jammu and Kashmir Himalaya: A Floristic Account -- Leguminosae in Jammu and Kashmir State: A Systematic Checklist -- Poisonous Plants of the Kashmir Himalaya: A Checklist -- Flora of Ladakh: An Annotated Inventory of Flowering Plants -- Part VI Biodiversity of Jammu and Kashmir State: Faunal Diversity -- Taxonomic Inventory of Ants (Hymenoptera: Formicidae) in Jammu and Kashmir State -- Biodiversity of Butterflies (Lepidoptera: Rhopalocera) in Jammu and Kashmir State -- Select Brachycera Families (Diptera) in Jammu and Kashmir State -- Diversity of Insects Infesting Medicinal and Aromatic Plants in the Kashmir Valley -- Moth (Lepidoptera) Fauna of Jammu and Kashmir State -- Bark Beetle Fauna (Coleoptera: Curculionidae) of Jammu and Kashmir State -- Diversity of Fishes in Jammu and Kashmir State -- Annotated List of Amphibians and Reptiles in Jammu and Kashmir State -- Avi-Faunal Diversity in Jammu and Kashmir State -- Wild Mammalian Diversity in Jammu and Kashmir State -- Part VII Biodiversity of Jammu and Kashmir State: Threats and Conservation -- Threatened Flora of Jammu and Kashmir State -- Threatened Fauna of Jammu and Kashmir State -- Urbanization and its Impact on Biodiversity in the Kashmir Himalaya -- Impact of Climate Change on Vegetation Distribution in the Kashmir Himalaya -- Biodiversity Conservation in Jammu and Kashmir State: Current Status and Future Challenges -- Biodiversity Conservation in Jammu and Kashmir State: Legal Framework and Concerns.

Sommario/riassunto

The Himalaya, a global biodiversity hotspot, sustains about one-fifth of the humankind. Nestled within the north-western mountain ranges of the Himalaya, the Jammu and Kashmir (J&K) State harbours more than half of the biodiversity found in the Indian Himalaya. The wide expanse of State, spread across the subtropical Jammu, through the temperate Kashmir valley, to the cold arid Ladakh, is typical representative of the extensive elevational and topographical diversity encountered in the entire Himalaya. This book, the most comprehensive and updated synthesis ever made available on biodiversity of the J&K State, is a valuable addition to the biodiversity literature with global and regional relevance. The book, arranged into 7 parts, comprises of 42 chapters contributed by 87 researchers, each of whom is an expert in his/her own field of research. The precious baseline data contained in the book would form the foundation for assessing current status of knowledge about the bioresources, identify the knowledge gaps, and help prioritization of conservation strategies to steer the sustainable use of biodiversity in this Himalayan region. Given the breadth of topics covered under the banner of biodiversity in this book, it can surely serve as a model for documentation of biodiversity in other regions of the world. The book will be of immense value to all those who, directly or indirectly, have to deal with biodiversity, including students, teachers, researchers, naturalists, environmentalists, resource managers, planners, government agencies, NGOs and the general

public at large.
