

1. Record Nr.	UNISA996208139203316
Titolo	Journal of behavioral health services & research
Pubbl/distr/stampa	New York, NY, : Springer
ISSN	1556-3308
Disciplina	362
Soggetti	Mental health services - Administration Mental Health Services Behavioral Research Health Services Societies, Medical Santé mentale, Services de - Administration Santé mentale, Services de Service de santé mentale Periodical Periodicals. Périodique électronique (Descripteur de forme) Ressource Internet (Descripteur de forme)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr.	UNINA9910298398203321
Autore	Doležal Jií
Titolo	Anatomy, Age and Ecology of High Mountain Plants in Ladakh, the Western Himalaya // by Jií Doležal, Miroslav Dvorský, Annett Börner, Jan Wild, Fritz Hans Schweingruber
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-78699-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (IX, 616 p.)
Disciplina	578.012 578.09
Soggetti	Plants - Evolution Plants - Development Plant ecology Biotic communities Plant Evolution Plant Development Plant Ecology Ecosystems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Anatomical descriptions of horsetails, ferns -- Anatomical descriptions of Dicotyledons -- Anatomical descriptions of Monocotyledons -- Synthesis of anatomical, ecological and phylogenetical data -- Material and methods.
Sommario/riassunto	This aesthetically unique book combines ecological, morphological and anatomical, as well as phylogenetic studies on plant material in a largely unexplored dry mountain region above the timberline. It offers the first comparative analysis of hundreds of plants - annuals, perennial herbs and dwarf shrubs - in an area of 87,000 km <sup>2</sup> at altitudes from 2600 to 6150 m above sea level in the Western Himalaya. Characteristic landscape pictures of all major vegetation types and maps show at which locations and altitudes the individual species of vascular plants are distributed, while macroscopic plant

pictures and plant age are related to high-quality micro-sections and micro-photographs. The anatomical features of 345 dicotyledons were characterized using the published coding systems and those of 155 monocotyledones were characterized on the basis of a newly developed key. The number of annual rings and anatomical features of the xylem and phloem of dicots are compared and related to different ecological conditions within this extremely dry and cold environment. The ecological and anatomical characterization is used to create a phylogenetic tree based on nucleotide sequences, and indicates which features are genetically stable and which ones are modified by environmental factors. The book appeals to scientists in the fields of plant taxonomy, morphology, anatomy and ecology. .

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