

1. Record Nr.	UNINA9910678261803321
Autore	Ozturk Munir A (Munir Ahmet)
Titolo	Halophyte Plant Diversity and Public Health // by Münir Öztürk, Volkan Altay, Moona Nazish, Mushtaq Ahmad, Muhammad Zafar
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-21944-9
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (213 pages)
Disciplina	581.42 581.754
Soggetti	Stress (Physiology) Plants Alternative medicine Conservation biology Ecology Plant physiology Agriculture - Economic aspects Plant Stress Responses Complementary and Alternative Medicine Conservation Biology Plant Physiology Agricultural Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Introduction -- Chapter 2: Some Representative Medicinal Halophytes in Asia -- Chapter 3: Phytochemistry and Biological Activity in the Halophytes -- Chapter 4: Ethnic Aspects and Importance in the Economy -- Chapter 5: Concluding Remarks and Future Prospects. .
Sommario/riassunto	Salinity is one of the acute problems causing enormous yield loss in many regions of the world. This phenomenon is particularly pronounced in arid and semiarid regions. Halophytes can remove salt from various types of problematic soils due to their unique morphological, physiological and anatomical adaptations to these

environments. Halophytes are also used for the treatment of certain diseases but scientific documentation in terms of current phytotherapeutic applications is deficient in this unique group of plants. Different ethnic groups around the world use medicinal halophytes according to their own beliefs and ancestor's experiences. However, their knowledge about the use of salt tolerant medicinal plants is usually confined to their own community. There is thus a knowledge gap on halophytes which should be bridged and preserved. This book provides a comprehensive account on the distribution of halophytes, their ethnobotanical and medicinal aspects, economic importance, and chemical constituents along with scientific description. The book therefore serves as a valuable resource for professionals and researchers working in the fields of plant stress biology and ethnobotanical aspects.
