Record Nr. UNINA9910450342103321 Autore Bell Peter Robert Titolo Green plants: their origin and diversity / / Peter R. Bell, Alan R. Hemsley [[electronic resource]] Cambridge:,: Cambridge University Press,, 2000 Pubbl/distr/stampa 1-107-11618-X **ISBN** 1-280-95580-5 9786610955800 0-511-80783-X 0-511-35131-3 0-511-04029-6 0-511-15536-0 0-511-55619-5 0-511-05152-2 Edizione [Second edition.] Descrizione fisica 1 online resource (vii, 349 pages) : digital, PDF file(s) Disciplina 581.3/8 Soggetti **Botany Plants** Plants - Evolution Plants - Variation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 05 Oct 2015). Note generali Includes bibliographical references (p.[327]-329). Nota di bibliografia Nota di contenuto Cover; Half-title; Title; Copyright; Contents; Preface to the first edition; Preface to the second edition; 1 General features of the plant kingdom; 2 The subkingdom Algae: Part 1; 3 The subkingdom Algae: Part 2; 4 The subkingdom Algae: Part 3; 5 The subkingdom Embryophyta: division Bryophyta (mosses and liverworts); 6 The subkingdom Embryophyta (cont.): division Tracheophyta, Part I; 7 The subkingdom Embryophyta (cont.): division Tracheophyta, Part 2; 8 The subkingdom Embryophyta (cont.): division Tracheophyta, Part 3; 9 The subkingdom Embryophyta (cont.): division Tracheophyta, Part 4

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The central theme of Green Plants, first published in 2000, is the

Sommario/riassunto

astonishing diversity of forms found in the plant kingdom, from the simplicity of prokaryotic algae to the myriad complexities of flowering plants. The book is arranged according to generally accepted classification schemes, beginning with algae (prokaryotic and eukaryotic) and moving through mosses, liverworts, fern allies, ferns and gymnosperms to flowering plants. Copiously illustrated throughout, it provides a concise account of all algae and land plants, with information on topics from cellular structure to life cycles and reproduction. The authors maintain a refreshingly cautious approach in discussions of possible phylogenetic relationships and include newly emerging information on features of plants known only as fossils. This edition has been completely updated to reflect current views on the origin of the major groups of plants, providing a resource for students of botany, and for researchers needing a comprehensive reference to the plant kingdom.