

1. Record Nr.	UNINA9910459712303321
Autore	Essig Frederick B.
Titolo	Plant life : a brief history // Frederick B. Essig
Pubbl/distr/stampa	Oxford, England : , : Oxford University Press, , 2015 ©2015
ISBN	0-19-936265-3
Descrizione fisica	1 online resource (281 p.)
Disciplina	581.3/8
Soggetti	Plants - Evolution Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Plant Life; Copyright; Dedication; Contents; Acknowledgments; Artwork Sources; Introduction; 1 The Origin of Photosynthesis; 2 Eukaryotic Plant Life; 3 Plants Invade the Land; 4 Vascular Plants and the Rise of Trees; 5 Seeds and the Gymnosperms; 6 Darwin's Abominable Mystery; 7 Adaptations for Pollination and Seed Dispersal; 8 The Dicotyledonous Grade; 9 The Monocots; Epilogue; Notes; Glossary; Bibliography; Index
Sommario/riassunto	Charles Darwin, the father of the theory of evolution, described the evolutionary origin of flowering plants as an "abominable mystery." Flowering plants - which appeared abruptly during the late Cretaceous Period - the origins of photosynthesis, and the early evolution of land plants are some of earth's most mysterious breakthroughs. The first seed plants appear in the fossil record about 350 million years ago, and flowering plants first appear approximately 120 million years ago, but the transitions between these major forms of plant life remain obscure. Prior to each breakthrough was a lo