Record Nr.	UNINA9910299396703321
Autore	Wang Xin
Titolo	The Dawn Angiosperms : Uncovering the Origin of Flowering Plants / / by Xin Wang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-58325-5
Edizione	[2nd ed. 2018.]
Descrizione fisica	1 online resource (424 pages)
Collana	Springer Geology, , 2197-9545
Disciplina	561.2
Soggetti	Paleontology Historical geology Evolutionary biology Plant physiology Paleontology Historical Geology Evolutionary Biology Plant Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Sommario/riassunto	This book discusses the controversial and conflicting hypotheses on the origin of angiosperms, which was generally assumed to be restricted to the Cretaceous and later ages. Since publishing the first edition of "The Dawn of Angiosperms" in 2010, several important advances have been made in this field of science, namely 1) the discovery of new fossil angiosperms from the Jurassic; 2) European researchers discovering angiosperm-like pollen from the Triassic; and most importantly 3) the discovery of a perfect flower from the Jurassic. All of these findings are at odds with the currently widely accepted evolutionary theories, and thus call upon us to critically reassess botanical theory. Accordingly, the new edition of this book not only includes more new fossil taxa, but also documents them in greater detail and corrects many commonly held misconceptions. In so doing,

it makes related studies and teaching on the early history of	
angiosperms more realistic, concrete, and tangible, providing concrete	
fossil evidence as the basis for future research, and helping to	
distinguish the most accurate botanical hypotheses.	