Record Nr. UNINA9910809987603321 Autore Alexander David E. <1955-> **Titolo** On the wing: insects, pterosaurs, birds, bats and the evolution of animal flight / / David E. Alexander; illustrations by Sara L. Taliaferro Pubbl/distr/stampa Oxford, [England]:: New York, New York:.: Oxford University Press... 2015 ©2015 **ISBN** 0-19-999679-2 0-19-999678-4 Descrizione fisica 1 online resource (225 p.) 591.57 Disciplina Soggetti Animal flight Wings (Anatomy) - Evolution Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Cover; Contents; Acknowledgments; Note on Sources; 1. Can't Tell the Nota di contenuto Players without a Scorecard; 2. Theme and Variations: Similarities and Differences among Nature's Flyers; 3. How to Fly?; 4. Gliding Animals: Flight without Power; 5. Insects: First to Fly; 6. Birds: The Feathered Flyers; 7. Bats: Wings in the Dark; 8. Pterosaurs: Bygone Dragons; 9. Pedestrians Descended from Flyers: Loss of Flight; 10. Unifying Themes?; Bibliography; Index On the Wing is the first book to take a comprehensive look at the Sommario/riassunto evolution of flight in all four groups of powered flyers: insects, pterosaurs, birds and bats. David Alexander describes and evaluates both traditional and modern wing-origin theories in light of new fossil

and genetic evidence.