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Titolo	The Evolution of Flight // by Georg Glaeser, Hannes F. Paulus, Werner Nachtigall
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-57024-2
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 248 p. 320 illus.)
Disciplina	576.8
Soggetti	Evolutionary biology Life sciences Nature Environment Zoology Animal ecology Evolutionary Biology Popular Life Sciences Popular Science in Nature and Environment Animal Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1: 400 Million Years of Flight Evolution -- Chapter 2: Photographs of animals in flight -- Chapter 3: From the perspective of the biophysicist -- Chapter 4: Criteria of evolution -- Chapter 5: Insects: The first flying animals -- Chapter 6: Birds: The "classics" among flying animals -- Chapter 7: Bats: Flying mammals -- Chapter 8: The fascination remains.
Sommario/riassunto	This book will take you on an exciting journey made up of texts and images. Spectacular, large-scale photographs printed on double pages and accompanied by explanatory texts will arouse the reader's curiosity about evolution's accomplishments in the world of flying: from the botanical air fleet (pollen grains, flying seeds...), over flying snakes and fish, to penguins flying underwater and humans rising into the air. Mathematician and passionate animal photographer Georg Glaser has

joined forces with the experienced evolutionary biologist Hannes Paulus and the exercise physiologist and flight biophysicist Werner Nachtigall in order to approach this topic with words and pictures in a way that is both generally comprehensible and scientifically sound. Double-page by double-page, the book can be read in any order. Cross-references allow to jump easily from one double-page to another. Aside from the detailed introduction to each chapter, the text passages are usually independent from one another, and they discuss crucial moments in the evolutionary process. The double-pages provide additional information on bibliographical references and references to informative websites.
