

1. Record Nr.	UNINA9910298451303321
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Titolo	The Evolution of the Eye // by Georg Glaeser, Hannes F. Paulus
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-17476-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (231 p.)
Disciplina	500
Soggetti	Life sciences Zoology Evolution (Biology) Animal ecology Popular Life Sciences Evolutionary Biology Animal Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Thoughts about evolution -- Lens eyes or facet eyes? -- The world is 3D -- The limits of clarity -- Simple or simplified? -- Above and below the water -- Pax and homology -- Alternative senses -- A world of color -- The language of our eyes.
Sommario/riassunto	With fascinating, spectacularly beautiful images, the book piques readers' curiosity about the diversity of visual organs. This book is the result of a dual approach – scientific as well as aesthetic. The compelling images are accompanied by an easy-to-read, understandable text, aimed at both scientists and the educated public, and generally anyone interested in the beauty of nature. Thanks to this combination, the book presents the staggering diversity of eyes in the animal kingdom and provides countless insights into the intriguing mechanisms at work – from simple pigment cups to independently flexible, telescopic, facet and lens eyes. Educational, exciting, entertaining till the last page, this is a book for anyone who is interested in evolution, nature, and the miracle of life.

