Record Nr. UNINA9910463433103321 The biology of chameleons / / edited by Krystal A. Tolley and Anthony **Titolo** Herrel; photo by Michele Menegon; contributors, Christopher V. Anderson [and eleven others] Berkeley, California:,: University of California Press,, 2014 Pubbl/distr/stampa ©2014 **ISBN** 0-520-95738-5 Descrizione fisica 1 online resource (304 p.) Altri autori (Persone) **TolleyKrystal** HerrelAnthony MenegonMichele AndersonChristopher V Disciplina 597.95/6 Soggetti Chameleons Electronic books. 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. Nota di contenuto Front matter -- CONTENTS -- CONTRIBUTORS -- FOREWORD -- 1. Biology of the Chameleons: An Introduction -- 2. Chameleon Anatomy -- 3. Chameleon Physiology -- 4. Function and Adaptation of Chameleons -- 5. Ecology and Life History of Chameleons -- 6. Chameleon Behavior and Color Change -- 7. Evolution and Biogeography of Chameleons -- 8. Overview of the Systematics of the Chamaeleonidae -- 9. Fossil History of Chameleons -- 10. Chameleon Conservation -- APPENDIX -- ABBREVIATIONS -- REFERENCES --PHOTO CREDITS -- INDEX They change color depending on their mood. They possess uniquely Sommario/riassunto adapted hands and feet distinct from other tetrapods. They feature independently movable eyes. This comprehensive volume delves into these fascinating details and thorough research about one of the most charismatic families of reptiles-Chameleonidae. Written for professional herpetologists, scholars, researchers, and students, this book takes readers on a voyage across time to discover everything that

is known about chameleon biology: anatomy, physiology, adaptations,

ecology, behavior, biogeography, phylogeny, classification, and conservation. A description of the natural history of chameleons is given, along with the fossil record and typical characteristics of each genus. The state of chameleons in the modern world is also depicted, complete with new information on the most serious threats to these remarkable reptiles.