

1. Record Nr.	UNINA9910455602303321
Titolo	The biology of wetas, king crickets and their allies [[electronic resource]] / edited by L.H. Field
Pubbl/distr/stampa	Wallingford, Oxon., UK ; ; New York, N.Y., USA, : CABI Pub., c2001
ISBN	1-280-81173-0 9786610811731 0-85199-782-1
Descrizione fisica	1 online resource (560 p.)
Altri autori (Persone)	FieldL. H (Laurence H.)
Disciplina	595.726
Soggetti	Anostostomatidae Jerusalem crickets Gryllacrididae Rhaphidophoridae Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Contributors; Foreword; Preface; Introduction; Part I Systematics and Biogeography; 1 The Higher Classification, Phylogeny and Evolution of the Superfamily Stenopelmoidea; 2 Habitats and Biogeography of New Zealand's Deinacridine and Tusked Weta Species; 3 North and Central America Jerusalem Crickets (Orthoptera: Stenopelmatidae): Taxonomy, Distribution, Life Cycle, Ecology and Related Biology of the American Species; 4 South African King Crickets (Anostostomatidae); 5 Australian King Crickets: Distribution, Habitats and Biology (Orthoptera: Anostostomatidae) 6 The Gryllacrididae: An Overview of the World Fauna with Emphasis on Australian Examples 7 The Evolutionary History of Tree Weta: A Genetic Approach; Part II Morphology and Anatomy; 8 Morphology and Anatomy of New Zealand Wetas; 9 Morphometric Analysis of Hemideina spp. in New Zealand; 10 Sexual Selection and Secondary Sexual Characters of Wetas and King Crickets; 11 Anatomy, Development and Behaviour of the Chilean Red Cricket, <i>Cratomelus armatus</i> Bl.; Part III Ecology; 12 The Ecology of Some Large Weta Species in New Zealand

13 The Gallery-related Ecology of New Zealand Tree Wetas, *Hemideina femorata* and *Hemideina crassidens* (Orthoptera, Anostostomatidae) 14 Parasites of Anostostomatid Insects; Part IV Behaviour; 15 Stridulatory Mechanisms and Associated Behaviour in New Zealand Wetas; 16 Defence Behaviour; 17 Mating Behaviour; 18 Aggression Behaviour in New Zealand Tree Wetas; 19 Communication and Reproductive Behaviour in North American Jerusalem Crickets (*Stenopelmatus*) (Orthoptera: Stenopelmatidae)

Appendix A: Effect of Temperature on Drumming Rates of Jerusalem Crickets (*Stenopelmatus*: Stenopelmatidae: Orthoptera) Part V Reproduction and Development; 20 The Reproductive Biology and the Eggs of New Zealand Anostostomatidae; 21 Postembryonic Development and Related Changes; Part VI Physiology; 22 Sensory Physiology; 23 Neuromuscular Physiology and Motor Control; 24 Circadian Rhythms in Tree Wetas, *Hemideina thoracica*; 25 Haemolymph Physiology; Part VII Conservation of Endangered Species; 26 Conservation of Threatened Species of Weta (Orthoptera: Anostostomatidae) in New Zealand; Index

Sommario/riassunto

Wetas are native to New Zealand and in evolutionary terms are insect "dinosaurs" within the Orthoptera. Related species occur in South Africa, Australia, North America and to a lesser extent, Europe. This book brings together all known information on these groups.
