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 Stenopelmatoidea; 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 Examples7 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, Cratomelus armatus 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: Anastostomatidae) 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.

2. Record Nr. UNINA9910462131003321

Titolo	Handbook of proteolytic enzymes [[electronic resource]] . Volume 1 / / edited by, Neil D. Rawlings, Guy Salvesen
Pubbl/distr/stampa	Oxford, : Academic, 2012
ISBN	1-283-73425-7 0-12-382220-3
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (3987 p.)
Altri autori (Persone)	RawlingsNeil D SalvesenG
Disciplina	572.76
Soggetti	Proteolytic enzymes Cellular control mechanisms Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: London: Elsevier Academic, 2004.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Handbook of Proteolytic Enzymes; Copyright Page; Contents; Editor Biographies; Contributors; Preface; Introduction; Terminology; Organization of the Handbook; Special forms of information in the Handbook; Links to the MEROPS database; Molecular images; Alignments; Secondary structure; Description of substrate specificity; References; Aspartic Peptidases; 1 Introduction: Aspartic and Glutamic Peptidases and Their Clans; Clan AA; Family A1; Other Families in Clan AA; Clan AF; Clan AC; Clan AD; Clan AE; Other Families; Glutamic Peptidases; Asparagine Peptide Lyases Clans NA, NC and NEInteins; Autotransporters; References; 2 Catalytic Pathways of Aspartic Peptidases; Introduction; Enzymatic Mechanism of Aspartic Peptidases; Enzymatic Mechanism of Glutamic Peptidases; References; 3 Pepsin A; Databanks; Name and History; Activity and Specificity; Structural Chemistry; Pepsinogen; Preparation; Biological Aspects; Related Peptidases; Further Reading; References; 4 Pepsin B; Databanks; Name and History; Activity and Specificity; Structural Chemistry; Preparation; Biological Aspects; Further Reading; References; 5 Chymosin; Databanks; Name and History Activity and SpecificityStructural Chemistry; Preparation; Biological

Aspects; Distinguishing Features; Related Proteinases; Further Reading; References; 6 Cathepsin E; Databanks; Name and History; Activity and Specificity; Structural Chemistry; Preparation; Biological Aspects; Tissue Distribution and Subcellular Localization; Regulation of Gene Expression; Processing, Maturation and Intracellular Trafficking Of Cathepsin E; Physiological Roles of Cathepsin E; Distinguishing Features; Further Reading; References; 7 Gastricsin; Databanks; Name and History; Activity and Specificity
Structural ChemistryProgastricsin; Preparation; Biological Aspects; References; 8 Cathepsin D; Databanks; Name and History; Activity and Specificity; Assay Methods; Specificity; Inhibition and Activation; Structural Chemistry; Three-dimensional Structure; Preparation; Biological Aspects; Gene and Expression Control; Knock-out Model; Organ Distribution and Cellular Localization; Apoptosis; Involvement in Cancer; Neurodegeneration; Other Biological Functions; Distinguishing Features; Related Peptidases; Acknowledgment; Further Reading; References; 9 Nothepsin; Databanks; Name and History
Activity and SpecificityStructural Chemistry; Primary Structure Analysis; Distinguishing Features of This New Class of Aspartic Proteinases; Retrieval and Sequencing of Nothepsin Enzymes; Presence of a Nothepsin Enzyme in Non-Antarctic Fish; Nothepsin in Organisms Other Than Fish; Preparation; Biological Aspects; Expression Pattern of the Nothepsin in Fish and Lizard; Phylogenetic Analysis, Adaptive Evolution and Role of Nothepsin; Further Reading; References; 10 Napsin A; Databanks; Name and History; Activity and Specificity; Structural Chemistry; Preparation; Biological Aspects
Further Reading

Sommario/riassunto

The third edition of the Handbook of Proteolytic Enzymes is a comprehensive reference work for the enzymes that cleave proteins and peptides, written by acknowledged experts in the field and containing over 850 chapters. Each chapter is organized into sections describing the name and history, activity and specificity, structural chemistry, preparation, biological aspects, and distinguishing features for a specific peptidase. There are also introductory chapters on peptidase classification and mechanisms and a comprehensive index. For the first time, the Handbook is also