

1. Record Nr.	UNINA9910982491403321
Titolo	Criminalità transnazionale e Unione europea / a cura di Anna Oriolo ... [et al.] ; foreword di Valsamis Mitsilegas
Pubbl/distr/stampa	Napoli, : Editoriale scientifica, 2024
ISBN	9791223500422
Descrizione fisica	868 p. ; 23 cm
Collana	Freedom, security & justice ; 12
Disciplina	345.24052
Locazione	FGBC
Collocazione	X Q 711
Lingua di pubblicazione	Italiano Inglese Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Testi in italiano, inglese o francese

2. Record Nr.	UNINA9910969166803321
Titolo	Bees : biology, threats and colonies / / Richard M. Florio, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, 2012
ISBN	1-61324-903-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (343 p.)
Collana	Animal science, issues and professions
Altri autori (Persone)	FlorioRichard M
Disciplina	595.79/9
Soggetti	Honeybee Honeybee - Diseases
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	Intro -- BEESBIOLOGY, THREATS AND COLONIES -- ANIMAL SCIENCE, ISSUESAND PROFESSIONS -- INSECTS AND OTHER TERRESTRIALARTHROPODS: BIOLOGY, CHEMISTRYAND BEHAVIOR -- BEESBIOLOGY, THREATS AND COLONIES -- Library of Congress Cataloging-in-Publication Data -- CONTENTS -- PREFACE -- CHAPTER 1. BIOLOGY OF THAI HONEYBEES:NATURAL HISTORY AND THREATS -- Abstract -- 1. NATURAL HISTORY, EVOLUTION AND TAXONOMY -- Life History of Thai Honeybees -- Honeybees that Build Single-Comb, Open-Air Nests -- The Black Dwarf Honeybee, Apis Andreniformis Smith, 1858 -- The Red Dwarf Honeybee, Apis florea Fabricius, 1787 -- The Giant Honeybee, Apis dorsata Fabricius, 1798 -- Honeybees that Build Multi-Comb Nests in Enclosed Cavities -- The Asiatic Hive Honeybee, Apis cerana Fabricius, 1793 -- The European Honeybee, Apis mellifera Linnaeus, 1758 -- 2. HONEYBEE DEVELOPMENT, CASTES AND AGE POLYTHEISM -- Honeybee Caste and Development -- Honeybee Development and Differentiation -- Division of Labour -- Colony Cycle: Migration, Swarming and Absconding -- Foraging Behavior -- Thermoregulation -- 3. HONEYBEE ANATOMY -- The Head of Honeybees -- The Antenna -- The Compound Eye -- The Internal Organ of the Head -- Hypopharyngeal Glands -- The Thorax -- The Abdomen -- 4. HONEYBEE PHEROMONES -- Pheromone Glands and Pheromone Production -- 5. POLLINATION BY THAI HONEYBEES -- Honeybee Pollination in Thailand -- Categorization of Bee Flora -- 6. BEEKEEPING IN THAILAND -- Introduction -- History -- Status of

Beekeeping in Thailand -- Conserving A. Cerana and others Native Species in Thailand -- Beehive -- 7. HONEYBEE PATHOGENS, PARASITES AND PREDATORS -- Introduction -- Honeybee Mites -- Tropilaelaps Clareae -- General Biology and Life Cycle of Tropilaelaps Clareae -- Pest Status: Symptoms and Distribution -- Varroa Jacobsoni -- General Biology of Varroa -- AcarApis Woodi. General Biology and Life Cycle -- Pest Status: Symptoms and Distribution -- The Parasitic Mite, Euvarroa -- Viral Diseases -- Bacterial Diseases -- American Foul Brood (AFB) -- European Foul Brood (EFB) -- Fungal Diseases -- Nosema Disease (Nosemosis) -- Nosema in Thailand -- Control of Nosema Disease -- Wax Moths -- Life Cycle of Wax Moths -- Wasps, Hornets and Ants -- REFERENCES -- CHAPTER 2. ASIAN HONEYBEES: BIOLOGY, THREATS AND THEIR CONSERVATION -- Abstract -- 1. INTRODUCTION -- 2. DIVERSITY OF HONEYBEE SPECIES -- 3. HONEYBEE BIOLOGY -- 3.1. Development -- 3.2. Drone Congregation Areas (DCAs) -- 3.3. Sex Pheromone Communication -- 3.4. Defensive Behavior -- 4. ECONOMIC IMPORTANCE -- 4.1. Hive Products -- 4.2. Pollination of Crops -- 5. MAJOR THREATS -- 5.1. Diseases, Parasites, Pests and Predators -- a) Diseases -- b) Parasitic Mites -- c) Pests and Predators -- 5.2. Deforestation -- 5.3. Honey Hunting -- 5.4. Habitat Loss -- 5.5. Pesticide Poisoning -- 5.6. Introduction of Exotic Species -- 6. CONSERVATION -- CONCLUSION -- REFERENCES -- CHAPTER 3. ODOR, LEARNING AND BEHAVIOR -- Abstract -- INTRODUCTION -- COMPLEX ODOR ENVIRONMENTS -- CROP ATTACHED FORAGERS -- NAÏVE RECRUIT FORAGERS -- SENSING AND NEURONAL TRANSMISSION OF ODORS -- ODOR PERCEPTION -- THE IMPORTANCE OF NECTAR ODORS FOR FORAGERS -- LIMITATIONS FOR ODOR COGNITION -- ODORS AS REPELLANTS: PERSPECTIVES FROM PESTICIDE STUDIES -- CONCLUSION -- ACKNOWLEDGMENTS -- REFERENCES -- CHAPTER 4. THREATS TO THE STINGLESS BEES IN THE BRAZILIAN AMAZON: HOW TO DEAL WITH SCARCE BIOLOGICAL DATA AND AN INCREASING RATE OF DESTRUCTION -- Abstract -- 1. INTRODUCTION -- 2. THE BEES AND THEIR RELATIONSHIP WITH THE ENVIRONMENT -- 3. REPRODUCTION BIOLOGY AND GENETICS IN BEES -- 4. MELIPONICULTURE: REALITY AND PERSPECTIVES -- 5. LINES OF ACTION: PERSPECTIVES. Line of Action 1: Research Focused on the Taxonomy, Ecology, Biology and Genetics of Amazonian Stingless Bees and Formation of Human Resources -- Line of Action 2: Consolidation of Partnerships via Networking Projects -- Line of Action 3: Commodity Chain of Meliponiculture -- CONCLUSION -- REFERENCES -- CHAPTER 5. THE IMPORTANT HONEY BEE VIRUSES: A SHORT DESCRIPTIVE REVIEW ENHANCED WITH RECENT DATA -- Abstract -- INTRODUCTION -- THE CASE OF GREECE -- CHRONIC BEE PARALYSIS VIRUS (CBPV) -- ACUTE BEE PARALYSIS VIRUS (ABPV) -- ISRAELI ACUTE BEE PARALYSIS VIRUS (IAPV) -- DEFORMED WING VIRUS (DWV) -- KASHMIR BEE VIRUS (KBV) -- BLACK QUEEN CELL VIRUS (QCV) -- SACBROOD VIRUS (SBV) -- DIAGNOSTIC TECHNIQUES -- REFERENCES -- CHAPTER 6. WHY MASSIVE HONEYBEE COLONY LOSSES DO NOT OCCUR IN URUGUAY? -- Abstract -- HONEYBEE COLONY LOSSES -- BEEKEEPING IN URUGUAY -- V. Destructor, the Main Honeybee Health Threat -- Nosema ceranae, a Problem Associated to Plantations of Eucalyptus Grandis -- OCCURRENCE AND DISTRIBUTION OF HONEYBEE VIRUSES IN URUGUAY -- SEASONAL DYNAMICS OF HONEYBEE PATHOGENS -- DISCUSSION -- REFERENCES -- CHAPTER 7. DISRUPTION IN BIOGENIC AMINES-MEDIATED SIGNALING: A POTENTIAL MOLECULAR MECHANISM ASSOCIATED WITH COLONY COLLAPSE DISORDER -- Abstract -- 1. INTRODUCTION -- 2. FACTORS AFFECTING HONEYBEE'S DEVELOPMENT,

LIFE SPAN AND LABOR SPECIALIZATION -- 3. CCD -- 4. BIOGENIC AMINES-MEDIATED SIGNALING -- 5. BIOGENIC AMINES-BASED PESTICIDES -- 5.1. Neonicotinoids -- 5.2. Amidine Compounds -- 6. BIOGENIC AMINES-MEDIATED LEARNING AND MEMORY -- 7. MOLECULAR MECHANISM UNDERLYING OLFACTORY DYSFUNCTION IN HONEYBEES: A POSSIBLE LINK WITH CCD -- 7.1. ROS-Mediated Oxidative Stress -- 7.2. ROS-Mediated Olfactory Dysfunction -- 7.3. ROS-Mediated Olfactory Dysfunction: Implication to CCD -- CONCLUSION -- REFERENCES.

CHAPTER 8. A NEW PERSPECTIVE ON AGE RELATED ASSOCIATIVE AND NON ASSOCIATIVE LEARNING PERFORMANCE IN HONEYBEES. -- Abstract -- 1. Introduction -- 2. Experiment 1: Evolution of Honeybee Sugar Threshold with Age -- 2.1. Introduction -- 2.2. Material and Methods -- 2.2.1. Determination of Sugar Threshold -- 2.2.2. Statistical Analysis -- 2.3. Results and Discussion -- 3. Experiment 2: Honey as a Reward -- 3.1. Introduction -- 3.2. Material and Methods -- 3.2.1. Statistical Analysis -- 3.3. Results and Discussion -- 4. Experiment 3: Sugar Perception and Division of Labor -- 4.1. Introduction -- 4.2. Material and Methods -- 4.3. Results and Discussion -- Conclusion -- Acknowledgments -- References -- CHAPTER 9. ACOUSTIC NOISES GENERATED BY INSECT COLONIES -- INTRODUCTION -- EXPERIMENTAL -- RESULTS -- CONCLUSION -- REFERENCES -- CHAPTER 10. EXOGENOUS AND ENDOGENOUS FLUCTUATIONS OF THERMOREGULATORY ACTIVITY -- INTRODUCTION -- MATERIALS AND METHODS -- RESULTS AND DISCUSSION -- CONCLUSION -- REFERENCES -- CHAPTER 11. THERMAL COMMUNICATION BETWEEN DEVELOPING AND ADULT HONEYBEES -- INTRODUCTION -- EXPERIMENTAL -- RESULTS AND DISCUSSION -- CONCLUSION -- REFERENCES -- CHAPTER 12. ELECTROCARDIOGRAM OF THE HONEYBEE -- INTRODUCTION -- REFERENCES -- CHAPTER 13. MODELING OF THE TEMPERATURE FIELD DISTRIBUTION IN WINTER CLUSTERS -- INTRODUCTION -- EXPERIMENTAL -- MODEL DESCRIPTION -- RESULTS AND DISCUSSION -- CONCLUSION -- REFERENCES -- CHAPTER 14. SOUNDS GENERATED BY BEE COLONIES DURING SOCIOTOMY -- INTRODUCTION -- MATERIALS AND METHODS -- RESULTS AND DISCUSSION -- CONCLUSION -- REFERENCES -- CHAPTER 15. BEES ADAPTATION TO WINTERING -- INTRODUCTION -- MATERIALS AND METHODS -- RESULTS -- DISCUSSION -- REFERENCES -- INDEX.

Sommario/riassunto

For students of animal behaviour, honey bees are an intriguing organism, interacting in a complex eusocial colony setting as well as with the environment as they forage over wide areas. This book presents research in the study of bees, including the importance of odour in learning and behaviour of the honeybee.