

1. Record Nr.	UNINA9910765539903321
Autore	Shields Vonnie D. C.
Titolo	Arthropods : New Advances and Perspectives // Vonnie D. C. Shields
Pubbl/distr/stampa	London, England : , : IntechOpen, , 2023
ISBN	1-80355-613-7
Descrizione fisica	1 online resource (242 pages)
Disciplina	632.65
Soggetti	Arthropod pests Perspective
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Table of Contents -- 1. Larval Development of Non-Insect Arthropods: Metamorphosis and Sexual Differentiation -- 2. Spatiotemporal Dynamics of Bemisia tabaci MEAM1 (Hemiptera: Aleyrodidae) in Commercial Soybean Crops -- 3. Food Detection and Feeding Behavior of Three Species of Household Cockroaches, Blatella germanica (L.), Periplaneta americana (L.), and Supella longipalpa (F.) -- 4. Interaction Among the Multi-Trophic Lac Insect Complex of Flora and Fauna: Impact on Quantity and Quality of the Resin Secreted -- 5. The Ability of Insects to Degrade Complex Synthetic Polymers -- 6. Deterrents and Their Effects on the Feeding Behavior and Sensory Physiology of Insects -- 7. Vector-Borne Disease and Climate Change -- 8. Overview of the Main Species of Ticks and Animal and Human Tick-Related Diseases in the Caribbean, Particularly in Haiti -- 9. Arthropods: Prospect of Household Food Security -- 10. Capybara Ticks and the Urban Context of Spotted Fever in Brazil: An Overview -- 11. Ommochromes of the Compound Eye of Arthropods from the Insects and Crustaceans Classes: Physicochemical Properties and Antioxidant Activity.
Sommario/riassunto	This book provides contributions on various topics pertaining to arthropods (insects and non-insects) written by experts in their respective fields. It targets a wide audience of entomologists, biologists, ecologists, zoologists, teachers, and students. The book is divided into four main sections on "Development", "Food Detection and Feeding Behavior", "Vector-borne Diseases", and "Structure and

Function of Vision". Chapters address such topics as larval development and metamorphosis of non-insect arthropods, spatiotemporal dynamics of the silver leaf whitefly pest, the importance of three species of household cockroaches, lac insects that secrete resin worthy of industrial importance, the feeding behavior of some insects, and much more.
