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Titolo	Triatominae - The Biology of Chagas Disease Vectors / / edited by Alessandra Guarneri, Marcelo Lorenzo
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Collana	Entomology in Focus, , 2405-8548 ; ; 5
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1.Origin and evolution of Triatominae -- 2. Taxonomy -- 3. Speciation Processes in Triatominae -- 4. Chromosome structure and evolution of Triatominae: A review -- 5. Embryonic development of the kissing bug Rhodnius prolixus -- 6. Anatomy of the nervous system of triatomines -- 7. Biogenic monoamines in the control of triatomine physiology with emphasis on Rhodnius prolixus -- 8. Structure and physiology of the neuropeptidergic system of triatomines -- 9. Sensory biology of triatomines -- 10. The behaviour of kissing-bugs -- 11. Features of interaction between triatomines and vertebrates based on bug feeding parameters -- 12. Blood Digestion in Triatomine Insects -- 13. The physiology of sperm transfer and egg production in vectors of Chagas disease with particular reference to Rhodnius prolixus -- 14. The Immune System of Triatomines -- 15. Interaction of triatomines with their bacterial microbiota and trypanosomes -- 16. The ecology and

	natural history of wild Triatominae in the Americas -- 17. Eco-epidemiology of vector-borne transmission of Trypanosoma cruzi in domestic habitats -- 18. Chagas Disease Vector Control -- 19. Insecticide resistance in triatomines -- 20. Perspectives in triatomine biology studies: “Omics”- based approaches.
Sommario/riassunto	This book aims to present updated knowledge on various aspects of the natural history, biology, and impact of triatomines to all interested readers. Each chapter will be written by authorities in the respective field, covering topics such as behavior, neurophysiology, immunology, ecology, and evolution. The contents will consider scientific, as well as innovative perspectives, on the problems related to the role of triatomine bugs as parasite vectors affecting millions in the Latin American region.