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Titolo	Behavioral ecology of insect parasitoids [[electronic resource] ] : from theoretical approaches to field applications // edited by Eric Wajnberg, Carlose Bernstein, and Jacques J.M. van Alphen
Pubbl/distr/stampa	Malden, Mass., : Blackwell Publishing, 2008
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Descrizione fisica	1 online resource (464 p.)
Altri autori (Persone)	WajnbergE BernsteinCarlos AlphenJacques van
Disciplina	595.717/857 595.717857
Soggetti	Parasitic insects - Behavior Parasitoids - Behavior Parasitic insects - Ecology Parasitoids - Ecology Insect pests - Biological control
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	Behavioral Ecology of Insect Parasitoids: From Theoretical Approaches to Field Applications; Contents; Contributors; Preface; Part 1 Current issues in behavioral ecology of insect parasitoids; 1 Optimal foraging behavior and efficient biological control methods; 2 Parasitoid fitness: from a simple idea to an intricate concept; 3 Parasitoid foraging and oviposition behavior in the field; 4 Behavior influences whether intra-guild predation disrupts herbivore suppression by parasitoids; 5 Chemical and behavioral ecology in insect parasitoids: how to behave optimally in a complex odorous environment 6 Parasitoid and host nutritional physiology in behavioral ecology7 Food-searching in parasitoids: the dilemma of choosing between

'immediate' or future fitness gains; 8 Information acquisition, information processing, and patch time allocation in insect parasitoids; 9 Competition and asymmetric wars of attrition in insect parasitoids; 10 Risk assessment and host exploitation strategies in insect parasitoids; Part 2 Extension of behavioral ecology of insect parasitoids to other fields; 11 Multitrophic interactions and parasitoid behavioral ecology  
12 Parasitoid sex ratios and biological control  
13 Linking foraging and dynamics; 14 Linking behavioral ecology to the study of host resistance and parasitoid counter-resistance; Part 3 Methodological issues in behavioral ecology; 15 State-dependent problems for parasitoids: case studies and solutions; 16 A Bayesian approach to optimal foraging in parasitoids; 17 Finding optimal behaviors with genetic algorithms; 18 Statistical tools for analyzing data on behavioral ecology of insect parasitoids; Index

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Sommario/riassunto

Written by a team of leading international specialists, Behavioral Ecology of Insect Parasitoids examines the optimal behaviors that parasitoids exhibit in order to maximize long term offspring production. It is an essential reference for research scientists and students studying these fascinating insects or for anyone involved in using parasitoids in biological control programs. Reviews topical issues, including cutting edge research on parasitoid decision making and the implications for biological control  
Explores applications in other fields, provides infor

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2. Record Nr.	UNINA9910144797403321
Titolo	Annual report // Biotechnology and Biological Sciences Research Council
Pubbl/distr/stampa	Swindon, England, : BBSRC, [1995]-
Descrizione fisica	1 online resource
Disciplina	660.6/072041
Soggetti	Biotechnology - Research - Great Britain Life sciences - Research - Great Britain Biology - Research - Great Britain Biology - Research Biotechnology - Research Life sciences - Research Periodicals. Great Britain
Lingua di pubblicazione	Inglese
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Livello bibliografico	Periodico