

1. Record Nr.	UNINA990001241460403321
Titolo	NONSTANDARD analysis. Recent developments : Proceedings of the Symposium at the University of Victoria Canada, 1980. / by HURD A.E.
Pubbl/distr/stampa	Berlin [etc.] : Springer-Verlag, 1983
Collana	Lecture Notes in Mathematics ; 983
Locazione	MA1
Collocazione	C-20-(983
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910785077303321
Autore	Krasnov Boris R. <1950->
Titolo	Functional and evolutionary ecology of fleas : a model for ecological parasitology / / Boris R. Krasnov [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2008
ISBN	1-107-18548-3 1-281-38376-7 9786611383763 0-511-39798-4 0-511-39721-6 0-511-40067-5 0-511-39648-1 0-511-54268-2 0-511-39878-6
Descrizione fisica	1 online resource (xiii, 593 pages) : digital, PDF file(s)
Classificazione	42.75
Disciplina	595.77/517857
Soggetti	Fleas - Ecology Fleas - Evolution Host-parasite relationships
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Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 466-582) and index.
Nota di contenuto	Composition of the order -- Hosts of Siphonaptera -- Geographical distribution of fleas -- Origin and evolution of fleas -- Life cycles -- Fleas and humanity -- Ecology of sexual dimorphism, gender differences and sex ratio -- Ecology of flea locomotion -- Ecology of host selection -- Ecology of haematophagy -- Ecology of reproduction and pre-imaginal development -- Ecology of flea virulence -- Ecology of host defence -- Ecology and evolution of host specificity -- Ecology of flea populations -- Ecology of flea communities -- Patterns of flea diversity -- Fleas, hosts, habitats -- What further efforts are needed?
Sommario/riassunto	Fleas are one of the most interesting and fascinating taxa of ectoparasites. All species in this relatively small order are obligatory haematophagous (blood-feeding) parasites of higher vertebrates. This book examines how functional, ecological and evolutionary patterns and processes of host-parasite relationships are realized in this particular system. As such it provides an in-depth case study of a host-parasite system, demonstrating how fleas can be used as a model taxon for testing ecological and evolutionary hypotheses. The book moves from basic descriptive aspects, to functional issues and finally to evolutionary explanations. It extracts several general principles that apply equally well to other host-parasite systems, so it appeals not only to flea biologists but also to 'mainstream' parasitologists and ecologists.