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| 1. Record Nr. | UNINA9910784124503321 |
| Titolo | Insect evolutionary ecology [[electronic resource]] : proceedings of the Royal Entomological Society's 22nd Symposium // edited by M.D.E. Fellowes, G.J. Holloway, J. Rolff |
| Pubbl/distr/stampa | Wallingford ; ; Cambridge, MA, : CABI Pub., c2005 |
| ISBN | 1-280-73570-8 9786610735709 1-84593-140-8 |
| Descrizione fisica | 1 online resource (551 p.) |
| Altri autori (Persone) | FellowesM (Mark) HollowayG (Graham) RolffJ (Jens) |
| Disciplina | 595.713/8 |
| Soggetti | Insects - Evolution Insects - Ecology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "The 21st [sic] Symposium of the Royal Entomological Society"--Introd. "As there was no 21st Symposium volume produced due to the lack of papers presented to make a volume, a 'Special issue - Insects and disease' of Physiological entomology has been produced"--The Society's Web site. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Genetics, relatedness and social behaviour in insect societies / Andrew F.G. Bourke -- Do insect sexual ornaments demonstrate heightened condition dependence? / Samuel Cotton and Andrew Pomiankowski -- Sperm competition in butterflies and moths / Nina Wedell -- Alternative mating tactics and fatal fighting in male fig wasps / James M. Cook -- Seasonal plasticity, host plants, and the origin of butterfly biodiversity / Soren Nylin, Karl Gotthard and Georg H. Nygren -- Life histories and parasite pressure across the major groups of social insects / J.J. Boomsma, P. Schmid-Hempel and W.O.H. Hughes -- Cascading effects of plant genetic variation on herbivore communities / Robert S. Fritz and Cris G. Hochwender -- The role of parasites of insect reproduction in the diversification of insect reproductive processes / Gregory D.D. Hurst, K. Mary Webberley and Robert Knell -- |

The evolution of imperfect mimicry / Francis Gilbert -- Evolutionary ecology of insect host-parasite interactions : an ecological immunology perspective / Kenneth Wilson -- Adaptive plasticity in response to predators in dragonfly larvae and other aquatic insects / Frank Johansson and Robby Stoks -- The peppered moth : decline of a Darwinian disciple / Michael E.N. Majerus -- Insecticide resistance in the mosquito *Culex pipiens* : towards an understanding of the evolution of ace genes / M. Weill ... [et al.] -- Molecular and ecological differentiation of species and species interactions across large geographic regions : California and the Pacific Northwest / John N. Thompson and Ryan Calsbeek -- The genetic basis of speciation in a grasshopper hybrid zone / David M. Shuker ... [et al.] -- Assortative mating and speciation as pleiotropic effects of ecological adaptation : examples in moths and butterflies / Chris D. Jiggins, Igor Emelianov and James Mallet -- Specializations and host associations of social parasites of ants / Jeremy A. Thomas, Karsten Schonrogge and Graham W. Elmes -- Evolutionary changes in expanding butterfly populations / Jane K. Hill, Calvin Dytham and Clare L. Hughes.

Sommario/riassunto

In addition to being critical components of terrestrial ecosystems, insects provide excellent model systems for understanding evolutionary ecology. This book is developed from proceedings of the Royal Entomological Society's 22nd international symposium, held in Reading in 2003.
