

1. Record Nr.	UNINA9910778588303321
Titolo	Aphids in a new millenium [[electronic resource] /] / Jean Christophe Simon ... [et al.], editors
Pubbl/distr/stampa	Paris, : Institut national de la recherche agronomique, 2004
ISBN	2-7592-0247-X
Descrizione fisica	1 online resource (556 p.)
Collana	Science update, , 1159-554X
Altri autori (Persone)	SimonJean Christophe
Soggetti	Aphids
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	Contents; Preface; In Memoriam : Francois Leclant (1934-2001); CHAPTER 1: APHID BIOLOGY AND ECOLOGY; Past and future of aphid biology (invited paper); Are aphid soldiers sterile?; Post-copula guarding and sex ratios in aphids; Alate aphid diversity and habitat selection, in east central Illinois, USA; EXAMINE (EXploitation of Aphid Monitoring In Europe): an European thematic network for the study of global change impacts on aphids; The conservation biology of aphids: the importance of host plant range State of Damson-hop aphid (Phorodon humuli Schrank) exules population on hops in the years 1986-2000Presence of a secondary endosymbiotic bacterium suppresses growth, development and cell number of the host aphid; Physiological interactions in the pea aphid bacteriocyte symbiosis under parasitism by the Braconid Aphidius ervi; Analysis of age polyethism in a soldier-producing aphid, Tuberaphis styraci, on an artificial diet; A general mechanism for predator- and parasitoid- induced dispersal in the pea aphid, Acyrthosiphon pisum Notes on the biology and ecology of Aphis spiraeicola Patch in Northern Morelos, MexicoSecondary endosymbiotic microbiota of the pea aphid, Acyrthosiphon pisum, in natural populations; Host plant specificity, life cycle and morphometric analysis of Ribes-inhabiting species of the genus Aphis L; Wing induction by natural enemies: cues, mechanisms and adaptive value; CHAPTER 2: TAXONOMY, SYSTEMATICS AND FAUNISTICS; The subgeneric classification of Brachycaudus van der Goot; Aphids of fruit trees in Tunisia

Host plant association and utilization of gall forming aphids (Homoptera: Aphididae) in western and northwest Himalayas Uroleucon Mordvilko (Homoptera: Aphididae) from the Indian subcontinent; Preliminary study of aphid diversity in China: taxonomic and geographic variation; Species composition of Florida aphid fauna; The history of the studies on aphid palaeontology and their bearing on the evolutionary history of aphids; The aphid fauna of the Argentinean Tierra del Fuego; What is the (aphid) subspecies?; Host range and population density of Aphis fabae Scop. in Sinai Governorates, Egypt The life cycle of Metathoracaphis isensis Sorin, 1987 (Homoptera, Aphididae) with descriptions of sexuales and eggs The species complex of aphids closely related to Dysaphis devector (Walker). (Homoptera, Aphididae): Possible ways of its formation; The case for Aphis solanella being a good species; CHAPTER 3 : GENETICS, POPULATION BIOLOGY AND EVOLUTIONARY BIOLOGY; Prospects in aphid genetics (invited paper); Evolution of sex allocation in the genus Tetraeneura (Aphididae: Pemphiginae); Male mating performance in Myzus persicae (Sulzer) Toxicological and molecular characterization of Pyrethroid knockdown resistance (kdr) in the peach-potato aphid, Myzus persicae (Sulzer)

2. Record Nr.	UNINA9910969906803321
Autore	Burel Francoise
Titolo	Landscape ecology : concepts, methods, and applications / / Francoise Burel, Jacques Baudry ; illustrations, Yannie Le Flem ; photographs, Jacques Baudry
Pubbl/distr/stampa	Enfield, N.H., : Science Publishers, c2003
ISBN	0-429-06399-7 1-4398-4417-8 1-281-94856-X 9786611948566 1-57808-657-4
Edizione	[First edition.]
Descrizione fisica	xvi, 362 p. : ill. (some col.), maps
Altri autori (Persone)	Baudry Jacques
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Nota di bibliografia

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Nota di contenuto

part Part I: Introduction -- chapter 1 Definition of a Discipline -- chapter 2 Landscape Ecology. Definition of a Multidisciplinary Approach -- part Part II: Landscape Structure and Dynamics -- chapter 3 Analysis of Spatial Structures -- chapter 4 The Dynamics of Landscapes -- chapter 5 Organization of Landscapes -- part Part III: Ecological Processes within Landscapes -- chapter 6 The Functioning of Populations at the Landscape Level -- chapter 7 Interspecific Relationships and Biodiversity in Landscapes -- chapter 8 Geochemical Flows in Landscapes -- part Part IV: Applications to Landscape Management -- chapter 9 Application of Landscape Ecology Concepts to Landscape Management and Design.

Sommario/riassunto

"Part I: Introduction: Definition of a Discipline: Emergence of Landscape Ecology in the History of Ecology; Recognition of Heterogeneity in Ecological Systems; Taking Human Activities into Account in Ecological Systems; Explicit Accounting for Space and Time; Landscape Ecology is based on Scientific Theories Linked to Ecology and Related Disciplines Landscape Ecology: Definition of a Multidisciplinary Approach: Landscape as Understood by the Ecologist; Landscape Ecology: An Interdisciplinary Approach; Landscape Ecology: Application of Results of Fundamental Research to Conservation Biology and Land Management Part II: Landscape Structure and Dynamics Analysis of Spatial Structures: Categories of Landscape Elements; From Sample Plots in a Wood to Woods in a Landscape; Typology of Patches and Corridors; Basic Concepts for Quantitative Approaches; Measurement of Heterogeneity; Fragmentation; Connectedness o Return to Scale Dependence: Contribution of Fractal Geometry o Elements of Geostatistics; Typologies of Landscape Structures; General Conclusion Dynamics of Landscapes: Questions on Organization and Dynamics of Landscapes Stemming from Observation; Changes in Land use on the Global Scale; Regional Approaches to Changes in Land Use: Variations Depending on Modes of Measurement; Local Approaches to Changes in Land Cover: Importance of Spatialization; Dynamics of Valley Landscapes: The Water Course and its Corridors; Dynamics of Non-Anthropogenic Landscapes; Land cover and Evolving Landscapes, a General Phenomenon Organization of Landscapes: Categories of Models; The Concept of Organization; Ecological Organization of Landscapes; From Farming Systems to Landscape Diversity; General Approach of Dynamics and Organization of Agrarian Landscapes; Landscape Dynamics and (Re) Organization: Multi-scale and Multidisciplinary Approach Part III: Ecological Processes within Landscapes: The Functioning of Populations at the Landscape Level: Patch Theory and Functioning of Metapopulations; Multi-habitat Species; Movement in Landscapes; Landscape Dynamics and the Functioning of Populations; Population Models used in Landscape Ecology Interspecific Relationships and Biodiversity in Landscapes: Interspecific Relationships; Biodiversity Geochemical Flows in Landscapes: Buffer Zones; Erosive Phenomena and Landscape Structure; Transfers in Watersheds; Conclusion Part IV: Applications to Landscape Management: Application of Landscape Ecology Concepts to Landscape Management and Design: Corridor Concept Applied to Development; Considering Landscape Ecology Concepts in Establishing Transportation Infrastructures; The Development of Rural Landscapes" --Provided by publisher.