

1. Record Nr.	UNINA9910778588303321
Titolo	Aphids in a new millennium [[electronic resource] /] / Jean Christophe Simon ... [et al.], editors
Pubbl/distr/stampa	Paris, : Institut national de la recherche agronomique, 2004
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Descrizione fisica	1 online resource (556 p.)
Collana	Science update, , 1159-554X
Altri autori (Persone)	SimonJean Christophe
Soggetti	Aphids
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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 (<i>Phorodon humuli</i> 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 <i>Aphidius ervi</i> ; Analysis of age polyethism in a soldier-producing aphid, <i>Tuberaphis styraci</i> , on an artificial diet; A general mechanism for predator- and parasitoid- induced dispersal in the pea aphid, <i>Acyrthosiphon pisum</i> Notes on the biology and ecology of <i>Aphis spiraecola</i> Patch in Northern Morelos, MexicoSecondary endosymbiotic microbiota of the pea aphid, <i>Acyrthosiphon pisum</i> , in natural populations; Host plant specificity, life cycle and morphometric analysis of <i>Ribes</i> -inhabiting species of the genus <i>Aphis</i> L; Wing induction by natural enemies: cues, mechanisms and adaptive value; CHAPTER 2: TAXONOMY, SYSTEMATICS AND FAUNISTICS; The subgeneric classification of <i>Brachycaudus</i> van der Goot; Aphids of fruit trees in Tunisia

Host plant association and utilization of gall forming aphids (Homoptera: Aphididae) in western and northwest HimalayasUroleucon 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 (Hemiptera, Aphididae) with descriptions of sexuales and eggsThe species complex of aphids closely related to *Dysaphis devecta* (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 *Tetraneura* (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 Françoise
Titolo	Landscape ecology : concepts, methods, and applications / / Françoise 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
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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 or Return to Scale
Dependence: Contribution of Fractal Geometry or 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.