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Altri autori (Persone)	SimonJean-Christophe
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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>Acyrtosiphon 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>Acyrtosiphon 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 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 Tetraaneura (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)

Sommario/riassunto

Ce livre regroupe les communications proposees lors du 6 eme Symposium international sur les pucerons qui s'est tenu a Rennes, France, en septembre 2001. Ce symposium a ete organise par l'equipe d'aphidologistes de l'Inra et de l'Ecole Nationale Supérieure Agronomique de Rennes (Ensar). Couvrant la plupart des aspects de la recherche internationale sur les pucerons, l'ouvrage est presente en 5 chapitres: Biologie et Ecologie - Taxonomie, Systematique et Faunistique - Genetique, Biologie des populations et Ecologie evolutive - Dynamique des populations, Lutte biologique et Gestion integree des ravageurs - Interactions plantes-pucerons. Le nombre d'articles et leur diversite refletent le dynamisme de la communaute des scientifiques travaillant sur les pucerons.
