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Edizione	[2nd ed.]
Descrizione fisica	1 online resource (441 p.)
Altri autori (Persone)	LoonJ. J. A. van DickeMarcel
Disciplina	595.717/85
Soggetti	Insects - Food Insect-plant relationships Electronic books.
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 indexes.
Nota di contenuto	Foreword to the second edition; Preface to the second edition; Preface to the first edition; Contents; 1 Introduction; 2 Herbivorous insects: something for everyone; 3 Plant structure: the solidity of anti-herbivore protection; 4 Plant chemistry: endless variety; 5 Plants as insect food: not the ideal; 6 Host-plant selection: how to find a host plant; 7 Host-plant selection: when to accept a plant; 8 Host-plant selection: variation is the rule; 9 The endocrine system of herbivores listens to host-plant signals; 10 Ecology: living apart together 11 Evolution: insects and plants forever in combat 12 Insects and flowers: mutualism par excellence; 13 Insects and plants: how to apply our knowledge; Appendices; Taxonomic index; Author index; Subject index
Sommario/riassunto	Insect-Plant Biology uncovers the highly intricate antagonistic as well as mutualistic interactions that have evolved between plants and insects. The authors discuss the operation of these mechanisms at the molecular and organismal levels and explicitly put these in the context of both ecological interactions and evolutionary processes. This multidisciplinary approach will appeal to students in biology,

agricultural entomology, ecology, and indeed anyone interested in the principles underlying the relationships between the two largest groups of organisms on earth: plants and insects. - ;Half

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