

1. Record Nr.	UNINA9910961091103321
Autore	Schoonhoven L. M
Titolo	Insect-plant biology / / Louis M. Schoonhoven, Joop J.A. van Loon, Marcel Dicke
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2005
ISBN	1-383-02428-6 0-19-154582-1 1-280-75934-8 1-4356-1801-7
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (441 p.)
Collana	Oxford scholarship online
Altri autori (Persone)	LoonJ. J. A. van DickeMarcel
Disciplina	595.717/85
Soggetti	Insects - Food Insect-plant relationships
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Formerly CIP. Previous edition: London : Chapman & Hall, 1997. Previously issued in print: 2005.
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 combat12 Insects and flowers: mutualism par excellence; 13 Insects and plants: how to apply our knowledge; Appendices; Taxonomic index; Author index; Subject index
Sommario/riassunto	This textbook offers descriptions of the biology of insect-plant interactions, mainly at the level of the organism and is illustrated throughout with numerous examples. This edition incorporates new developments resulting from advances in molecular plant and insect

biology.
