Record Nr. UNINA9910760273603321 Autore **Ebbatson Roger Titolo** Perception, Class and Environment in the Works of Thomas Hardy // by Roger Ebbatson Cham:,: Springer Nature Switzerland:,: Imprint: Palgrave Macmillan, Pubbl/distr/stampa , 2024 **ISBN** 9783031401107 3031401107 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (XII, 154 p.) Disciplina 809.3 Soggetti Fiction Literature, Modern - 19th century European literature Poetry Fiction Literature Nineteenth-Century Literature European Literature Poetry and Poetics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto 1. 'The Bride-Night Fire': Hardy & the Voice of the Folk -- 2. A Pair of Blue Eyes: The Cliff-Scene and the Literary Sublime -- 3. Moments of (Technological) Vision -- 4. 'The Withered Arm' and History -- 5. (Un) Binding the Sheaves: Selfhood and Labour in Tess of the d'Urbervilles -- 6. 'The Open': Hardy and Jefferies -- 7. The d'Urberville Family Portraits: Faciality and Identity -- 8. Tess of the d'Urbervilles and the Fin de Siècle -- 9. Wayfaring -- 10. Hardy's Lyric Voice: 'Beeny Cliff' --11. 'The Face at the Casement': Window Patterns in Hardy's Poetry. Sommario/riassunto This book examines Thomas Hardy's writing in both prose and poetry. focusing on issues of perception, 'being', class and environment. It illustrates the ways in which Hardy represents a social world which serves as a 'horizon' for the individual and explores the dialectic between the perceptible world and human consciousness. Ebbatson

demonstrates how, in Hardy's oeuvre, modern life becomes alienated

from its roots in rural life – individual freedom is achieved in works like Tess of the d'Urbervilles, Jude the Obscure or The Woodlanders at the cost of personal insecurity and a deepening sense of homelessness. However, this development occurs against the marginalisation of dialect forms of speech. This book also explores how Hardy's impressionist vision serves to undermine the prevailing conventions of plot structure. Roger Ebbatson is Visiting Professor at Lancaster University and Emeritus Professor at University of Worcester, UK. He is the author of numerous books, including Literature and Landscape (2013) and Landscapes of Eternal Return (2016).

Record Nr. UNINA9910760490103321

Autore Delaplane Keith

Titolo Crop Pollination by Bees, Volume 1 : Evolution, Ecology, Conservation,

and Management

Pubbl/distr/stampa Oxford:,: CAB International,, 2021

©2021

ISBN 1-78639-350-6

9781786393517 9781786393500 9781786393494

Edizione [2nd ed.]

Descrizione fisica 1 recurs en línia (141 pàgines)

Disciplina 571.8642

Soggetti Pol·linització per insectes

Apicultura

Plantes alimentàries - Millora genètica

Llibres electrònics.

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto Intro -- Half Title -- Title -- Copyright -- Dedication -- Contents --

Author Biography -- Preface to the 2000 Edition -- Preface to the 2021

Edition -- Acknowledgements -- 1 Angiosperms and Bees: The Evolutionary Bases of Crop Pollination -- 1.1 Sex: diversity with

Fertilization -- 1.4 Evolution of the Flower -- 1.5 Coevolution of Animal Pollinators and the Flower -- 1.6 Insect Flower Visitors and the Significance of Bees -- 2 Biology of Bees -- 2.1 Bee Fundamentals --2.2 Solitary Bees -- 2.3 Social Bees -- 2.4 A Word About Pollinator Efficacy and its Labels -- 2.5 Effects of Non-Native Bee Species -- 3 What Makes a Good Pollinator? -- 3.1 Pollinator Efficiency -- 3.2 Pollination Performance from the Perspective of the Bee -- 3.3 Pollinator Dependency from the Perspective of the Plant -- 3.3.1 Breeding systems -- 3.3.2 Flower and fruit morphology -- 3.4 Pollinator Performance from the Perspective of Foraging Ecology --3.4.1 Theoretical foundations -- 3.4.2 Taxon-based differences in bee flight distance -- 3.4.3 Morphological considerations -- 3.4.4 Forager behaviour in rich and poor habitats -- 4 Economic and Ecosystem Benefits of Bee Pollination -- 4.1 Worldwide Production Trends for Bee-Pollinated Crops -- 4.2 Quality Properties Distinctive to Bee-Pollinated Crops -- 4.3 Value of Optimizing Pollination in Bee-Pollinated Crops --4.4 Efforts at Valuing Bee Pollination Across Geographic Scales -- 4.4.1 Economic value of insect pollination -- 4.4.2 Attributable net income -- 4.4.3 Replacement value -- 4.4.4 Consumer surplus -- 4.4.5 Computable general equilibrium -- 4.4.6 Higher-order dependence --4.4.7 Stated preference or willingness to pay -- 4.5 Other Ecosystem Services Provided by Bees -- 5 State of the World's Bee Pollinators and the Consequences for Crop Pollination. 5.1 Bee Decline: Evidence Over Hyperbole -- 5.2 Bee Decline Examined -- 5.2.1 Interactions between landscape alteration and agricultural intensification -- 5.2.2 Interactions between landscape alteration and non-native species -- 5.2.3 Interactions between pathogens and managed bees -- 5.2.4 Interactions between artefacts of agricultural intensification -- 5.2.4.1 Nutrient stress -- 5.2.4.2 Pesticides and other agrochemicals -- 5.2.4.3 Pathogen on pathogen interactions --5.2.4.4 Direct effects of agricultural intensification on bee pathogens -- 5.2.5 Interactions between climate change, landscape alteration and agricultural intensification -- 5.3 Modelled Predictions of Bee Decline -- 5.4 Bee Decline and Impacts on Pollination -- 5.4.1 Pollination deficit from sick bees -- 5.4.2 Pollination deficit from bee shortage --6 Applied Bee Conservation -- 6.1 Natural Bee Habitats -- 6.2 Restored Bee Habitats -- 6.2.1 Plant lists -- 6.2.2 Importance of season-long bloom -- 6.2.3 Importance of native perennials as bee pasture plants -- 6.2.4 Importance of age and diversity of restorative plantings -- 7 Honeybees: Their Biology, Culture and Management for Pollination --7.1 Bee Colony and Beekeeper Demographics -- 7.2 Honeybee Biology -- 7.3 Honeybees as Pollinators -- 7.3.1 Synergies with other bee species -- 7.3.2 Africanized honeybees and pollination -- 7.4 Simplified Beekeeping for Pollination -- 7.4.1 Basic hive parts and configuration -- 7.4.2 Other required beekeeping equipment -- 7.4.3 Buying colonies -- 7.4.4 Installing package bees -- 7.4.5 Minimum hive management -- 7.5 Managing Honeybees for Pollination -- 7.5.1 A good pollinating hive -- 7.5.2 Moving hives -- 7.5.3 Timing -- 7.5.4 Irrigation and bee activity -- 7.5.5 Recommended bee densities --7.5.6 Hive placement -- 7.5.7 Non-crop or 'competing' bloom -- 7.5.8 Pollen or biocontrol dispensers. 7.5.9 Pollen traps -- 7.5.10 Honeybee attractants -- 8 Bumble Bees: Their Biology, Culture and Management for Pollination -- 8.1 The Genus Bombus -- 8.2 Bumble Bee Biology -- 8.3 Bumble Bees as Pollinators -- 8.4 Conserving Wild Bumble Bees -- 8.5 Rearing Bumble Bees -- 8.5.1 Hiving colonies from the field -- 8.5.2 Providing artificial nesting sites in the field -- 8.5.3 Rearing bumble bees year-round --

Stability -- 1.2 Sex in the Gymnosperms -- 1.3 Flower Morphology and

8.5.3.1 Honeybees as a source of pollen and surrogate workers --8.5.3.2 The gueen starter box -- 8.5.3.3 The finisher box -- 8.5.3.4 Ambient rearing conditions -- 8.5.3.5 Feeding colonies in captivity --8.5.3.6 Catching gueens and initiating nests -- 8.5.3.7 Graduating incipient colonies to finisher boxes -- 8.5.3.8 Graduating colonies into pollination units -- 8.5.3.9 Mating gueens and inducing incubation --8.5.3.10 Activating second-generation gueens -- 8.6 Managing Hived Bumble Bees for Pollination -- 8.6.1 Managing bumble bees in the field -- 8.6.2 Managing bumble bees in the greenhouse -- 9 Managed Solitary Bees -- 9.1 Alfalfa Leafcutting Bees -- 9.1.1 Biology -- 9.1.2 Alfalfa leafcutting bees as pollinators -- 9.1.3 Recommended bee densities -- 9.1.4 Rearing and managing alfalfa leafcutting bees --9.1.4.1 Cold storage and incubation -- 9.1.4.2 Nesting materials and shelters -- 9.1.4.3 Loose-cell rearing system -- 9.1.4.4 Solid wood/phaseout rearing system -- 9.1.4.5 Alfalfa leafcutting bee enemies -- 9.2 Alkali Bees -- 9.2.1 Biology -- 9.2.2 Alkali bees as pollinators -- 9.2.3 Recommended bee densities -- 9.2.4 Qualities of good nesting sites -- 9.2.4.1 Soil moisture -- 9.2.4.2 Soil composition and texture -- 9.2.4.3 Vegetation -- 9.2.5 Building or enhancing bee beds -- 9.2.5.1 Natural/semi-natural (open-ditched) beds -- 9.2.5.2 Semi-artificial (pipeline) beds -- 9.2.5.3 Artificial (plastic-lined) beds -- 9.2.6 Surface moisture.

9.2.7 Late-season moisture -- 9.2.8 Surface salting -- 9.2.9 Vegetation management -- 9.2.10 Attracting and establishing bees -- 9.3 Orchard Mason Bees -- 9.3.1 Biology -- 9.3.2 Orchard mason bees as pollinators -- 9.3.3 Rearing and managing orchard mason bees -- 10 Wild Bees -- 10.1 Wild Bees as Pollinators -- 10.2 Drivers of Wild Bee Abundance and Pollination Performance at Crops -- 11 Stingless Bees, Tribe Meliponini -- 11.1 Stingless Bee Biology -- 11.2 Stingless Bees as Pollinators -- 11.3 Meliponiculture -- References -- Index -- Back.

Sommario/riassunto

A practical guide to bees and how they pollinate essential crops. Provides simple, succinct advice on how to increase bee abundance and pollination. Very useful for farmers, horticulturalists, gardeners, and those interested in insect ecology and conservation, including students of entomology and crop protection.