1. Record Nr. UNISALENTO991004156659707536

Autore	Bassin, Filipp Veniaminovic
Titolo	Il problema dell'inconscio : sulle forme inconsce dell'attività nervosa superiore / prefazione di Cesare L. Musatti
Pubbl/distr/stampa	Roma : Editori riuniti, 1972
Descrizione fisica	XVI, 340 p. ; 22 cm
Collana	Nuova biblioteca di cultura ; 106
Altri autori (Persone)	Marchi, Adriano Platone, Rossana
Disciplina	154
Soggetti	Inconscio
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Trad. A. Marchi, R. Platone

2. Record Nr. UNINA9910955111403321

Autore	Page Robert E
Titolo	The spirit of the hive : the mechanisms of social evolution / / Robert E. Page
Pubbl/distr/stampa	Cambridge, Mass., : Harvard University Press, 2013
ISBN	9780674075566 0674075560 9780674075542 0674075544
Edizione	[1st ed.]
Descrizione fisica	1 online resource (240 p.)
Disciplina	595.79/9
Soggetti	Beehives Honeybee - Behavior Honeybee - Evolution Pollen
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 index.
Nota di contenuto	Front matter -- Contents -- Foreword -- Preface -- 1. Darwin's Dilemma and the Spirit of the Hive -- 2. What Is the Spirit of the Hive? -- 3. Individual Variation in Behavior -- 4. The Evolution of Polyandry -- 5. The Phenotypic Architecture of Pollen Hoarding -- 6. The Genetic Architecture of Pollen Hoarding -- 7. Reproductive Regulation of Division of Labor -- 8. Developmental Regulation of Reproduction -- 9. The Regulatory Architecture of Pollen Hoarding -- 10. A Crowd of Bees -- Acknowledgments -- Index
Sommario/riassunto	Charles Darwin struggled to explain how forty thousand bees working in the dark, seemingly by instinct alone, could organize themselves to construct something as perfect as a honey comb. How do bees accomplish such incredible tasks? Synthesizing the findings of decades of experiments, The Spirit of the Hive presents a comprehensive picture of the genetic and physiological mechanisms underlying the division of labor in honey bee colonies and explains how bees' complex social behavior has evolved over millions of years. Robert Page, one of the foremost honey bee geneticists in the world, sheds light on how the

coordinated activity of hives arises naturally when worker bees respond to stimuli in their environment. The actions they take in turn alter the environment and so change the stimuli for their nestmates. For example, a bee detecting ample stores of pollen in the hive is inhibited from foraging for more, whereas detecting the presence of hungry young larvae will stimulate pollen gathering. Division of labor, Page shows, is an inevitable product of group living, because individual bees vary genetically and physiologically in their sensitivities to stimuli and have different probabilities of encountering and responding to them. A fascinating window into self-organizing regulatory networks of honey bees, The Spirit of the Hive applies genomics, evolution, and behavior to elucidate the details of social structure and advance our understanding of complex adaptive systems in nature.