Record Nr. UNINA9910483921603321 **Titolo** Neotropical social wasps: basic and applied aspects / / Fabio Prezoto [and three others] editors Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2021] ©2021 3-030-53510-X **ISBN** Edizione [1st ed. 2021.] 1 online resource (XIII, 472 p. 126 illus., 66 illus. in color.) Descrizione fisica Disciplina 595.798 Soggetti Vespidae - Behavior Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Nota di contenuto A Brief Review Of Studies On Social Wasps In Brazil -- The Evolution of Swarm Founding in the Wasps: Possible Scenarios -- The foraging behaviour of neotropical social wasps -- The choice of sexual partner in social wasps -- Nesting Habits of Neotropical Social Wasps -- Castes and polymorphisms in neotropical social wasps -- The biology of swarm-founding epiponine wasp. Polybia paulsita -- Causes and consequences of reproductive conflicts in wasp societies -- Postembryonic Development in Brazilian Social Wasps -- Evolution and adaptation of the wings and mandibles of neotropical social wasps --Cuticular hydrocarbon studies in Neotropical Social Wasps --Biogeographic hypotheses for the Neotropical Social Wasps --Chromosome diversity and evolution in Neotropical social wasps --Phylogeny and classification of the Neotropical social wasps -- List of species of social wasps from Brazil -- The Old-World versus New-World social wasps: Similarities, differences and threats -- Key to the genera of social wasps (Polistinae) occurring in Brazil -- Research techniques used in the study of social wasps -- Community ecology of social wasps in Brazil: Forty years of studies -- Interactions between wasps and other animals: associations and natural enemies --Interactions of social wasps with microorganisms -- Artificial Environments for Studying Eusocial Wasps -- Economic importance of

Neotropical Social Wasps.

Sommario/riassunto

This book provides updated information on this intriguing and exciting

group of insects: Neotropical Social Wasps. These insects have a particular biology and their colonies are formed by a few cooperative females living in either small or massive, structured nests where stinging individuals organize their activities and defend their offspring. Topics include evolutionary aspects, biogeography, post-embryonic development, community behavior and ecology, economic importance, and research methods.