

1. Record Nr.	UNINA9910253936203321
Titolo	Behaviour and Ecology of Spiders : Contributions from the Neotropical Region // edited by Carmen Viera, Marcelo O. Gonzaga
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-65717-8
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVII, 437 p. 91 illus., 54 illus. in color.)
Disciplina	591.5
Soggetti	Behavioral sciences Animal ecology Animal systematics Animal taxonomy Evolutionary biology Entomology Behavioral Sciences Animal Ecology Animal Systematics/Taxonomy/Biogeography Evolutionary Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Diversity and Distribution of Araneomorph Spiders in the Neotropics.- Chapter 2. Biodiversity and Biogeography of Neotropical Mygalomorphae.- Chapter 3. Neotropical Arachnological Collections: Basic Tools for the Development in the Spiders Research.- Chapter 4. Habitat Selection and Dispersion in Neotropical Spiders.- Chapter 5. Dispersal Strategies, Genetic Diversity and Distribution: Implications on Conservation in Two South American Sand-dwelling Wolf Spiders. - Chapter 6. Webs: function, structure and variation.- Chapter 7. Interactions Among Spiders and Plants: an Ecological Approach -- Chapter 8. Spiders as Plant-Partners: Complementing Ant Services in Extrafloral Nectaried Plant Communities.- Chapter 9. Foraging strategies of cursorial and ambushing spiders.- Chapter 10. Trophic Specialization -- Chapter 11. Spiders associated to agroecosystems,

roles and perspectives.- Chapter 12. Chemical Communication in Neotropical Spiders.- Chapter 13. Sexual selection and mating behaviors.- Chapter 14. Parental care and sociality.- Chapter 15. Plasticity and cognition in spiders.- Chapter 16. Host behavioural manipulation of spider hosts by parasitoid wasps.- Chapter 17. Anti-predator strategies in neotropical spiders. .

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## Sommario/riassunto

Within the last few decades, arachnology in the Neotropical region has experienced a great development filling the knowledge gap in one of the most diverse regions of the world. Nevertheless, large geographical areas remain poorly sampled, especially within the Amazon, and new genera and species have been continuously discovered, even in urban areas. In congruence with the recent improvements in research, several aspects of the ecology, behaviour and natural history of spiders, such as interactions with other predators and parasitoids, social interactions, dispersal patterns, habitat requirements, mating behaviors, among others, are being carefully investigated. These recent contributions incorporate substantial information on the preexisting knowledge on these subjects every year. Our main objective with this book is to present a summary on these new researches and on the currently knowledge on the main subjects involved in the general theme, emphasizing the contribution of the rich fauna of the Neotropical region to the research of behaviour and ecology of the spiders. .

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