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Nota di contenuto	Preface Part I: Morphology and function of spiders- What do spiders look like? -- How do spiders hear, smell, taste, and sense? -- How do spiders see?- How do spiders move? -How can spiders grow despite their outer skeleton? -- Spider venom -- Spider silk -- Prey catch and spider webs -- How do spiders feed and digest?- Sex of spiders Part II: We live in a world full of spiders- Some like it cold -- how spiders survive adverse seasons -- How do spiders defend themselves against enemies? -The importance of spiders in our environment -- Species richness of spiders -- Worldwide import and spread of spiders -- Spiders in and at our house- Fascinating spiders- Part III: our emotional side towards spiders- Fear of spiders -- Communication about spiders -- spiders and humans: a tense relationship? -Spiders as pets?- Appendix- Common spider families- How to determine spiders?- Authors- Association for the Promotion of Spider Research- References- Index.

All You Need to Know About Spiders Spiders are super predators and devour everything they can overpower. To do this, they have developed incredibly good catching techniques and, with spider silk, a tool that makes material technology green with envy. The males are usually smaller than the females and, in order to have sex, they have to come up with a lot to avoid being misunderstood as easy prey: Dancing, drumming, and gifts almost always help. Spiders use their venom in very precise doses, and since humans are not on their menu, they are harmless to us. Many people's (unnecessary) fear of spiders finds cultural roots as early as the Middle Ages. Nevertheless, spider fear is easily treatable. There is no habitat or building without spiders. And that's a good thing, because spiders have fascinating properties and their world is full of surprises. Everything you need to know about them is explained in this book in understandable language by experts for laymen. In addition, some of the most common spider species in the house and garden are briefly presented with tips for observation. The authors This book is authored by eight scientists, all of them members of the Association for the Promotion of Spider Research: Wolfgang Nentwig, Jutta Ansorg, Angelo Bolzern, Holger Frick, Anne-Sarah Ganske, Ambros Hänggi, Christian Kropf and Anna Stäubli.
