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Nota di contenuto	Contents; About the Editors; Contributors; Preface; 1 Survival of Parasitic Nematodes outside the Host; 2 Survival of Plant-parasitic Nematodes inside the Host; 3 Survival of Animal-parasitic Nematodes inside the Animal Host; 4 The Genome of Pristionchus pacificus and Implications for Survival Attributes; 5 The Dauer Phenomenon; 6 Gene Induction and Desiccation Stress in Nematodes; 7 Longevity and Stress Tolerance of Entomopathogenic Nematodes; 8 Cold Tolerance; 9 Molecular Analyses of Desiccation Survival in Antarctic Nematodes; 10 Thermobiotic Survival; 11 Osmotic and Ionic Regulation 12 Biochemistry of Survival Gene Index; Species Index; General Index
Sommario/riassunto	Nematodes are well known for their ability to survive environmental extremes. Their survival mechanisms for cold tolerance, thermobiotic, osmotic and ionic stress mechanisms are presented here together with information on the underlying biochemical basis contributing to survival. Highlighting parallels and contrasts between groups, the book integrates information on the strategies that enable nematodes to overcome a lack of food with tactics used by parasitic forms to survive the defence responses of a plant or animal host, or the absence of a host.