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Autore	Duschl, Wolfgang J.
Titolo	Variability of Active Galaxies : Proceedings of a Workshop of the Sonderforschungsbereich 328 held at Heidelberg, Germany 3-5 September 1990 / Wolfgang J. Duschl, Stefan J. Wagner, Max Camenzind (Eds.)
Pubbl/distr/stampa	Berlin [etc.] : Springer-Verlag, 1991
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Collana	Lecture notes in physics ; 377
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2. Record Nr.	UNINA9910968332403321
Autore	Cox George W. <1935->
Titolo	Alien species and evolution : the evolutionary ecology of exotic plants, animals, microbes, and interacting native species / / George W. Cox
Pubbl/distr/stampa	Washington, : Island Press, 2004
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Edizione	[1st ed.]
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Soggetti	Introduced organisms - Environmental aspects Introduced animals - Evolution Exotic plants - Evolution
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references (p. 287-344) and index.
Nota di contenuto	Intro -- Title Page -- Copyright Page -- Contents -- Preface -- Part I: Basic Concepts of Alien Invasion and Evolution -- Ch. 1: Alien Species and Accelerated Evolution -- Ch. 2: Adaptation of Alien Species for Dispersal and Establishment -- Ch. 3: Founder Effects and Exotic Variability -- Ch. 4: Introduction Sources, Cryptic Species, and Invasion Routes -- Part II: Process of Evolutionary Change and Adaptation -- Ch. 5: Hybridization and Evolution of Exotics -- Ch. 6: Hybridization and Transgenic Organisms -- Ch. 7: Invasion Resistance of Native Communities -- Ch. 8: Adaptation of Alien Species to New Habitats -- Part III: Evolutionary Interaction of Aliens and Natives -- Ch. 9: Evolutionary Adaptation by Alien Herbivores -- Ch. 10: Evolutionary Adaptation by Aliend Predators and Parasites -- Ch. 11: Adaptation of Alien Diesases to Hosts and Vectors -- Ch. 12: Adaptation of Plants to Alien Herbivores and Diseases -- Ch. 13: Adaptation of Native Herbivores to Alien Plants -- Ch.14: Adaptation of Animals to Alien Predators, Parasites, and Disease Agents -- Ch. 15: Accumulation of Herbivores, Predators, and Parasites by Alien Species -- Part IV: Global Evolutionary Consequences of Alien Invasions -- Ch. 16: Alien Species as Agents of Extirpation and Extinction -- Ch. 17: Evolutionary Ecology of Alien Biological Control Agents -- Ch. 18: Counteradaptation and Integration into the Biotic Community -- Ch. 19: Dispersing Aliens and

Speciation -- Ch. 20: Permanently Altered Biotic Communities --
Literature Cited -- Glossary -- Index.

Sommario/riassunto

In *Alien Species and Evolution*, biologist George W. Cox reviews and synthesizes emerging information on the evolutionary changes that occur in plants, animals, and microbial organisms when they colonize new geographical areas, and on the evolutionary responses of the native species with which alien species interact.
