

1. Record Nr.	UNINA9910967699303321
Autore	Eisenberg Cristina
Titolo	The wolf's tooth : keystone predators, trophic cascades, and biodiversity / / Cristina Eisenberg
Pubbl/distr/stampa	Washington, : Island Press, c2010
ISBN	9781597268189 1597268186
Edizione	[1st ed.]
Descrizione fisica	1 online resource (272 p.)
Disciplina	591.5/3
Soggetti	Predation (Biology) Predatory animals - Ecology Food chains (Ecology)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 215-237) and index.
Nota di contenuto	Intro -- Title Page -- Copyright page -- Table of Contents -- Acknowledgments -- Introduction: Visitors from the North -- Part One: Web of Life -- Chapter One: Patterns in an Ecosystem -- Chapter Two: Living in a Landscape of Fear: Trophic Cascades Mechanisms -- Chapter Three: Origins: Aquatic Cascades -- Chapter Four: Why the Earth is Green: Terrestrial Cascades -- Chapter Five: The Long View: Old-Growth Rain Forest Food Webs -- Part Two: Mending the Web -- Chapter Six: All Our Relations: Trophic Cascades and the Diversity of Life -- Chapter Seven: Creating Landscapes of Hope: Trophic Cascades and Ecological Restoration -- Chapter Eight: Finding Common Ground: Trophic Cascades and Ecosystem Management -- Epilogue: Lessons from 763 -- Notes -- Glossary -- Index.
Sommario/riassunto	Scientist and author Cristina Eisenberg presents a fascinating and wide-ranging look at the dramatic ecological consequences of predator removal (and return) as she explores the concept of "trophic cascades" and the role of top predators in regulating ecosystems. She shows how and why animals such as wolves, sea otters, and sharks exert such a disproportionate influence on their environment, and considers how this notion can help provide practical solutions for restoring ecosystems. Trophic cascades are powerful stories about ecosystem

processes--of predators and their prey, of what it takes to survive in a landscape, of the flow of nutrients. The Wolf's Tooth is the first book to focus on the vital connection between trophic cascades and biodiversity in a way that is accessible to a diverse readership.
