

1. Record Nr.	UNICAMPANIAVAN0057011
Autore	Bennati, Antonio
Titolo	Manuale di contabilità di Stato : con ampi riferimenti all'ordinamento contabile delle regioni, delle province, dei comuni e di altri enti pubblici / Antonio Bennati
Pubbl/distr/stampa	Napoli, : Jovene, 1990
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Descrizione fisica	XLIII, 962 p. ; 24 cm.
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910789719303321
Autore	McCann Kevin S (Kevin Shear), <1964->
Titolo	Food webs [[electronic resource] /] / Kevin S. McCann
Pubbl/distr/stampa	Princeton, NJ, : Princeton University Press, 2012
ISBN	1-283-29071-5 9786613290717 1-4008-4068-6
Edizione	[Course Book]
Descrizione fisica	1 online resource (389 p.)
Collana	Monographs in population biology
Classificazione	SCI020000SCI008000
Disciplina	577/16
Soggetti	Food chains (Ecology) Biotic communities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Preface -- Part 1. The Problem and the Approach -- CHAPTER ONE. The Balance of Nature: What Is It and Why Care? -- CHAPTER TWO. A Primer for Dynamical Systems -- CHAPTER

THREE. Of Modules, Motifs, and Whole Webs -- Part 2. Food Web Modules: From Populations to Small Food Webs -- CHAPTER FOUR. Excitable and Nonexcitable Population Dynamics -- CHAPTER FIVE. Consumer-Resource Dynamics: Building Consumptive Food Webs -- CHAPTER SIX. Lagged Consumer-Resource Dynamics -- CHAPTER SEVEN. Food Chains and Omnivory -- CHAPTER EIGHT. More Modules -- Part 3. Toward Whole Systems -- CHAPTER NINE. Coupling Modules in Space: A Landscape Theory -- CHAPTER TEN. Classic Food Web Theory -- CHAPTER ELEVEN. Adding the Ecosystem -- CHAPTER TWELVE. Food Webs as Complex Adaptive Systems -- Bibliography -- Index

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### Sommario/riassunto

Human impacts are dramatically altering our natural ecosystems but the exact repercussions on ecological sustainability and function remain unclear. As a result, food web theory has experienced a proliferation of research seeking to address these critical areas. Arguing that the various recent and classical food web theories can be looked at collectively and in a highly consistent and testable way, *Food Webs* synthesizes and reconciles modern and classical perspectives into a general unified theory. Kevin McCann brings together outcomes from population-, community-, and ecosystem-level approaches under the common currency of energy or material fluxes. He shows that these approaches--often studied in isolation--all have the same general implications in terms of population dynamic stability. Specifically, increased fluxes of energy or material tend to destabilize populations, communities, and whole ecosystems. With this understanding, stabilizing structures at different levels of the ecological hierarchy can be identified and any population-, community-, or ecosystem-level structures that mute energy or material flow also stabilize systems dynamics. McCann uses this powerful general framework to discuss the effects of human impact on the stability and sustainability of ecological systems, and he demonstrates that there is clear empirical evidence that the structures supporting ecological systems have been dangerously eroded. Uniting the latest research on food webs with classical theories, this book will be a standard source in the understanding of natural food web functions.

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