

1. Record Nr.	UNINA9910450397303321
Titolo	Maintaining biodiversity in forest ecosystems // edited by Malcolm L. Hunter, Jr [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 1999
ISBN	0-511-61302-4 0-511-15509-3
Descrizione fisica	1 online resource (xiv, 698 pages) : digital, PDF file(s)
Disciplina	639.9
Soggetti	Forest biodiversity conservation Ecosystem management Forest management Forest ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biological diversity / Malcolm Hunter -- Principles of ecological forestry / Robert Seymour, Malcolm Hunter -- Species composition / Brian Palik, R. Todd Engstrom -- Dynamic forest mosaics / Tom Spies, Monica Turner -- Abiotic factors / Andrew Hansen, Jay Rotella -- Forest edges / Glenn Matlack, John Litvaitis -- Islands and fragments / Yrjo Haila -- Riparian forests / Mark Brinson, Jos Verhoeven -- Forested wetlands / Aram Calhoun -- Dying, dead, and down trees / William McComb, David Lindenmayer -- Vertical structure / Nicholas Brokaw, Richard Lent -- Plantation forestry / Susan E. Moore, H. Lee Allen -- Special species / Ian Thompson, Per Angelstam -- Genetic diversity / Constance Millar -- Restoration ecology / Lee Frelich, Klaus Puettmann -- Forest reserves / David Norton -- Forest organization, management, and policy / Chadwick Oliver, Melih Boydak, Gerardo Segura [and others] -- The economic perspective / Bruce Lippke, Joshua Bishop -- Social perspectives / Lynn Maguire.
Sommario/riassunto	The maintenance of the earth's biological diversity is widely seen as both necessary for ecosystem integrity and aesthetically desirable. This book focuses on how biodiversity can be maintained in forested ecosystems, particularly in those forests that are subject to timber

harvesting. At the core of the book lies the concept that diversity should be conserved in all its forms, from the smallest microbes to the largest trees, and at all levels of organization, from genes, through to whole ecosystems. Introductory chapters on biodiversity and ecological forestry lead on to sections dealing with management at the macro (landscape) and micro (stand) levels. A concluding section considers socio-economic and policy perspectives which inform an overall synthesis and framework for the implementation of successful management practices. Thirty-three experts from ten countries contribute to this thorough and comprehensive account, providing a broad-based perspective which will be of interest internationally.
