

Forestry

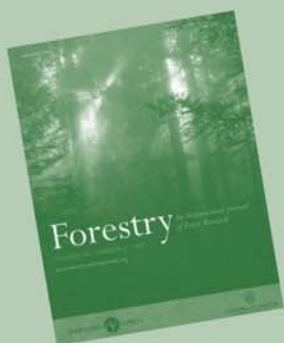
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*Forthcoming!***HUMAN IMPACTS ON TROPICAL FOREST BIODIVERSITY AND GENETIC RESOURCES**Edited by J. POULSEN, *Center for International Forestry Research (CIFOR)*

The conservation of biodiversity and genetic resources has been a high priority under the Convention on Biological Diversity for more than a decade. Many studies have been conducted on this subject in tropical forests. The aim of this book is to bring together many of these studies in order to evaluate current knowledge of the impact of disturbance and fragmentation on tropical forest biodiversity and genetic resources. Themes covered include biodiversity and ecological processes, genetic diversity, local people's livelihoods, case studies from Asia, Sub-Saharan Africa, and Latin and South-America.

*(CABI)***2009 500 pp.**
978-0-85199-692-9**\$140.00/\$112.00***Forthcoming!***INDIGENOUS FRUIT TREES IN THE TROPICS****Domestication, Utilization and Commercialization**

Edited by F K AKINNIFESI, ROGER R.B. LEAKEY, OLUYEDÉ AJAYI, GUDETA SILESHI, ZAC TCHOUNDJEU, PATRICK MATAKALA, and FREDDIE R KWESIGA

Twenty years ago, little was known about the biology, ecology or the social impact of indigenous fruit trees on rural populations. Since then, new concepts and approaches have been developed, case studies have been produced and the potential and feasibility of their domestication and commercialization has been explored. This focused study on the tropics brings together a comprehensive review of this research.

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In the context of forest sustainability, this book presents the issues related to both global climate change and conservation of biodiversity. It highlights four methodologies and shows how they contribute in overcoming the ecological challenges facing our world. The practical experience presented can be applied to the implementation of successful sustainable forestry policies.

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R. KOZAK, *University of British Columbia*,
C. STAUDHAMMER, *University of Florida*, and
S. WATTS, *University of British Columbia*

This book utilizes basic descriptive statistics and probability, as well as commonly used statistical inferential tools to introduce topics that are common place in a forestry context such as hypothesis testing, design of experiments, sampling methods, nonparametric tests and statistical quality control. It also contains examples and exercise drawn from the fields of forestry, wood science, and conservation.

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DAVID BEERLING, *University of Sheffield*

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This book presents a horticultural overview of the main plant families of trees and shrubs from temperate regions that are cultivated in urban and rural landscape schemes. Most of the plants used come from a limited number of plant families and within these families, certain genera contribute very significantly. The largest chapter in the book describes 37 plant families according to their identification, functional use and management in landscape schemes. With this information readers will be able to assess the suitability of species and prepare planting designs for prevailing sites.

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(Techniques in Ecology & Conservation)

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FOREST GENETICS

T. L. WHITE, *University of Florida*, W. T. ADAMS, *Oregon State University*, and D. B. NEALE, *University of California*

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(CABI)

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FORESTS AND SOCIETY

Sustainability and Life Cycles of Forests in Human Landscapes

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This book provides a broad-ranging textbook on the relationships between forests and society. It discusses the ways in which society can interact with forest landscapes without adversely affecting their sustainability. Topics covered include attitudes to, and uses of forests, the creation of today's forest landscapes, the impact of humans on forests, and forest sustainability and human health. The book also examines emerging issues in forestry such as possible solutions to balancing societies' needs with forest sustainability, managing forests in the urban-wildland interface, and the impact of illegal logging.

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Edited by Y.C. DUBE and F SCHMITHUSEN

Forest protection and forestry practices are closely linked to decisions that address measures on climate change, biodiversity and the institutional framework for sustainable development. This rich and multifaceted text documents the progress made in creating the political, economic and social conditions that are necessary for a sustainable and multifunctional use of forest resources.

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FORESTRY AND CLIMATE CHANGE

Edited by P. H. FREER-SMITH,
M. S. J. BROADMEADOW, and J. M. LYNCH

Climate change is one of the greatest challenges we face—both in terms of its potential impact on our societies and the earth, and the scale of international co-operation that is needed to confront it. Drawing together perspectives from researchers and policy makers, this book explores how forests will interact with the physical and natural world, and with human society as the climate changes. Also considered is how the world's forests can be managed to contribute to the mitigation of climate change and to maximize the full range of economic and non-market benefits.

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Socioeconomic and Political Dimensions
Edited by J. L. INNES, and G. HICKEY, both at
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Agricultural University of Norway

Considerable emphasis has been placed on the interactions between environmental change and forests in recent years. However, many studies have failed to recognize that some of the biggest changes for forests are related to the socio-economic environment rather than the physical environment. This book considers the interactions between forestry and environmental (climate) change, from social and economic perspectives.

(IUFRO Research Series)

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M. A. FONSECA, *United Nations Economic Commission for Europe, Trade and Timber Branch*

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Edited by YADVINDER MALHI, *Oxford University*, and
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“Highly important contribution and is thoroughly recommended.”—*Quarterly Review of Biology.*

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This book focuses on the climbing plants of West African forests. Based on original research, it presents information on the flora (including a checklist), diversity (with overviews at several levels of integration) ecology (distribution, characteristics in relation to environment, their role in forest ecosystems) and ethnobotany.

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The Role, Silviculture, and Use of Planted Forests for Industrial, Social, Environmental, and Agroforestry Purposes

Third Edition

JULIAN EVANS, *Imperial College London*, and JOHN W. TURNBULL, *CSIRO Forestry and Forest Products*

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This book focuses on the diverse impact of forest history in general, and of forest continuity, fragmentation and past management in particular, on the diversity and distribution of species.

(IUFRO Research Series 10)

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The rain forests of West Africa have been designated as one of the world's hotspots of biodiversity. This book focuses on the biodiversity and ecology of these forests.

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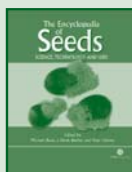
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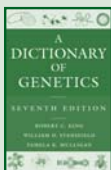
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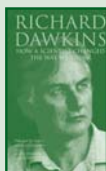
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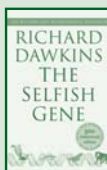
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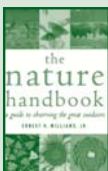
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